

# Old Colony Planning Council



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May 9, 2011

Mr. Charlie Seelig, Town Administrator  
Town of Halifax  
499 Plymouth Street  
Halifax, MA 02338

Dear Mr. Seelig:

Per your request, the Old Colony Planning Council (OCPC) has completed the Road Safety Audit for the intersection of Holmes Street (Route 36) at Oak Street, and the Pedestrian Road Safety Audit for Plymouth Street (Route 106). The final reports for these Road Safety Audits are enclosed.

The Road Safety Audits for each location were conducted on September 23, 2010. Prior to the Road Safety Audits, OCPC met with the Halifax Traffic Committee on August 11, 2010 to discuss traffic conditions and safety at each facility.

Draft findings and recommendations were distributed to the Town of Halifax and MassDOT in December of 2010 for review and comment, and the Old Colony Planning Council met with the Halifax Traffic Committee on April 12, 2011 to present the draft final reports and provide opportunity for review and comment.

Should you have any questions about either of these Road Safety Audits, please contact Project Manager Bill McNulty at (508) 583-1833 or [wmcnulty@ocpcrpa.org](mailto:wmcnulty@ocpcrpa.org).

Sincerely,

Charles Kilmer  
Transportation Program Manager

Cc:

Mr. Troy E. Garron, Chairman, Halifax Board of Selectmen OCPC Alternate, JTC Delegate  
Chief William Carrico II, Halifax Fire Department, Chairman Halifax Traffic Committee  
Mr. Robert Badore, Halifax Highway Department  
Chief Michael Manoogian, Halifax Police Department  
Mr. John G. Mather, OCPC Delegate  
Ms. Claudia Motta, Principal, Halifax Elementary School  
Ms. Pamela Haznar, P.E., MassDOT District 5  
Mr. Paul Maloney, P.E., FHWA  
Mr. Andrew Lehmann, MassDOT  
Ms. Bonnie Polin, AICP, MassDOT  
Ms. Lisa Schletzbaum, MassDOT  
Senator Thomas P. Kennedy, Massachusetts State Senate  
Representative Thomas J. Calter, Massachusetts House of Representatives  
Representative Daniel K. Webster, Massachusetts House of Representatives

Enclosures:

Final Report – Road Safety Audit of Plymouth Street (Route 106), Halifax  
Final Report – Road Safety Audit of Holmes Street (Route 36) at Oak Street, Halifax

# ROAD SAFETY AUDIT PLYMOUTH STREET, ROUTE 106, HALIFAX



OLD COLONY PLANNING COUNCIL,  
70 SCHOOL STREET, BROCKTON, MA 02301  
[WWW.OCPCRPA.ORG](http://WWW.OCPCRPA.ORG)  
PREPARED UNDER MASSDOT CONTRACT # 0052455  
APRIL, 2011





# **Pedestrian Road Safety Audit**

## **Plymouth Street (Route 106)**

### **Between Post Office and Indian Path Road**

**Halifax, MA**

**April 2011**



**Old Colony Planning Council**

70 School Street

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The views and opinions of the Old Colony Planning Council expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.

This Planning Level Traffic Study was prepared by the following members of the Old Colony Planning Council staff under the direction of Pat Ciaramella, Executive Director, and the supervision of Charles Kilmer, Transportation Program Manager.

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# Old Colony Metropolitan Planning Organization

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|-----------------------|--|
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| William Hallisey, Jr. | Chairman, Board of Selectmen, Plymouth         |
| Eldon Moreira         | Chairman, Board of Selectmen, West Bridgewater |
| Daniel Salvucci       | Vice Chairman, Board of Selectmen, Whitman     |
| Jeff Mullan           | Secretary and CEO, MassDOT                     |
| Frank DePaola         | Interim Highway Administrator, MassDOT         |
| Reinald Ledoux, Jr.   | Administrator, BAT                             |
| Robert G. Moran, Jr.  | President, OCPC                                |

## Joint Transportation Committee

### JTC Officers

|                   |                |
|-------------------|----------------|
| JTC Chairman      | Noreen O'Toole |
| JTC Vice Chairman | Sid Kashi      |

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|-------------------------------------|----------------------|
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| Abington – <i>Alternate</i>         | Bruce Hughes         |
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| Bridgewater                         | Robert Wood          |
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| East Bridgewater – <i>Alternate</i> | Richard O'Flaherty   |
| Easton – <i>Delegate</i>            | Wayne P. Southworth  |
| Easton – <i>Alternate</i>           | Maurice Goulet       |
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| Pembroke                            | Gene Fulmine         |
| Plymouth                            | Sid Kashi            |
| Plympton                            | Jim Mulcahy          |
| Stoughton – <i>Delegate</i>         | Carin Klipp          |
| Stoughton – <i>Alternate</i>        | Ben Fehan            |
| West Bridgewater                    | Leonard Graf, III    |
| Whitman                             | Daniel Salvucci      |

### Agency Representation

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| MassDOT                     | Clinton Bench       |
| MassDOT                     | Andrew Lehmann      |
| MassDOT District 5          | Bernard McCourt     |
| MassDOT District 5          | Pamela Haznar       |
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| FTA                         | Noah Berger         |
| Brockton Traffic Commission | Captain Leon McCabe |

### OCPC Transportation Staff

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| Jed Cornock    | Transportation Planner          |
| Ray Guarino    | Transportation Planner          |
| Rodrigo Marion | Transportation Planner          |
| Bill McNulty   | Transportation Planner          |
| Susan McGrath  | GIS Coordinator                 |
| Kyle Mowatt    | Assistant Planner               |
| Andrew Vidal   | Communication/GIS/IT Specialist |



# Old Colony Planning Council (OCPC)



## OCPC Officers

|           |                      |
|-----------|----------------------|
| President | Robert G. Moran, Jr. |
| Treasurer | Lee Hartmann         |
| Secretary | Fred Gilmetti        |

| COMMUNITY         | DELEGATE             | ALTERNATE         |
|-------------------|----------------------|-------------------|
| Abington          | Christopher Aiello   |                   |
| Avon              | Frank Staffier       | Charles Marinelli |
| Bridgewater       | Anthony P. Anacki    |                   |
| Brockton          | Robert G. Moran, Jr. | Preston Huckabee  |
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| Plymouth          | Lee Hartmann         | Valerie Massard   |
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| Stoughton         | Scott Turner         | Robert E. Kuver   |
| West Bridgewater  | Eldon F. Moreira     | Nancy Bresciani   |
| Whitman           | Fred Gilmetti        | Daniel Salvucci   |
| Delegate-at-Large |                      |                   |

## OCPC Staff

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| Jacqueline Surette | Fiscal Consultant                      |
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| Patrick Hamilton   | AAA Administrator                      |
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| Caleb Cornock      | Transportation Intern                  |

# Plymouth Street (Route 106) Pedestrian Road Safety Audit Final Report

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## I. Background

This document represents the final report for the Town of Halifax – Plymouth Street (Route 106) Pedestrian Road Safety Audit. The Pedestrian Road Safety Audit was prepared in response to a request from the Town to perform an assessment of pedestrian safety along Plymouth Street (Route 106) through the Town’s village center between the US Post Office and Indian Path Road. Old Colony Planning Council met with the Halifax Traffic Committee on August 11, 2010 to discuss pedestrian safety on Plymouth Street, along with safety at the intersection of Holmes Street (Route 36) and Oak Street. It was determined at that meeting that conducting a Road Safety Audit at each location would be beneficial towards identifying safety deficiencies and potential solutions and improvements.

The Pedestrian Road Safety Audit was coordinated by Old Colony Planning Council with technical assistance from the Massachusetts Department of Transportation (MassDOT), and was held in the Town of Halifax on September 23, 2010. The complete list of participants comprising the Audit Team is provided in Appendix A.

An inventory of all deficiencies and issues identified from the Road Safety Audit process along with both short-term / lower-cost and long-term / higher cost potential improvements was distributed to MassDOT and the Town of Halifax for review and comment in December of 2010.

The Old Colony Planning Council distributed the draft final report for review and comment in April 2011, and met with the Halifax Traffic Committee on April 12, 2011 to present findings and recommendations from this report.

### The Audit

This Pedestrian Road Safety Audit was designed after a typical Road Safety Audit, with specific focus on pedestrian safety. A Road Safety Audit (RSA) is a formal safety performance examination of an existing or future road or intersection by an audit team. Road Safety Audits can be used on any size project, from minor maintenance to mega-projects. There are eight major steps involved in coordinating a road safety audit but these can be simplified in a three step process – identify the corridor/intersection and audit team; conduct the RSA and report on the findings; and follow-up on RSA findings where feasible.

Major benefits of road safety audits include:

- An RSA is a proactive tool, not solely dependent on crash data
- An RSA is a planning tool to identify safety issues to be considered in improvement projects
- RSAs help determine if the needs of all road users are adequately met
- RSAs are adaptable to local needs and conditions
- Recommendations can be implemented in small stages as time and resources permit.

Prior to the pedestrian road safety audit, Old Colony Planning Council collected, reviewed, and analyzed data (video of roadway conditions and operations, traffic volume data, turning movement counts, maps, aerial photographs, and crash data).

The Pedestrian Road Safety Audit was conducted on September 23, 2010, in conjunction with another road safety audit for the intersection of Holmes Street (Route 36) and Oak Street in Halifax. A pre-site visit / post-site visit meeting was held at the Halifax Police Station, at which video of roadway operations; traffic and crash data and analysis; and aerial photography was presented and discussed. Weather conditions were sunny and dry for the field visit.

### Overview of the Study Area

The Study Area comprises of a section of Plymouth Street (Route 106) about six-tenths of a mile long through the Town’s main village center district, extending from the US Post Office on the western edge to Indian Path Road. Development in the study area is consistent with tradition New England town centers, with primarily commercial and municipal uses along the roadway, and residential neighborhoods surrounding the center. The largest trip generators in the study area include the US Post Office, the Halifax Elementary School, and a plaza that contains a fitness center, medical space, and small retail businesses.

### Traffic Volumes, Speeds, and Heavy Vehicle Traffic

Tables 1, 2, and 3 summarize traffic conditions along Plymouth Street, based on traffic counts that were collected at three locations (east of Carver Street, east of Hemlock Lane, and west of Indian Path Road) along the section of roadway. Traffic volumes generally increase gradually from the western edge of the study area to the eastern edge.

Travel speeds are generally higher than the posted speed limits, particularly on the edges of the study area. According to the recorded 85<sup>th</sup> percentile speed, vehicles arriving into the study area from the west (approaching the first crosswalk just east of the Post Office) are traveling about 44 miles per hour, 9 miles per hour above the posted speed limit. From the east, vehicles are traveling about 42 miles per hour or 7 miles per hour above the posted speed limit.

The percentage of heavy vehicles in the traffic stream ranges between 4.9 and 10 percent. The state numbered route is a major east-west travel corridor for commercial heavy vehicle traffic in the region.

**Table 1: Traffic Conditions at Plymouth Street, East of Carver Street (September 2009)**

| <i>Plymouth Street, east of Carver Street</i> |              |                   |                  |
|---|--------------|-------------------|------------------|
|   | <b>Total</b> | <b>Eastbound</b>  | <b>Westbound</b> |
| <b>Average Daily Traffic</b>                  | 13,183       | 6,554             | 6,629            |
| <b>Posted Speed Limit</b>                     |              | 35 Miles Per Hour |                  |
| <b>Average Speed</b>                          | 37 MPH       | 38 MPH            | 36 MPH           |
| <b>85th Percentile Speed</b>                  | 43 MPH       | 44 MPH            | 41 MPH           |
| <b>10 MPH Pace Speed</b>                      | 36-45 MPH    | 36-45 MPH         | 31-40 MPH        |
| <b>% Heavy Vehicles</b>                       | 8.40%        | 10.00%            | 6.70%            |

**Table 2: Traffic Conditions at Plymouth Street, East of Hemlock Lane (September 2009)**

| <i>Plymouth Street, east of Hemlock Lane</i> |                   |                  |                  |
|--|-------------------|------------------|------------------|
|  | <b>Total</b>      | <b>Eastbound</b> | <b>Westbound</b> |
| <b>Average Daily Traffic</b>                 | 14,682            | 7,240            | 7,442            |
| <b>Posted Speed Limit</b>                    | 35 Miles Per Hour |                  |                  |
| <b>Average Speed</b>                         | 30 MPH            | 30 MPH           | 29 MPH           |
| <b>85th Percentile Speed</b>                 | 36 MPH            | 37 MPH           | 36 MPH           |
| <b>10 MPH Pace Speed</b>                     | 26-35 MPH         | 26-35 MPH        | 26-35 MPH        |
| <b>% Heavy Vehicles</b>                      | 5.00%             | 4.90%            | 5.20%            |

**Table 3: Traffic Conditions at Plymouth Street, West of Indian Path Road (September 2009)**

| <i>Plymouth Street, west of Indian Path Road</i> |                   |                  |                  |
|--|-------------------|------------------|------------------|
|  | <b>Total</b>      | <b>Eastbound</b> | <b>Westbound</b> |
| <b>Average Daily Traffic</b>                     | 15,036            | 7,528            | 7,508            |
| <b>Posted Speed Limit</b>                        | 35 Miles Per Hour |                  |                  |
| <b>Average Speed</b>                             | 35 MPH            | 34 MPH           | 36 MPH           |
| <b>85th Percentile Speed</b>                     | 41 MPH            | 40 MPH           | 42 MPH           |
| <b>10 MPH Pace Speed</b>                         | 31-40 MPH         | 31-40 MPH        | 31-40 MPH        |
| <b>% Heavy Vehicles</b>                          | 6.10%             | 6.50%            | 5.80%            |

### **Pedestrian and Bicycle Crossings**

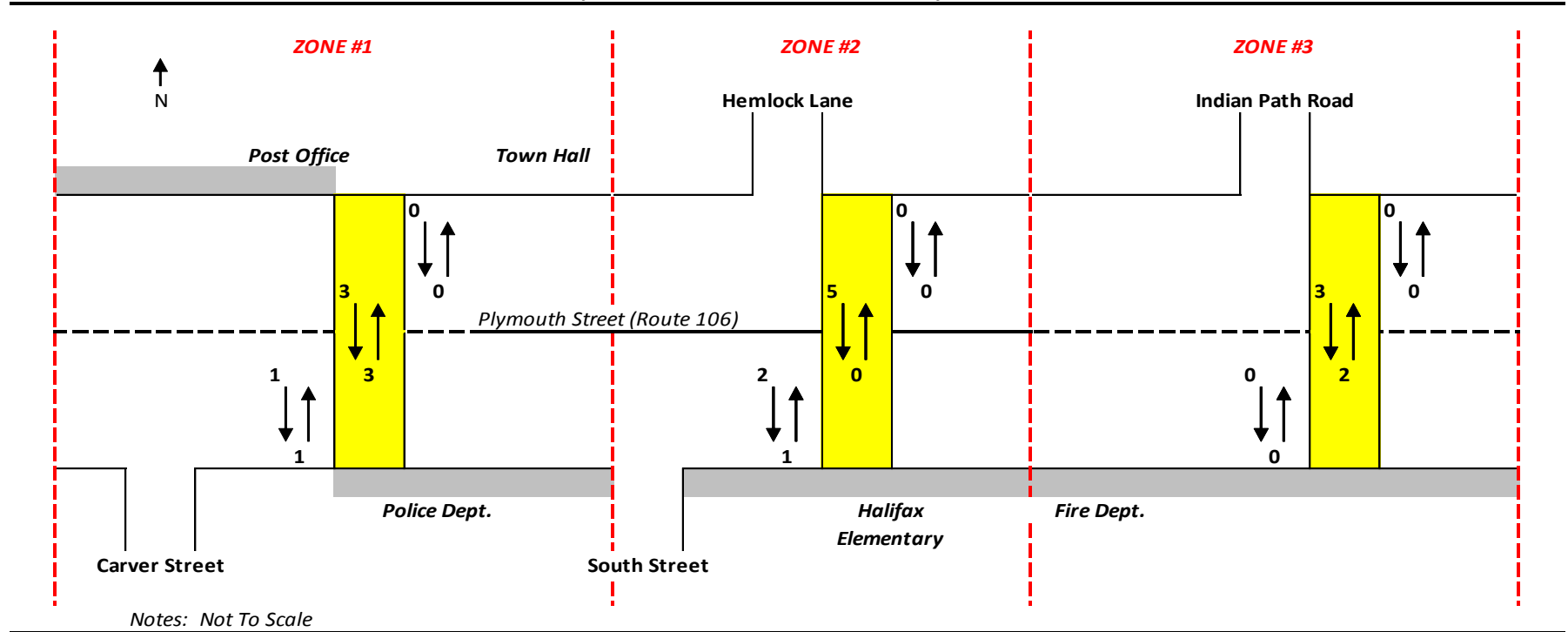
Figures 1 through 4 graphically illustrate the results of pedestrian and bicycle crossing counts conducted in September of 2009. Each crossing by a pedestrian or bicyclist during the hours of 6:00 AM to 10:00 AM in the morning and 2:00 to 6:00 PM in the afternoon was counted. The study area was divided into three zones, centered around the three crosswalks along the corridor. For each crossing, it was noted whether the person was crossing in the crosswalk, or to either side outside of the crosswalk.

Generally, the busiest crosswalk was the western-most one located between the Post Office and Police Station. Pedestrians traveling along Plymouth Street are forced to cross the street at this location as the only sidewalk switches from the eastbound side of the roadway to the westbound side.

A significant number of pedestrians also crossed Route 106 at the Hemlock Lane crosswalk. This crosswalk is located closest to the Halifax Elementary School.

Figure 1: Route 106 Pedestrian Crossings, Weekday Mornings

Morning (6:00-10:00 AM) Pedestrian Crossings  
West of Crosswalks, In Crosswalks, and East of Crosswalks



**Figure 2: Route 106 Pedestrian Crossings, Weekday Afternoons**

*Afternoon (2:00-6:00 PM) Pedestrian Crossings  
West of Crosswalks, In Crosswalks, and East of Crosswalks*

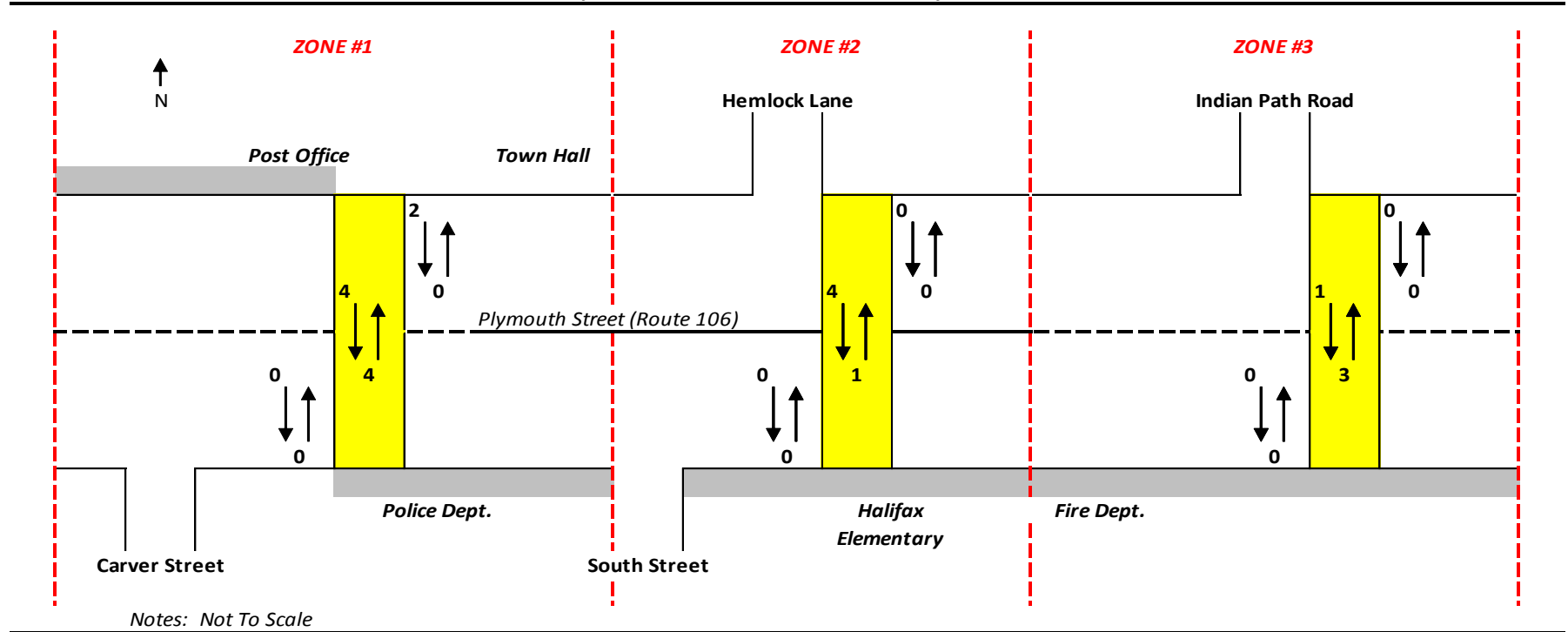




Figure 3: Route 106 Bicycle Crossings, Weekday Mornings

Morning (6:00-10:00 AM) Bicycle Crossings  
West of Crosswalks, In Crosswalks, and East of Crosswalks

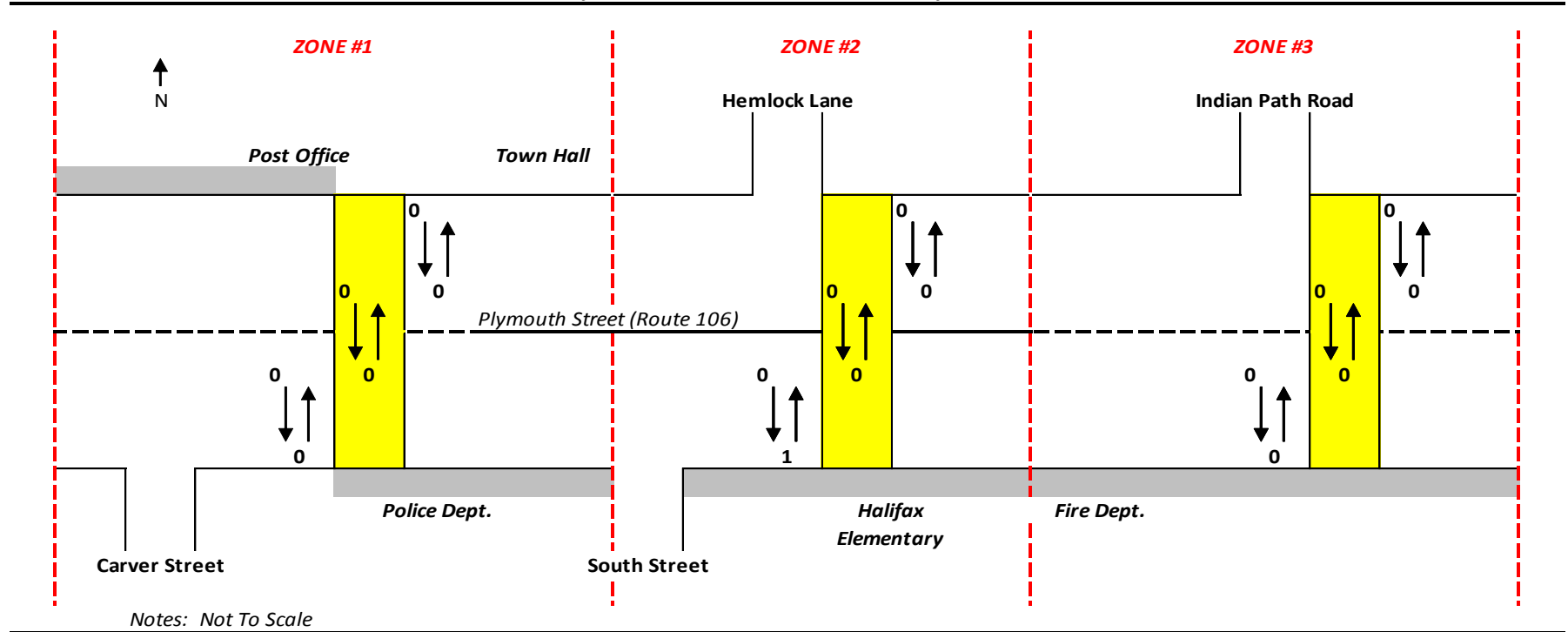
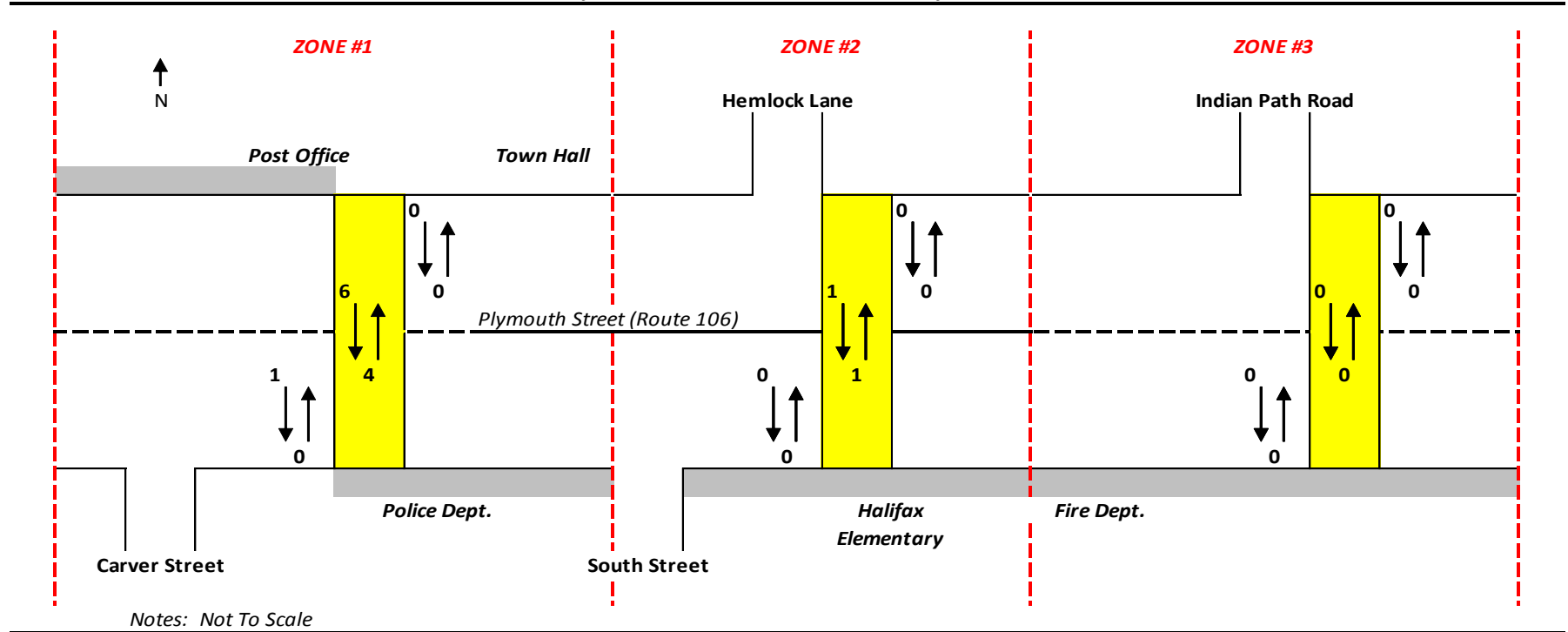


Figure 4: Route 106 Bicycle Crossings, Weekday Afternoons

Afternoon (2:00-6:00 PM) Bicycle Crossings  
West of Crosswalks, In Crosswalks, and East of Crosswalks



## **Bicycle and Pedestrian Level of Service (BLOS and PLOS)**

Old Colony Planning Council utilizes a formula developed by Sprinkle Consulting to calculate bicycle and pedestrian levels of service (BLOS and PLOS) on corridors throughout the region. Whereas intersection and street levels of service measure operational efficiency, bicycle and pedestrian levels of service measure the comfort level for bicyclists and pedestrians.

Based on the following input criteria, Plymouth Street (Route 106) averages a score of “D” or “Moderately Low” for both bicycle and pedestrian level of service. Traffic conditions (volume, speed, heavy vehicle data) are based on traffic counts, while measurement data (lane widths, sidewalk widths, shoulder width) is based on an average.

|   |                     |
|---|---------------------|
| <b>Lanes Per Direction:</b>                                   | 1                   |
| <b>Outside Lane Width:</b>                                    | 12 feet             |
| <b>Paved Shoulder:</b>  | 3 feet              |
| <b>Bidirectional Traffic Volume:</b>                          | 14,700 vehicles/day |
| <b>Posted Speed Limit (85<sup>th</sup> percentile speed):</b> | 36 miles per hour   |
| <b>Heavy Vehicle Percentage:</b>                              | 5%                  |
| <b>FHWA’s Pavement Condition Rating:</b>                      | 4 (Good)            |
| <b>% Segment With Occupies Parking:</b>                       | 0%                  |
| <b>% Segment With Sidewalks:</b>                              | 100%                |
| <b>Sidewalk Width:</b>  | 5 feet              |
| <b>Sidewalk Buffer:</b>                                       | 2 feet              |

## **Crash History**

According to MassDOT crash data, during the three-year period from 2006 through 2008 there were 23 crashes along the 0.6 mile stretch of Route 106 between the Post Office and the intersection of Indian Path Road. Table 4 includes the location of these crashes, and severity.

A large proportion of the crashes along this section of Plymouth Street were identified as occurring at the retail plaza located at 430-434 Plymouth Street. The plaza is accessed from three separate driveways on Plymouth Street. Additionally, four crashes were located at the Indian Path Road intersection, which is located directly opposite of the shopping plaza. Combined, crashes occurring at either the Indian Path Road intersection, or at one of the driveways to the retail plaza located opposite of Indian Path Road accounted for over half (14) of the 23 reported crashes along the roadway.

**Table 4: MassDOT Crash Data (2006 – 2008) for Plymouth Street (Route 106) Corridor Study Area**

| <b>Location</b>  | <b>Total Crashes</b> | <b>Crashes With Injuries</b> | <b>% With Injuries</b> | <b>Fatal Crashes</b> | <b>Crashes Involving Pedestrians</b> | <b>Crashes Involving Bicyclists</b> |
|--|----------------------|------------------------------|------------------------|----------------------|--------------------------------------|-------------------------------------|
| <b>at South Street</b>   | 4                    | 1                            | 25%                    | 0                    | 0                                    | 0                                   |
| <b>at Hemlock Lane</b>   | 1                    | 1                            | 100%                   | 0                    | 0                                    | 0                                   |
| <b>at Fitness Center / Plaza</b>   | 10                   | 4                            | 40%                    | 0                    | 0                                    | 0                                   |
| <b>at Indian Path Road</b>   | 4                    | 2                            | 50%                    | 0                    | 0                                    | 0                                   |
| <b>Non-Intersection Location</b>   | 4                    | 1                            | 25%                    | 0                    | 0                                    | 0                                   |
| <b>All Crashes</b>   | 23                   | 9                            | 39%                    | 0                    | 0                                    | 0                                   |
| Corridor Crash Rate (2006 -2008): 2.45 per Million Vehicle Miles Traveled (MVMT) |                      |                              |                        |                      |                                      |                                     |
| Massachusetts Average Crash Rate for Urban Minor Arterials: 4.07 / MVMT          |                      |                              |                        |                      |                                      |                                     |

None of the crashes occurring from 2006 through 2008 involved a pedestrian or bicyclist. However, in 2009 a fatal crash occurred at the crosswalk located between the Post Office and Police Station when a pedestrian crossing the street was struck and killed by a vehicle traveling eastbound.

The section of Plymouth Street in the study area has a calculated crash rate of 2.45 crashes per million vehicle miles travels (MVMT), based on the 23 reported crashes over three years and an average daily traffic volume of 14,300 over the section of roadway.

## II. Findings and Recommendations

**Table 5: Deficiencies Identified By Audit Team, and Suggested Mitigation – Corridor Wide**

| General Issues – Corridor Wide  |   |  |
|---|---|--|
| Identified Issue  | Low-Cost Basic Countermeasures  | Higher Cost Supplemental Countermeasures   |
| Sidewalk Discontinuity  |   | <ul style="list-style-type: none"> <li>Construct sidewalks north side of roadway, eliminating requirement of pedestrians to cross roadway at Post Office and Indian Path Road</li> </ul> |
| Low visibility of crosswalks to approaching motorists   | <ul style="list-style-type: none"> <li>Install reflectors on lines</li> </ul>   | <ul style="list-style-type: none"> <li>Provide overhead lighting of crosswalks</li> </ul>  |
| “No Passing Zone” signage inconsistent with roadway striping (entire corridor has a solid double yellow centerline) | <ul style="list-style-type: none"> <li>Remove “No Passing Zone” signage</li> </ul>  |  |
| Beginning of school zone westbound, and “End School Zone” in eastbound direction located at different points        | <ul style="list-style-type: none"> <li>Relocate signage so school zone has consistent boundaries in eastbound and westbound directions</li> </ul> |  |
| Spacing of advanced warning signs for crosswalk inconsistent at different crossings                                 | <ul style="list-style-type: none"> <li>Reconfigure all crosswalk advanced warning signs so as to be consistent in spacing</li> </ul>              |  |
| “Ped X-ING” Plaque not an MUTCD supported sign  | <ul style="list-style-type: none"> <li>Remove “Ped X-ING” Plaques and replace with MUTCD supported signage</li> </ul>                             |  |



**Table 5: Deficiencies Identified By Audit Team, and Suggested Mitigation – Corridor Wide (continued)**

| <b>General Issues – Corridor Wide (Continued)</b>  |  |  |
|--|--|--|
| <b>Identified Issue</b>  | <b>Low-Cost Basic Countermeasures</b>  | <b>Higher Cost Supplemental Countermeasures</b>  |
| Heavy vegetation / tree canopy inhibits visibility of beginning of school zone on westbound Plymouth Street approach | <ul style="list-style-type: none"> <li>Trim vegetation / increase overhead clearance</li> </ul>  |  |
| Crosswalk ramps do not have detectable tactile surfaces for the visually impaired                                    | <ul style="list-style-type: none"> <li>Install tactile surfaces (“truncated domes”) on crosswalk ramps</li> </ul>  |  |
| High travel speeds on Plymouth Street (Route 106)  | <ul style="list-style-type: none"> <li>Speed Enforcement</li> <li>Signage west of Post Office and east of Indian Path Road alerting drivers to change in development pattern (entering village area)</li> <li>Install rumble strips on approaches</li> </ul> | <ul style="list-style-type: none"> <li>Construct medians and roadside features to create “village district” feel to motorists – forcing attention and reduction in speed</li> <li>Construct raised crosswalks</li> </ul> |

**Table 6: Deficiencies Identified By Audit Team, and Suggested Mitigation – Post Office Crossing**

| <b>General Issues – Post Office Crossing</b>   |   |   |
|--|---|---|
| <b>Identified Issue</b>  | <b>Low-Cost Basic Countermeasures</b>   | <b>Higher Cost Supplemental Countermeasures</b>   |
| Roadside “clutter” (Power equipment on display street side in front of business, multiple business / advertising signs, etc.) creating “noise” and potentially causing a distraction | <ul style="list-style-type: none"> <li>• Work with business owners to consolidate signage / street side displays</li> <li>• Trim roadside vegetation</li> </ul> | <ul style="list-style-type: none"> <li>• Construct sidewalk on southern side (eastbound direction) of roadway that creates a buffer between roadway and businesses</li> </ul>   |
| Utility poles / roadside vegetation obscure advanced warning signs   | <ul style="list-style-type: none"> <li>• Trim roadside vegetation</li> </ul>  | <ul style="list-style-type: none"> <li>• Work with utility company on relocating utility poles that obstruct sight lines</li> </ul>   |
| Pedestrians blend into utility pole at crosswalk entrance on eastbound side of roadway   |   | <ul style="list-style-type: none"> <li>• Signalize intersection of Plymouth Street (Route 106) at Carver Street; remove Post Office crosswalk, and instruct pedestrians to cross at Carver Street intersection</li> <li>• Work with utility company on relocating utility pole</li> <li>• Use ITS technologies that flash signals on approaches when a pedestrian is present</li> </ul> |

**Table 7: Deficiencies Identified By Audit Team, and Suggested Mitigation – Halifax Elementary School Crossing**

| <b>Crosswalk: Hemlock Lane / Halifax Elementary School</b>  |   |  |
|---|---|--|
| <b>Identified Issue</b>   | <b>Low-Cost Basic Countermeasures</b>   | <b>Higher Cost Supplemental Countermeasures</b>  |
| When left turning vehicles are present in westbound lane at school driveway (western end), vision between pedestrians and eastbound traffic is obscured           | <ul style="list-style-type: none"> <li>Prohibit left turns at driveways closest to crosswalk</li> </ul>   | <ul style="list-style-type: none"> <li>Use ITS technologies that flash signals on approaches when a pedestrian is present</li> </ul>   |
| Crosswalk does not connect to a sidewalk on northern edge of roadway; and crosswalk begins/ends within Hemlock Lane on north side, school driveway on south side) |   | <ul style="list-style-type: none"> <li>Construct sidewalks on northern side of roadway</li> <li>Redesign / reconstruct school driveways as to not have driveway and crosswalk conflicting</li> </ul> |
| Flashing “your speed” signage may be more effective if placed in advance of school zone   | <ul style="list-style-type: none"> <li>Relocate flashing speed signs, or add additional flashing speed signs in advance of crosswalk</li> </ul>   |  |
| Children walking to and from school in heavy traffic area   | <ul style="list-style-type: none"> <li>Actively participate in Safe Routes To School Program, taking part in safety education programs</li> <li>Lobby for engineering assessment and infrastructure improvements through Safe Routes To School program</li> </ul> |  |

**Table 8: Deficiencies Identified By Audit Team, and Suggested Mitigation – Indian Path Road / Halifax Fire Department Crossing**

| <b>Crosswalk: Indian Path Road / Halifax Fire Department</b>   |                                       |   |
|--|---------------------------------------|---|
| <b>Identified Issue</b>  | <b>Low-Cost Basic Countermeasures</b> | <b>Higher Cost Supplemental Countermeasures</b>   |
| Crosswalk conflicts with Indian Path Road layout on northern edge  |                                       | <ul style="list-style-type: none"> <li>• Redesign crosswalk and Route 106 at Indian Path Road intersection so as crosswalk clearly connects from sidewalk to sidewalk, and does not conflict with intersection</li> </ul> |
| Retail plaza has multiple curb-cuts (driveways) on Route 106 creating additional exposure to pedestrians and increasing turning movement conflicts |                                       | <ul style="list-style-type: none"> <li>• Work with property owners to consolidate access points</li> </ul>  |



### III. Conclusions

It is recommended that the Town of Halifax implement the following low-cost, basic countermeasures identified through this Audit as an initial measure to improve safety at the location.

- Relocate signage so school zone should have consistent boundaries in eastbound and westbound directions
- Remove “Ped X-ING” Plaques and replace with MUTCD supported signage
- Remove “No Passing Zone” signage
- Relocate existing, or place additional dynamic flashing “Your Speed” signs in advance or school zone
- Enact left turn restrictions at western-most school driveway at Halifax Elementary School
- Trim back roadside vegetation and overhanging foliage canopies
- Install tactile surfaces (truncated domes) on all crosswalk ramps
- Strict speed enforcement

Installation of these low-cost safety enhancements along Plymouth Street, followed by regular observation and analysis of traffic and safety conditions (crash patterns) is recommended as initial mitigation prior to consideration of higher cost, large scope projects.

Old Colony Planning Council also recommends the continued coordination and development of long term countermeasures based upon further analysis and effectiveness of the implemented low-cost, basic countermeasures.

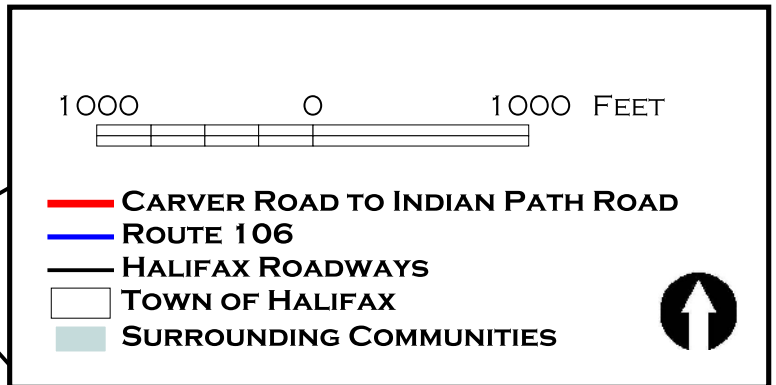
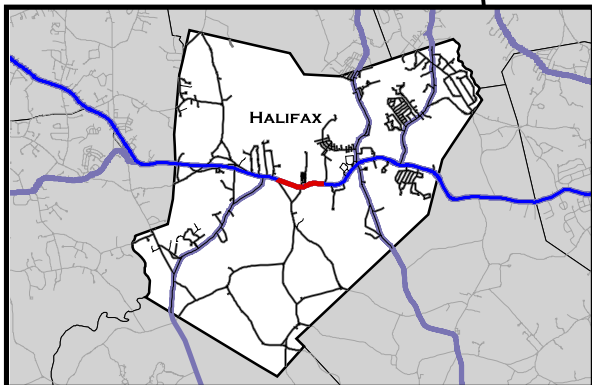
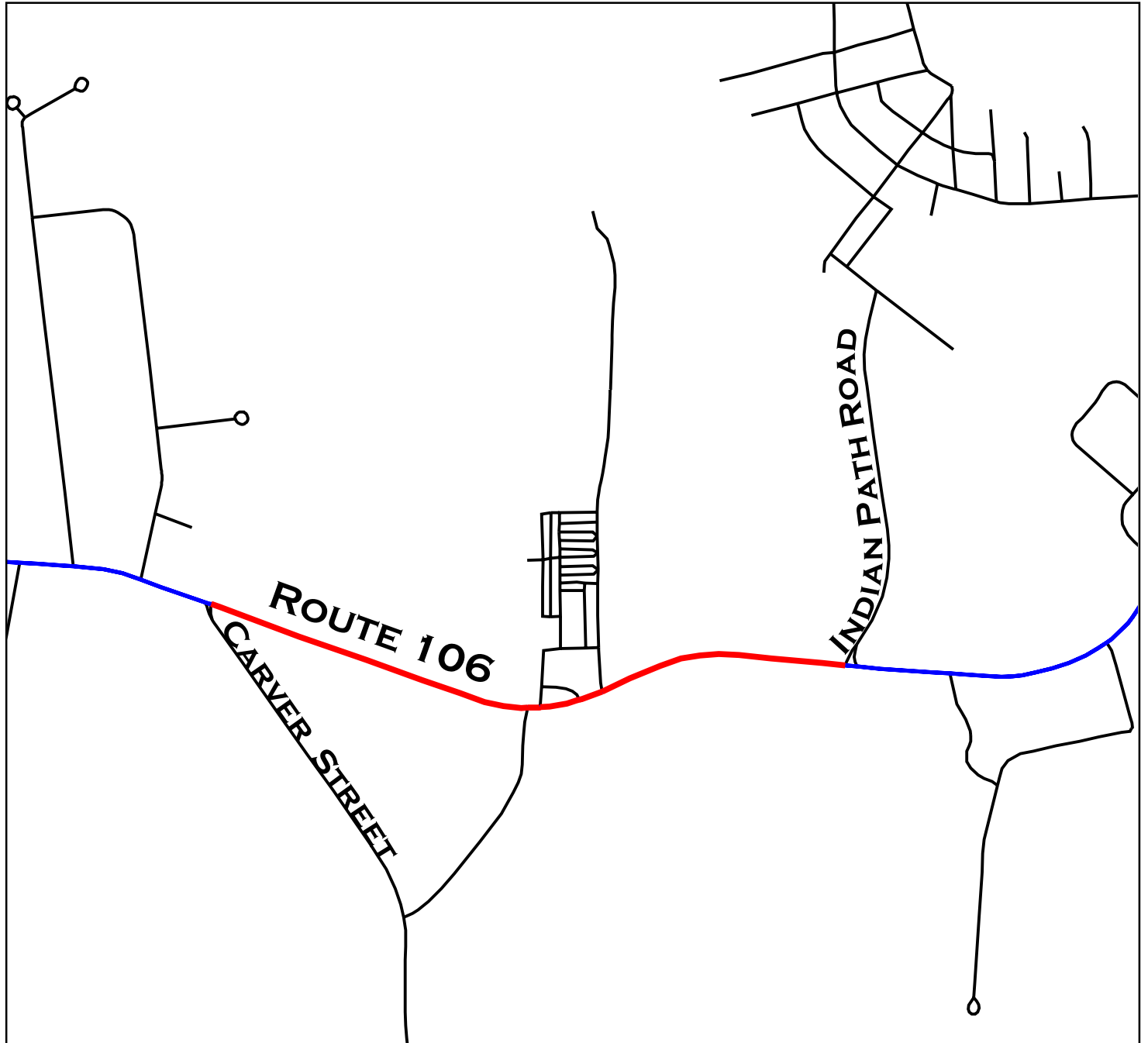




## Appendix A – The Audit Team

| <u>Name</u>               | <u>Organization / Agency</u>               |
|---------------------------|--|
| Chief William Carrico, II | Fire Chief, Halifax Fire Department        |
| Chief Michael Manoogian   | Police Chief, Halifax Police Department    |
| Sergeant Ted Broderick    | Halifax Police Department                  |
| Charlie Seelig            | Town Administrator, Town of Halifax        |
| Michael J. Schleiff       | Halifax Board of Selectmen                 |
| Susan Basile              | Member At Large, Halifax Traffic Committee |
| Claudia Motta             | Principal, Halifax Elementary School       |
| Richard Madsen            | MassDOT – District Five                    |
| Lisa Schletzbaum          | MassDOT – Highway Safety Division          |
| Tim White                 | Federal Highway Administration             |
| Bill McNulty              | Old Colony Planning Council                |
| Rodrigo Marion            | Old Colony Planning Council                |
| Jed Cornock               | Old Colony Planning Council                |

**Appendix B – Maps**





# HALIFAX ROAD SAFETY AUDIT

AERIAL IMAGE  
OF STUDY AREA

FIGURE B2





## Appendix C – Traffic Data

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

| Start Time | 21-Sep-09 |    | Tue |    | Wed        |            | Thu        |            | Fri |    | Sat |    | Sun |    | Week Average |            |
|------------|-----------|----|-----|----|------------|------------|------------|------------|-----|----|-----|----|-----|----|--------------|------------|
|            | EB        | WB | EB  | WB | EB         | WB         | EB         | WB         | EB  | WB | EB  | WB | EB  | WB | EB           | WB         |
| 12:00 AM   | *         | *  | *   | *  | 34         | 19         | 34         | 23         | *   | *  | *   | *  | *   | *  | 34           | 21         |
| 01:00      | *         | *  | *   | *  | 15         | 14         | 17         | 18         | *   | *  | *   | *  | *   | *  | 16           | 16         |
| 02:00      | *         | *  | *   | *  | 9          | 10         | 19         | 12         | *   | *  | *   | *  | *   | *  | 14           | 11         |
| 03:00      | *         | *  | *   | *  | 13         | 11         | 8          | 13         | *   | *  | *   | *  | *   | *  | 10           | 12         |
| 04:00      | *         | *  | *   | *  | 21         | 61         | 31         | 53         | *   | *  | *   | *  | *   | *  | 26           | 57         |
| 05:00      | *         | *  | *   | *  | 72         | 141        | 75         | 144        | *   | *  | *   | *  | *   | *  | 74           | 142        |
| 06:00      | *         | *  | *   | *  | 258        | 284        | 268        | 279        | *   | *  | *   | *  | *   | *  | 263          | 282        |
| 07:00      | *         | *  | *   | *  | <b>418</b> | <b>579</b> | 400        | <b>596</b> | *   | *  | *   | *  | *   | *  | 409          | <b>588</b> |
| 08:00      | *         | *  | *   | *  | 407        | 511        | <b>429</b> | 457        | *   | *  | *   | *  | *   | *  | <b>418</b>   | 484        |
| 09:00      | *         | *  | *   | *  | 339        | 316        | 355        | 391        | *   | *  | *   | *  | *   | *  | 347          | 354        |
| 10:00      | *         | *  | *   | *  | 343        | 336        | 329        | 343        | *   | *  | *   | *  | *   | *  | 336          | 340        |
| 11:00      | *         | *  | *   | *  | 329        | 334        | 346        | 319        | *   | *  | *   | *  | *   | *  | 338          | 326        |
| 12:00 PM   | *         | *  | *   | *  | 375        | 351        | 412        | 376        | *   | *  | *   | *  | *   | *  | 394          | 364        |
| 01:00      | *         | *  | *   | *  | 379        | 356        | 380        | 371        | *   | *  | *   | *  | *   | *  | 380          | 364        |
| 02:00      | *         | *  | *   | *  | 411        | 456        | 465        | 419        | *   | *  | *   | *  | *   | *  | 438          | 438        |
| 03:00      | *         | *  | *   | *  | 586        | 465        | 517        | 505        | *   | *  | *   | *  | *   | *  | 552          | 485        |
| 04:00      | *         | *  | *   | *  | 567        | 514        | <b>660</b> | <b>547</b> | *   | *  | *   | *  | *   | *  | 614          | 530        |
| 05:00      | *         | *  | *   | *  | <b>610</b> | <b>561</b> | 641        | 534        | *   | *  | *   | *  | *   | *  | <b>626</b>   | <b>548</b> |
| 06:00      | *         | *  | *   | *  | 493        | 445        | 463        | 418        | *   | *  | *   | *  | *   | *  | 478          | 432        |
| 07:00      | *         | *  | *   | *  | 306        | 262        | 274        | 325        | *   | *  | *   | *  | *   | *  | 290          | 294        |
| 08:00      | *         | *  | *   | *  | 210        | 218        | 183        | 214        | *   | *  | *   | *  | *   | *  | 196          | 216        |
| 09:00      | *         | *  | *   | *  | 152        | 170        | 178        | 148        | *   | *  | *   | *  | *   | *  | 165          | 159        |
| 10:00      | *         | *  | *   | *  | 90         | 103        | 77         | 106        | *   | *  | *   | *  | *   | *  | 84           | 104        |
| 11:00      | *         | *  | *   | *  | 49         | 54         | 54         | 69         | *   | *  | *   | *  | *   | *  | 52           | 62         |
| Total      | 0         | 0  | 0   | 0  | 6486       | 6571       | 6615       | 6680       | 0   | 0  | 0   | 0  | 0   | 0  | 6554         | 6629       |
| Day        | 0         | 0  | 0   | 0  | 13057      |            | 13295      |            | 0   | 0  | 0   | 0  | 0   | 0  | 13183        |            |
| AM Peak    |           |    |     |    | 07:00      | 07:00      | 08:00      | 07:00      |     |    |     |    |     |    | 08:00        | 07:00      |
| Vol.       |           |    |     |    | 418        | 579        | 429        | 596        |     |    |     |    |     |    | 418          | 588        |
| PM Peak    |           |    |     |    | 17:00      | 17:00      | 16:00      | 16:00      |     |    |     |    |     |    | 17:00        | 17:00      |
| Vol.       |           |    |     |    | 610        | 561        | 660        | 547        |     |    |     |    |     |    | 626          | 548        |

Comb. Total                    0                    0                    13057                    13295                    0                    0                    0                    13183

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

| Start Time | 21-Sep-09<br>Mon | 22-Sep-09<br>Tue | 23-Sep-09<br>Wed | 24-Sep-09<br>Thu | 25-Sep-09<br>Fri | 26-Sep-09<br>Sat | 27-Sep-09<br>Sun | Week<br>Average |
|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| 12:00 AM   | *                | *                | 53               | 57               | *                | *                | *                | 55              |
| 01:00      | *                | *                | 29               | 35               | *                | *                | *                | 32              |
| 02:00      | *                | *                | 19               | 31               | *                | *                | *                | 25              |
| 03:00      | *                | *                | 24               | 21               | *                | *                | *                | 22              |
| 04:00      | *                | *                | 82               | 84               | *                | *                | *                | 83              |
| 05:00      | *                | *                | 213              | 219              | *                | *                | *                | 216             |
| 06:00      | *                | *                | 542              | 547              | *                | *                | *                | 544             |
| 07:00      | *                | *                | <b>997</b>       | <b>996</b>       | *                | *                | *                | <b>996</b>      |
| 08:00      | *                | *                | 918              | 886              | *                | *                | *                | 902             |
| 09:00      | *                | *                | 655              | 746              | *                | *                | *                | 700             |
| 10:00      | *                | *                | 679              | 672              | *                | *                | *                | 676             |
| 11:00      | *                | *                | 663              | 665              | *                | *                | *                | 664             |
| 12:00 PM   | *                | *                | 726              | 788              | *                | *                | *                | 757             |
| 01:00      | *                | *                | 735              | 751              | *                | *                | *                | 743             |
| 02:00      | *                | *                | 867              | 884              | *                | *                | *                | 876             |
| 03:00      | *                | *                | 1051             | 1022             | *                | *                | *                | 1036            |
| 04:00      | *                | *                | 1081             | <b>1207</b>      | *                | *                | *                | 1144            |
| 05:00      | *                | *                | <b>1171</b>      | 1175             | *                | *                | *                | <b>1173</b>     |
| 06:00      | *                | *                | 938              | 881              | *                | *                | *                | 910             |
| 07:00      | *                | *                | 568              | 599              | *                | *                | *                | 584             |
| 08:00      | *                | *                | 428              | 397              | *                | *                | *                | 412             |
| 09:00      | *                | *                | 322              | 326              | *                | *                | *                | 324             |
| 10:00      | *                | *                | 193              | 183              | *                | *                | *                | 188             |
| 11:00      | *                | *                | 103              | 123              | *                | *                | *                | 113             |
| Total      | 0                | 0                | 13057            | 13295            | 0                | 0                | 0                | 13175           |
| Percentage | 0.0%             | 0.0%             | 99.1%            | 100.9%           | 0.0%             | 0.0%             | 0.0%             |                 |
| AM Peak    |                  |                  | 07:00            | 07:00            |                  |                  |                  | 07:00           |
| Vol.       |                  |                  | 997              | 996              |                  |                  |                  | 996             |
| PM Peak    |                  |                  | 17:00            | 16:00            |                  |                  |                  | 17:00           |
| Vol.       |                  |                  | 1171             | 1207             |                  |                  |                  | 1173            |

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 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

EB

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/23/09   | 0       | 0        | 0        | 4        | 3        | 14       | 9        | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 34    |
| 01:00      | 0       | 0        | 0        | 0        | 1        | 4        | 3        | 6        | 1        | 0        | 0        | 0        | 0        | 0         | 15    |
| 02:00      | 0       | 0        | 0        | 0        | 1        | 4        | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 9     |
| 03:00      | 0       | 0        | 0        | 0        | 2        | 4        | 6        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 13    |
| 04:00      | 0       | 0        | 0        | 0        | 0        | 12       | 6        | 2        | 1        | 0        | 0        | 0        | 0        | 0         | 21    |
| 05:00      | 2       | 2        | 0        | 4        | 4        | 29       | 25       | 5        | 0        | 1        | 0        | 0        | 0        | 0         | 72    |
| 06:00      | 10      | 1        | 2        | 4        | 40       | 110      | 80       | 10       | 1        | 0        | 0        | 0        | 0        | 0         | 258   |
| 07:00      | 22      | 0        | 1        | 7        | 37       | 214      | 122      | 15       | 0        | 0        | 0        | 0        | 0        | 0         | 418   |
| 08:00      | 25      | 2        | 2        | 22       | 62       | 161      | 111      | 20       | 2        | 0        | 0        | 0        | 0        | 0         | 407   |
| 09:00      | 14      | 1        | 7        | 22       | 51       | 120      | 98       | 25       | 1        | 0        | 0        | 0        | 0        | 0         | 339   |
| 10:00      | 14      | 1        | 4        | 23       | 57       | 134      | 94       | 13       | 3        | 0        | 0        | 0        | 0        | 0         | 343   |
| 11:00      | 8       | 1        | 3        | 17       | 46       | 112      | 123      | 17       | 2        | 0        | 0        | 0        | 0        | 0         | 329   |
| 12 PM      | 6       | 1        | 2        | 10       | 55       | 149      | 127      | 24       | 1        | 0        | 0        | 0        | 0        | 0         | 375   |
| 13:00      | 19      | 1        | 7        | 20       | 51       | 149      | 106      | 24       | 2        | 0        | 0        | 0        | 0        | 0         | 379   |
| 14:00      | 15      | 3        | 4        | 22       | 65       | 151      | 133      | 16       | 2        | 0        | 0        | 0        | 0        | 0         | 411   |
| 15:00      | 31      | 3        | 5        | 28       | 98       | 230      | 165      | 24       | 2        | 0        | 0        | 0        | 0        | 0         | 586   |
| 16:00      | 20      | 5        | 15       | 19       | 102      | 240      | 138      | 27       | 1        | 0        | 0        | 0        | 0        | 0         | 567   |
| 17:00      | 33      | 0        | 1        | 6        | 52       | 280      | 215      | 22       | 1        | 0        | 0        | 0        | 0        | 0         | 610   |
| 18:00      | 20      | 0        | 0        | 11       | 43       | 204      | 194      | 20       | 1        | 0        | 0        | 0        | 0        | 0         | 493   |
| 19:00      | 8       | 1        | 1        | 1        | 32       | 138      | 108      | 16       | 1        | 0        | 0        | 0        | 0        | 0         | 306   |
| 20:00      | 10      | 0        | 0        | 2        | 27       | 87       | 69       | 14       | 1        | 0        | 0        | 0        | 0        | 0         | 210   |
| 21:00      | 2       | 0        | 0        | 1        | 9        | 74       | 53       | 12       | 1        | 0        | 0        | 0        | 0        | 0         | 152   |
| 22:00      | 3       | 0        | 0        | 0        | 5        | 37       | 33       | 8        | 4        | 0        | 0        | 0        | 0        | 0         | 90    |
| 23:00      | 1       | 0        | 1        | 0        | 2        | 13       | 28       | 3        | 0        | 0        | 1        | 0        | 0        | 0         | 49    |
| Total      | 263     | 22       | 55       | 223      | 845      | 2670     | 2049     | 329      | 28       | 1        | 1        | 0        | 0        | 0         | 6486  |

Daily  
 15th Percentile : 33 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 44 MPH  
 95th Percentile : 46 MPH  
  
 Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 4719  
 Percent in Pace : 72.8%  
 Number of Vehicles > 35 MPH : 5078  
 Percent of Vehicles > 35 MPH : 78.3%



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|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/24/09   | 0       | 1        | 0        | 0        | 6        | 12       | 13       | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 34    |
| 01:00      | 0       | 0        | 0        | 0        | 0        | 9        | 5        | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 17    |
| 02:00      | 0       | 0        | 0        | 0        | 2        | 8        | 6        | 2        | 0        | 0        | 0        | 0        | 0        | 1         | 19    |
| 03:00      | 0       | 0        | 0        | 0        | 1        | 1        | 4        | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 8     |
| 04:00      | 0       | 0        | 0        | 0        | 2        | 9        | 14       | 5        | 0        | 1        | 0        | 0        | 0        | 0         | 31    |
| 05:00      | 3       | 0        | 2        | 1        | 11       | 30       | 19       | 8        | 1        | 0        | 0        | 0        | 0        | 0         | 75    |
| 06:00      | 10      | 0        | 4        | 8        | 29       | 116      | 83       | 16       | 2        | 0        | 0        | 0        | 0        | 0         | 268   |
| 07:00      | 21      | 4        | 7        | 9        | 42       | 163      | 127      | 22       | 5        | 0        | 0        | 0        | 0        | 0         | 400   |
| 08:00      | 21      | 2        | 7        | 12       | 60       | 181      | 125      | 21       | 0        | 0        | 0        | 0        | 0        | 0         | 429   |
| 09:00      | 23      | 1        | 7        | 19       | 58       | 141      | 82       | 22       | 2        | 0        | 0        | 0        | 0        | 0         | 355   |
| 10:00      | 11      | 0        | 2        | 16       | 50       | 126      | 99       | 23       | 2        | 0        | 0        | 0        | 0        | 0         | 329   |
| 11:00      | 6       | 2        | 3        | 8        | 33       | 153      | 118      | 23       | 0        | 0        | 0        | 0        | 0        | 0         | 346   |
| 12 PM      | 15      | 2        | 5        | 21       | 60       | 145      | 131      | 32       | 1        | 0        | 0        | 0        | 0        | 0         | 412   |
| 13:00      | 16      | 0        | 10       | 15       | 61       | 118      | 142      | 16       | 1        | 1        | 0        | 0        | 0        | 0         | 380   |
| 14:00      | 18      | 5        | 10       | 25       | 103      | 183      | 96       | 22       | 1        | 1        | 1        | 0        | 0        | 0         | 465   |
| 15:00      | 34      | 5        | 15       | 24       | 92       | 227      | 105      | 14       | 1        | 0        | 0        | 0        | 0        | 0         | 517   |
| 16:00      | 47      | 11       | 18       | 27       | 150      | 285      | 120      | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 660   |
| 17:00      | 27      | 0        | 1        | 15       | 75       | 308      | 193      | 21       | 1        | 0        | 0        | 0        | 0        | 0         | 641   |
| 18:00      | 14      | 0        | 3        | 7        | 51       | 194      | 181      | 12       | 1        | 0        | 0        | 0        | 0        | 0         | 463   |
| 19:00      | 10      | 0        | 0        | 2        | 36       | 136      | 82       | 7        | 1        | 0        | 0        | 0        | 0        | 0         | 274   |
| 20:00      | 3       | 0        | 0        | 0        | 23       | 70       | 70       | 17       | 0        | 0        | 0        | 0        | 0        | 0         | 183   |
| 21:00      | 2       | 1        | 0        | 1        | 14       | 76       | 71       | 12       | 1        | 0        | 0        | 0        | 0        | 0         | 178   |
| 22:00      | 1       | 0        | 1        | 1        | 3        | 23       | 38       | 9        | 1        | 0        | 0        | 0        | 0        | 0         | 77    |
| 23:00      | 0       | 0        | 0        | 1        | 2        | 25       | 20       | 6        | 0        | 0        | 0        | 0        | 0        | 0         | 54    |
| Total      | 282     | 34       | 95       | 212      | 964      | 2739     | 1944     | 319      | 21       | 3        | 1        | 0        | 0        | 1         | 6615  |

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 44 MPH  
 95th Percentile : 46 MPH  
  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 4683  
 Percent in Pace : 70.8%  
 Number of Vehicles > 35 MPH : 5028  
 Percent of Vehicles > 35 MPH : 76.0%

|             |     |    |     |     |      |      |      |     |    |   |   |   |   |   |       |
|-------------|-----|----|-----|-----|------|------|------|-----|----|---|---|---|---|---|-------|
| Grand Total | 545 | 56 | 150 | 435 | 1809 | 5409 | 3993 | 648 | 49 | 4 | 2 | 0 | 0 | 1 | 13101 |
|-------------|-----|----|-----|-----|------|------|------|-----|----|---|---|---|---|---|-------|

Overall  
 15th Percentile : 33 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 44 MPH  
 95th Percentile : 46 MPH  
  
 Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 9402  
 Percent in Pace : 71.8%  
 Number of Vehicles > 35 MPH : 10106  
 Percent of Vehicles > 35 MPH : 77.1%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

WB

| Start Time | 15  | 20 | 25 | 30  | 35   | 40   | 45   | 50  | 55 | 60 | 65 | 70 | 75 | 999 | Total |
|------------|-----|----|----|-----|------|------|------|-----|----|----|----|----|----|-----|-------|
| 09/23/09   | 0   | 0  | 0  | 0   | 2    | 9    | 6    | 2   | 0  | 0  | 0  | 0  | 0  | 0   | 19    |
| 01:00      | 0   | 0  | 0  | 1   | 2    | 6    | 4    | 1   | 0  | 0  | 0  | 0  | 0  | 0   | 14    |
| 02:00      | 0   | 0  | 0  | 1   | 0    | 6    | 2    | 0   | 1  | 0  | 0  | 0  | 0  | 0   | 10    |
| 03:00      | 0   | 0  | 0  | 0   | 2    | 5    | 1    | 1   | 0  | 1  | 1  | 0  | 0  | 0   | 11    |
| 04:00      | 0   | 0  | 1  | 0   | 7    | 26   | 23   | 3   | 1  | 0  | 0  | 0  | 0  | 0   | 61    |
| 05:00      | 2   | 0  | 1  | 2   | 22   | 59   | 48   | 6   | 1  | 0  | 0  | 0  | 0  | 0   | 141   |
| 06:00      | 8   | 3  | 6  | 2   | 82   | 148  | 32   | 2   | 1  | 0  | 0  | 0  | 0  | 0   | 284   |
| 07:00      | 29  | 0  | 0  | 12  | 146  | 300  | 89   | 3   | 0  | 0  | 0  | 0  | 0  | 0   | 579   |
| 08:00      | 27  | 0  | 5  | 47  | 117  | 237  | 73   | 5   | 0  | 0  | 0  | 0  | 0  | 0   | 511   |
| 09:00      | 9   | 1  | 1  | 22  | 84   | 142  | 52   | 5   | 0  | 0  | 0  | 0  | 0  | 0   | 316   |
| 10:00      | 14  | 1  | 2  | 17  | 69   | 170  | 61   | 2   | 0  | 0  | 0  | 0  | 0  | 0   | 336   |
| 11:00      | 16  | 0  | 1  | 18  | 86   | 153  | 57   | 1   | 2  | 0  | 0  | 0  | 0  | 0   | 334   |
| 12 PM      | 15  | 1  | 3  | 13  | 64   | 167  | 79   | 9   | 0  | 0  | 0  | 0  | 0  | 0   | 351   |
| 13:00      | 20  | 0  | 2  | 23  | 72   | 171  | 61   | 7   | 0  | 0  | 0  | 0  | 0  | 0   | 356   |
| 14:00      | 21  | 3  | 2  | 29  | 164  | 178  | 54   | 4   | 1  | 0  | 0  | 0  | 0  | 0   | 456   |
| 15:00      | 31  | 1  | 7  | 34  | 117  | 201  | 65   | 9   | 0  | 0  | 0  | 0  | 0  | 0   | 465   |
| 16:00      | 30  | 0  | 4  | 23  | 143  | 241  | 64   | 9   | 0  | 0  | 0  | 0  | 0  | 0   | 514   |
| 17:00      | 45  | 1  | 10 | 15  | 106  | 294  | 79   | 10  | 1  | 0  | 0  | 0  | 0  | 0   | 561   |
| 18:00      | 23  | 3  | 1  | 12  | 81   | 226  | 91   | 8   | 0  | 0  | 0  | 0  | 0  | 0   | 445   |
| 19:00      | 6   | 3  | 1  | 8   | 45   | 149  | 46   | 4   | 0  | 0  | 0  | 0  | 0  | 0   | 262   |
| 20:00      | 6   | 1  | 1  | 1   | 33   | 113  | 57   | 5   | 0  | 0  | 1  | 0  | 0  | 0   | 218   |
| 21:00      | 1   | 0  | 1  | 1   | 23   | 102  | 41   | 1   | 0  | 0  | 0  | 0  | 0  | 0   | 170   |
| 22:00      | 1   | 0  | 0  | 0   | 14   | 54   | 32   | 2   | 0  | 0  | 0  | 0  | 0  | 0   | 103   |
| 23:00      | 0   | 0  | 0  | 0   | 3    | 30   | 16   | 5   | 0  | 0  | 0  | 0  | 0  | 0   | 54    |
| Total      | 304 | 18 | 49 | 281 | 1484 | 3187 | 1133 | 104 | 8  | 1  | 2  | 0  | 0  | 0   | 6571  |

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 4671  
 Percent in Pace : 71.1%  
 Number of Vehicles > 35 MPH : 4435  
 Percent of Vehicles > 35 MPH : 67.5%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

WB

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/24/09   | 0       | 0        | 1        | 0        | 1        | 14       | 7        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 23    |
| 01:00      | 0       | 0        | 0        | 1        | 1        | 12       | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 18    |
| 02:00      | 0       | 0        | 0        | 0        | 2        | 7        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12    |
| 03:00      | 0       | 0        | 0        | 0        | 2        | 6        | 4        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 13    |
| 04:00      | 0       | 0        | 0        | 1        | 4        | 23       | 22       | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 53    |
| 05:00      | 1       | 0        | 1        | 3        | 11       | 79       | 41       | 7        | 1        | 0        | 0        | 0        | 0        | 0         | 144   |
| 06:00      | 7       | 3        | 5        | 7        | 61       | 134      | 59       | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 279   |
| 07:00      | 32      | 0        | 1        | 12       | 164      | 317      | 66       | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 596   |
| 08:00      | 18      | 0        | 5        | 24       | 130      | 207      | 69       | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 457   |
| 09:00      | 19      | 2        | 6        | 15       | 116      | 177      | 51       | 5        | 0        | 0        | 0        | 0        | 0        | 0         | 391   |
| 10:00      | 13      | 1        | 4        | 20       | 72       | 184      | 47       | 1        | 0        | 1        | 0        | 0        | 0        | 0         | 343   |
| 11:00      | 12      | 0        | 2        | 11       | 54       | 159      | 74       | 7        | 0        | 0        | 0        | 0        | 0        | 0         | 319   |
| 12 PM      | 13      | 1        | 6        | 12       | 100      | 168      | 69       | 6        | 1        | 0        | 0        | 0        | 0        | 0         | 376   |
| 13:00      | 25      | 1        | 3        | 15       | 119      | 153      | 49       | 6        | 0        | 0        | 0        | 0        | 0        | 0         | 371   |
| 14:00      | 26      | 1        | 10       | 53       | 141      | 152      | 34       | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 419   |
| 15:00      | 33      | 1        | 2        | 21       | 182      | 228      | 30       | 7        | 1        | 0        | 0        | 0        | 0        | 0         | 505   |
| 16:00      | 43      | 0        | 10       | 35       | 166      | 249      | 43       | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 547   |
| 17:00      | 41      | 0        | 3        | 13       | 159      | 255      | 56       | 7        | 0        | 0        | 0        | 0        | 0        | 0         | 534   |
| 18:00      | 23      | 1        | 3        | 16       | 92       | 200      | 79       | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 418   |
| 19:00      | 13      | 0        | 1        | 7        | 89       | 163      | 47       | 4        | 1        | 0        | 0        | 0        | 0        | 0         | 325   |
| 20:00      | 4       | 0        | 0        | 1        | 47       | 107      | 52       | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 214   |
| 21:00      | 2       | 0        | 0        | 1        | 18       | 74       | 50       | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 148   |
| 22:00      | 3       | 0        | 1        | 1        | 10       | 54       | 31       | 4        | 1        | 1        | 0        | 0        | 0        | 0         | 106   |
| 23:00      | 0       | 1        | 0        | 3        | 8        | 28       | 25       | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 69    |
| Total      | 328     | 12       | 64       | 272      | 1749     | 3150     | 1011     | 87       | 5        | 2        | 0        | 0        | 0        | 0         | 6680  |

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 44 MPH  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 4899  
 Percent in Pace : 73.3%  
 Number of Vehicles > 35 MPH : 4255  
 Percent of Vehicles > 35 MPH : 63.7%

|             |     |    |     |     |      |      |      |     |    |   |   |   |   |   |       |
|-------------|-----|----|-----|-----|------|------|------|-----|----|---|---|---|---|---|-------|
| Grand Total | 632 | 30 | 113 | 553 | 3233 | 6337 | 2144 | 191 | 13 | 3 | 2 | 0 | 0 | 0 | 13251 |
|-------------|-----|----|-----|-----|------|------|------|-----|----|---|---|---|---|---|-------|

Overall  
 15th Percentile : 32 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 44 MPH  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 9570  
 Percent in Pace : 72.2%  
 Number of Vehicles > 35 MPH : 8690  
 Percent of Vehicles > 35 MPH : 65.6%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

EB, WB

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/23/09   | 0       | 0        | 0        | 4        | 5        | 23       | 15       | 6        | 0        | 0        | 0        | 0        | 0        | 0         | 53    |
| 01:00      | 0       | 0        | 0        | 1        | 3        | 10       | 7        | 7        | 1        | 0        | 0        | 0        | 0        | 0         | 29    |
| 02:00      | 0       | 0        | 0        | 1        | 1        | 10       | 5        | 1        | 1        | 0        | 0        | 0        | 0        | 0         | 19    |
| 03:00      | 0       | 0        | 0        | 0        | 4        | 9        | 7        | 2        | 0        | 1        | 1        | 0        | 0        | 0         | 24    |
| 04:00      | 0       | 0        | 1        | 0        | 7        | 38       | 29       | 5        | 2        | 0        | 0        | 0        | 0        | 0         | 82    |
| 05:00      | 4       | 2        | 1        | 6        | 26       | 88       | 73       | 11       | 1        | 1        | 0        | 0        | 0        | 0         | 213   |
| 06:00      | 18      | 4        | 8        | 6        | 122      | 258      | 112      | 12       | 2        | 0        | 0        | 0        | 0        | 0         | 542   |
| 07:00      | 51      | 0        | 1        | 19       | 183      | 514      | 211      | 18       | 0        | 0        | 0        | 0        | 0        | 0         | 997   |
| 08:00      | 52      | 2        | 7        | 69       | 179      | 398      | 184      | 25       | 2        | 0        | 0        | 0        | 0        | 0         | 918   |
| 09:00      | 23      | 2        | 8        | 44       | 135      | 262      | 150      | 30       | 1        | 0        | 0        | 0        | 0        | 0         | 655   |
| 10:00      | 28      | 2        | 6        | 40       | 126      | 304      | 155      | 15       | 3        | 0        | 0        | 0        | 0        | 0         | 679   |
| 11:00      | 24      | 1        | 4        | 35       | 132      | 265      | 180      | 18       | 4        | 0        | 0        | 0        | 0        | 0         | 663   |
| 12 PM      | 21      | 2        | 5        | 23       | 119      | 316      | 206      | 33       | 1        | 0        | 0        | 0        | 0        | 0         | 726   |
| 13:00      | 39      | 1        | 9        | 43       | 123      | 320      | 167      | 31       | 2        | 0        | 0        | 0        | 0        | 0         | 735   |
| 14:00      | 36      | 6        | 6        | 51       | 229      | 329      | 187      | 20       | 3        | 0        | 0        | 0        | 0        | 0         | 867   |
| 15:00      | 62      | 4        | 12       | 62       | 215      | 431      | 230      | 33       | 2        | 0        | 0        | 0        | 0        | 0         | 1051  |
| 16:00      | 50      | 5        | 19       | 42       | 245      | 481      | 202      | 36       | 1        | 0        | 0        | 0        | 0        | 0         | 1081  |
| 17:00      | 78      | 1        | 11       | 21       | 158      | 574      | 294      | 32       | 2        | 0        | 0        | 0        | 0        | 0         | 1171  |
| 18:00      | 43      | 3        | 1        | 23       | 124      | 430      | 285      | 28       | 1        | 0        | 0        | 0        | 0        | 0         | 938   |
| 19:00      | 14      | 4        | 2        | 9        | 77       | 287      | 154      | 20       | 1        | 0        | 0        | 0        | 0        | 0         | 568   |
| 20:00      | 16      | 1        | 1        | 3        | 60       | 200      | 126      | 19       | 1        | 0        | 1        | 0        | 0        | 0         | 428   |
| 21:00      | 3       | 0        | 1        | 2        | 32       | 176      | 94       | 13       | 1        | 0        | 0        | 0        | 0        | 0         | 322   |
| 22:00      | 4       | 0        | 0        | 0        | 19       | 91       | 65       | 10       | 4        | 0        | 0        | 0        | 0        | 0         | 193   |
| 23:00      | 1       | 0        | 1        | 0        | 5        | 43       | 44       | 8        | 0        | 0        | 1        | 0        | 0        | 0         | 103   |
| Total      | 567     | 40       | 104      | 504      | 2329     | 5857     | 3182     | 433      | 36       | 2        | 3        | 0        | 0        | 0         | 13057 |

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 9039  
 Percent in Pace : 69.2%  
 Number of Vehicles > 35 MPH : 9513  
 Percent of Vehicles > 35 MPH : 72.9%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

EB, WB

| Start Time | 15  | 20 | 25  | 30  | 35   | 40   | 45   | 50  | 55 | 60 | 65 | 70 | 75 | 999 | Total |
|------------|-----|----|-----|-----|------|------|------|-----|----|----|----|----|----|-----|-------|
| 09/24/09   | 0   | 1  | 1   | 0   | 7    | 26   | 20   | 2   | 0  | 0  | 0  | 0  | 0  | 0   | 57    |
| 01:00      | 0   | 0  | 0   | 1   | 1    | 21   | 8    | 4   | 0  | 0  | 0  | 0  | 0  | 0   | 35    |
| 02:00      | 0   | 0  | 0   | 0   | 4    | 15   | 9    | 2   | 0  | 0  | 0  | 0  | 0  | 1   | 31    |
| 03:00      | 0   | 0  | 0   | 0   | 3    | 7    | 8    | 3   | 0  | 0  | 0  | 0  | 0  | 0   | 21    |
| 04:00      | 0   | 0  | 0   | 1   | 6    | 32   | 36   | 8   | 0  | 1  | 0  | 0  | 0  | 0   | 84    |
| 05:00      | 4   | 0  | 3   | 4   | 22   | 109  | 60   | 15  | 2  | 0  | 0  | 0  | 0  | 0   | 219   |
| 06:00      | 17  | 3  | 9   | 15  | 90   | 250  | 142  | 19  | 2  | 0  | 0  | 0  | 0  | 0   | 547   |
| 07:00      | 53  | 4  | 8   | 21  | 206  | 480  | 193  | 26  | 5  | 0  | 0  | 0  | 0  | 0   | 996   |
| 08:00      | 39  | 2  | 12  | 36  | 190  | 388  | 194  | 25  | 0  | 0  | 0  | 0  | 0  | 0   | 886   |
| 09:00      | 42  | 3  | 13  | 34  | 174  | 318  | 133  | 27  | 2  | 0  | 0  | 0  | 0  | 0   | 746   |
| 10:00      | 24  | 1  | 6   | 36  | 122  | 310  | 146  | 24  | 2  | 1  | 0  | 0  | 0  | 0   | 672   |
| 11:00      | 18  | 2  | 5   | 19  | 87   | 312  | 192  | 30  | 0  | 0  | 0  | 0  | 0  | 0   | 665   |
| 12 PM      | 28  | 3  | 11  | 33  | 160  | 313  | 200  | 38  | 2  | 0  | 0  | 0  | 0  | 0   | 788   |
| 13:00      | 41  | 1  | 13  | 30  | 180  | 271  | 191  | 22  | 1  | 1  | 0  | 0  | 0  | 0   | 751   |
| 14:00      | 44  | 6  | 20  | 78  | 244  | 335  | 130  | 24  | 1  | 1  | 1  | 0  | 0  | 0   | 884   |
| 15:00      | 67  | 6  | 17  | 45  | 274  | 455  | 135  | 21  | 2  | 0  | 0  | 0  | 0  | 0   | 1022  |
| 16:00      | 90  | 11 | 28  | 62  | 316  | 534  | 163  | 3   | 0  | 0  | 0  | 0  | 0  | 0   | 1207  |
| 17:00      | 68  | 0  | 4   | 28  | 234  | 563  | 249  | 28  | 1  | 0  | 0  | 0  | 0  | 0   | 1175  |
| 18:00      | 37  | 1  | 6   | 23  | 143  | 394  | 260  | 16  | 1  | 0  | 0  | 0  | 0  | 0   | 881   |
| 19:00      | 23  | 0  | 1   | 9   | 125  | 299  | 129  | 11  | 2  | 0  | 0  | 0  | 0  | 0   | 599   |
| 20:00      | 7   | 0  | 0   | 1   | 70   | 177  | 122  | 20  | 0  | 0  | 0  | 0  | 0  | 0   | 397   |
| 21:00      | 4   | 1  | 0   | 2   | 32   | 150  | 121  | 15  | 1  | 0  | 0  | 0  | 0  | 0   | 326   |
| 22:00      | 4   | 0  | 2   | 2   | 13   | 77   | 69   | 13  | 2  | 1  | 0  | 0  | 0  | 0   | 183   |
| 23:00      | 0   | 1  | 0   | 4   | 10   | 53   | 45   | 10  | 0  | 0  | 0  | 0  | 0  | 0   | 123   |
| Total      | 610 | 46 | 159 | 484 | 2713 | 5889 | 2955 | 406 | 26 | 5  | 1  | 0  | 0  | 1   | 13295 |

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 8844  
 Percent in Pace : 66.5%  
 Number of Vehicles > 35 MPH : 9283  
 Percent of Vehicles > 35 MPH : 69.8%

| Grand Total | 1177 | 86 | 263 | 988 | 5042 | 11746 | 6137 | 839 | 62 | 7 | 4 | 0 | 0 | 1 | 26352 |
|-------------|------|----|-----|-----|------|-------|------|-----|----|---|---|---|---|---|-------|
|-------------|------|----|-----|-----|------|-------|------|-----|----|---|---|---|---|---|-------|

Overall  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 17883  
 Percent in Pace : 67.9%  
 Number of Vehicles > 35 MPH : 18796  
 Percent of Vehicles > 35 MPH : 71.3%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

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 | Truck Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/23/09   | 0     | 22              | 9           | 1     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 34    | 3           |
| 01:00      | 1     | 9               | 5           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 15    | 0           |
| 02:00      | 0     | 5               | 3           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 9     | 1           |
| 03:00      | 0     | 6               | 5           | 0     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 13    | 2           |
| 04:00      | 0     | 11              | 5           | 1     | 4             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 21    | 5           |
| 05:00      | 0     | 43              | 18          | 3     | 6             | 1             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 72    | 11          |
| 06:00      | 3     | 149             | 72          | 4     | 23            | 1             | 0             | 3             | 3             | 0             | 0            | 0            | 0            | 258   | 34          |
| 07:00      | 4     | 226             | 125         | 8     | 36            | 6             | 1             | 5             | 6             | 0             | 0            | 0            | 0            | 417   | 62          |
| 08:00      | 4     | 218             | 139         | 6     | 32            | 3             | 1             | 1             | 1             | 1             | 0            | 0            | 0            | 406   | 45          |
| 09:00      | 4     | 211             | 93          | 2     | 21            | 1             | 0             | 3             | 4             | 0             | 0            | 0            | 0            | 339   | 31          |
| 10:00      | 2     | 201             | 97          | 3     | 34            | 2             | 0             | 4             | 0             | 0             | 0            | 0            | 0            | 343   | 43          |
| 11:00      | 1     | 200             | 94          | 1     | 24            | 1             | 0             | 6             | 2             | 0             | 0            | 0            | 0            | 329   | 34          |
| 12 PM      | 1     | 227             | 107         | 4     | 31            | 2             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 375   | 40          |
| 13:00      | 5     | 221             | 116         | 3     | 29            | 4             | 1             | 0             | 0             | 0             | 0            | 0            | 0            | 379   | 37          |
| 14:00      | 8     | 252             | 115         | 4     | 22            | 3             | 0             | 1             | 5             | 0             | 0            | 0            | 0            | 410   | 35          |
| 15:00      | 5     | 355             | 176         | 1     | 44            | 3             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 585   | 49          |
| 16:00      | 8     | 319             | 178         | 2     | 49            | 4             | 0             | 3             | 2             | 1             | 0            | 0            | 0            | 566   | 61          |
| 17:00      | 5     | 388             | 176         | 0     | 37            | 0             | 0             | 1             | 2             | 0             | 0            | 0            | 0            | 609   | 40          |
| 18:00      | 8     | 313             | 122         | 0     | 47            | 0             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 492   | 49          |
| 19:00      | 11    | 188             | 85          | 0     | 18            | 4             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 306   | 22          |
| 20:00      | 2     | 143             | 52          | 0     | 13            | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 210   | 13          |
| 21:00      | 3     | 108             | 33          | 1     | 7             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 152   | 8           |
| 22:00      | 0     | 65              | 23          | 0     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 90    | 2           |
| 23:00      | 1     | 32              | 13          | 0     | 3             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 49    | 3           |
| Total      | 76    | 3912            | 1861        | 44    | 487           | 35            | 3             | 32            | 27            | 2             | 0            | 0            | 0            | 6479  | 630         |
| Percent    | 1.2%  | 60.4%           | 28.7%       | 0.7%  | 7.5%          | 0.5%          | 0.0%          | 0.5%          | 0.4%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 9.7%        |
| AM Peak    | 07:00 | 07:00           | 08:00       | 07:00 | 07:00         | 07:00         | 07:00         | 11:00         | 07:00         | 08:00         |              |              |              | 07:00 | 07:00       |
| Vol.       | 4     | 226             | 139         | 8     | 36            | 6             | 1             | 6             | 6             | 1             |              |              |              | 417   | 62          |
| PM Peak    | 19:00 | 17:00           | 16:00       | 12:00 | 16:00         | 13:00         | 13:00         | 12:00         | 14:00         | 16:00         |              |              |              | 17:00 | 16:00       |
| Vol.       | 11    | 388             | 178         | 4     | 49            | 4             | 1             | 3             | 5             | 1             |              |              |              | 609   | 61          |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

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 | Truck Total |
|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/24/09    | 0     | 24              | 8           | 0     | 1             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 34    | 2           |
| 01:00       | 0     | 15              | 1           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 17    | 1           |
| 02:00       | 0     | 14              | 4           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 19    | 1           |
| 03:00       | 0     | 5               | 1           | 1     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 8     | 2           |
| 04:00       | 0     | 14              | 9           | 2     | 6             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 31    | 8           |
| 05:00       | 0     | 40              | 25          | 3     | 5             | 0             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 75    | 10          |
| 06:00       | 3     | 156             | 71          | 3     | 30            | 1             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 268   | 38          |
| 07:00       | 2     | 231             | 112         | 9     | 38            | 2             | 1             | 4             | 0             | 0             | 0            | 0            | 0            | 399   | 54          |
| 08:00       | 2     | 229             | 151         | 8     | 35            | 1             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 428   | 46          |
| 09:00       | 0     | 210             | 106         | 4     | 29            | 2             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 354   | 38          |
| 10:00       | 7     | 194             | 91          | 2     | 30            | 3             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 329   | 37          |
| 11:00       | 5     | 196             | 106         | 3     | 28            | 4             | 0             | 4             | 0             | 0             | 0            | 0            | 0            | 346   | 39          |
| 12 PM       | 10    | 225             | 134         | 3     | 27            | 5             | 0             | 4             | 3             | 0             | 0            | 0            | 0            | 411   | 42          |
| 13:00       | 7     | 240             | 97          | 2     | 28            | 3             | 0             | 2             | 0             | 0             | 1            | 0            | 0            | 380   | 36          |
| 14:00       | 2     | 269             | 141         | 9     | 37            | 0             | 0             | 5             | 1             | 0             | 0            | 0            | 0            | 464   | 52          |
| 15:00       | 4     | 309             | 147         | 4     | 42            | 3             | 0             | 5             | 2             | 0             | 0            | 0            | 0            | 516   | 56          |
| 16:00       | 4     | 413             | 182         | 5     | 51            | 2             | 0             | 0             | 2             | 0             | 0            | 0            | 0            | 659   | 60          |
| 17:00       | 7     | 395             | 180         | 3     | 49            | 3             | 0             | 1             | 1             | 1             | 0            | 0            | 0            | 640   | 58          |
| 18:00       | 7     | 282             | 122         | 1     | 47            | 2             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 463   | 52          |
| 19:00       | 5     | 170             | 82          | 0     | 15            | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 274   | 17          |
| 20:00       | 1     | 113             | 58          | 0     | 10            | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 183   | 11          |
| 21:00       | 0     | 113             | 53          | 0     | 11            | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 178   | 12          |
| 22:00       | 0     | 54              | 15          | 0     | 7             | 0             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 77    | 8           |
| 23:00       | 1     | 39              | 9           | 0     | 5             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 54    | 5           |
| Total       | 67    | 3950            | 1905        | 62    | 534           | 32            | 1             | 41            | 13            | 1             | 1            | 0            | 0            | 6607  | 685         |
| Percent     | 1.0%  | 59.8%           | 28.8%       | 0.9%  | 8.1%          | 0.5%          | 0.0%          | 0.6%          | 0.2%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 10.4%       |
| AM Peak     | 10:00 | 07:00           | 08:00       | 07:00 | 07:00         | 11:00         | 07:00         | 07:00         | 06:00         |               |              |              |              | 08:00 | 07:00       |
| Vol.        | 7     | 231             | 151         | 9     | 38            | 4             | 1             | 4             | 1             |               |              |              |              | 428   | 54          |
| PM Peak     | 12:00 | 16:00           | 16:00       | 14:00 | 16:00         | 12:00         |               | 14:00         | 12:00         | 17:00         | 13:00        |              |              | 16:00 | 16:00       |
| Vol.        | 10    | 413             | 182         | 9     | 51            | 5             |               | 5             | 3             | 1             | 1            |              |              | 659   | 60          |
| Grand Total | 143   | 7862            | 3766        | 106   | 1021          | 67            | 4             | 73            | 40            | 3             | 1            | 0            | 0            | 13086 | 1315        |
| Percent     | 1.1%  | 60.1%           | 28.8%       | 0.8%  | 7.8%          | 0.5%          | 0.0%          | 0.6%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 10.0%       |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

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 | Truck Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/23/09   | 0     | 12              | 7           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 19    | 0           |
| 01:00      | 0     | 10              | 4           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 14    | 0           |
| 02:00      | 0     | 7               | 3           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 10    | 0           |
| 03:00      | 0     | 6               | 4           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 11    | 1           |
| 04:00      | 0     | 31              | 25          | 1     | 4             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 61    | 5           |
| 05:00      | 2     | 77              | 50          | 1     | 10            | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 141   | 12          |
| 06:00      | 3     | 172             | 84          | 4     | 19            | 1             | 1             | 0             | 0             | 0             | 0            | 0            | 0            | 284   | 25          |
| 07:00      | 5     | 399             | 137         | 5     | 26            | 2             | 0             | 4             | 0             | 0             | 0            | 0            | 0            | 578   | 37          |
| 08:00      | 3     | 347             | 128         | 5     | 20            | 4             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 510   | 32          |
| 09:00      | 2     | 219             | 71          | 6     | 12            | 3             | 0             | 1             | 2             | 0             | 0            | 0            | 0            | 316   | 24          |
| 10:00      | 2     | 216             | 92          | 2     | 19            | 1             | 0             | 2             | 2             | 0             | 0            | 0            | 0            | 336   | 26          |
| 11:00      | 0     | 201             | 97          | 4     | 23            | 3             | 0             | 4             | 1             | 0             | 0            | 0            | 0            | 333   | 35          |
| 12 PM      | 3     | 213             | 102         | 4     | 19            | 3             | 0             | 5             | 1             | 0             | 0            | 0            | 0            | 350   | 32          |
| 13:00      | 6     | 239             | 83          | 2     | 16            | 2             | 0             | 4             | 3             | 0             | 0            | 0            | 0            | 355   | 27          |
| 14:00      | 6     | 291             | 116         | 11    | 21            | 8             | 0             | 0             | 2             | 0             | 0            | 0            | 0            | 455   | 42          |
| 15:00      | 4     | 296             | 132         | 3     | 21            | 5             | 0             | 1             | 2             | 0             | 0            | 0            | 0            | 464   | 32          |
| 16:00      | 7     | 320             | 155         | 0     | 19            | 5             | 0             | 1             | 5             | 1             | 0            | 0            | 0            | 513   | 31          |
| 17:00      | 10    | 377             | 139         | 1     | 26            | 1             | 0             | 3             | 2             | 0             | 0            | 0            | 0            | 559   | 33          |
| 18:00      | 14    | 307             | 103         | 2     | 15            | 0             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 443   | 19          |
| 19:00      | 1     | 195             | 54          | 0     | 12            | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 262   | 12          |
| 20:00      | 5     | 163             | 44          | 0     | 6             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 218   | 6           |
| 21:00      | 1     | 130             | 31          | 1     | 6             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 170   | 8           |
| 22:00      | 1     | 77              | 22          | 0     | 2             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 103   | 3           |
| 23:00      | 0     | 45              | 7           | 0     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 54    | 2           |
| Total      | 75    | 4350            | 1690        | 52    | 299           | 40            | 1             | 29            | 22            | 1             | 0            | 0            | 0            | 6559  | 444         |
| Percent    | 1.1%  | 66.3%           | 25.8%       | 0.8%  | 4.6%          | 0.6%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.8%        |
| AM Peak    | 07:00 | 07:00           | 07:00       | 09:00 | 07:00         | 08:00         | 06:00         | 07:00         | 09:00         |               |              |              |              | 07:00 | 07:00       |
| Vol.       | 5     | 399             | 137         | 6     | 26            | 4             | 1             | 4             | 2             |               |              |              |              | 578   | 37          |
| PM Peak    | 18:00 | 17:00           | 16:00       | 14:00 | 17:00         | 14:00         |               | 12:00         | 16:00         | 16:00         |              |              |              | 17:00 | 14:00       |
| Vol.       | 14    | 377             | 155         | 11    | 26            | 8             |               | 5             | 5             | 1             |              |              |              | 559   | 42          |



Old Colony Planning Council  
 70 School Street  
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Community: Halifax  
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 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

| 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 | Truck Total |
|----|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
|    | 09/24/09    | 0     | 16              | 5           | 1     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 23    | 2           |
|    | 01:00       | 0     | 17              | 1           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 18    | 0           |
|    | 02:00       | 0     | 6               | 3           | 0     | 0             | 0             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 12    | 3           |
|    | 03:00       | 0     | 10              | 2           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 13    | 1           |
|    | 04:00       | 0     | 31              | 17          | 0     | 5             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 53    | 5           |
|    | 05:00       | 0     | 75              | 56          | 2     | 10            | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 144   | 13          |
|    | 06:00       | 2     | 171             | 83          | 4     | 16            | 3             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 279   | 23          |
|    | 07:00       | 7     | 418             | 139         | 5     | 18            | 2             | 0             | 4             | 1             | 1             | 0            | 0            | 0            | 595   | 31          |
|    | 08:00       | 2     | 300             | 124         | 4     | 18            | 1             | 1             | 4             | 2             | 0             | 0            | 0            | 0            | 456   | 30          |
|    | 09:00       | 1     | 267             | 94          | 6     | 15            | 5             | 0             | 0             | 2             | 0             | 0            | 0            | 0            | 390   | 28          |
|    | 10:00       | 3     | 223             | 84          | 4     | 19            | 4             | 0             | 4             | 2             | 0             | 0            | 0            | 0            | 343   | 33          |
|    | 11:00       | 3     | 211             | 71          | 1     | 28            | 3             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 319   | 34          |
|    | 12 PM       | 2     | 239             | 110         | 1     | 17            | 3             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 376   | 25          |
|    | 13:00       | 3     | 234             | 108         | 2     | 18            | 0             | 0             | 3             | 3             | 0             | 0            | 0            | 0            | 371   | 26          |
|    | 14:00       | 5     | 274             | 106         | 11    | 18            | 3             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 419   | 34          |
|    | 15:00       | 8     | 322             | 142         | 9     | 19            | 1             | 0             | 0             | 2             | 1             | 0            | 0            | 0            | 504   | 32          |
|    | 16:00       | 2     | 368             | 142         | 3     | 28            | 2             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 546   | 34          |
|    | 17:00       | 4     | 370             | 124         | 0     | 32            | 2             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 532   | 34          |
|    | 18:00       | 0     | 287             | 111         | 2     | 14            | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 416   | 18          |
|    | 19:00       | 2     | 230             | 81          | 0     | 10            | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 325   | 12          |
|    | 20:00       | 1     | 155             | 54          | 0     | 2             | 2             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 214   | 4           |
|    | 21:00       | 1     | 118             | 25          | 0     | 4             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 148   | 4           |
|    | 22:00       | 0     | 70              | 28          | 0     | 8             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 106   | 8           |
|    | 23:00       | 0     | 46              | 17          | 1     | 3             | 0             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 69    | 6           |
|    | Total       | 46    | 4458            | 1727        | 56    | 304           | 34            | 1             | 27            | 16            | 2             | 0            | 0            | 0            | 6671  | 440         |
|    | Percent     | 0.7%  | 66.8%           | 25.9%       | 0.8%  | 4.6%          | 0.5%          | 0.0%          | 0.4%          | 0.2%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.6%        |
|    | AM Peak     | 07:00 | 07:00           | 07:00       | 09:00 | 11:00         | 09:00         | 08:00         | 07:00         | 08:00         | 07:00         |              |              |              | 07:00 | 11:00       |
|    | Vol.        | 7     | 418             | 139         | 6     | 28            | 5             | 1             | 4             | 2             | 1             |              |              |              | 595   | 34          |
|    | PM Peak     | 15:00 | 17:00           | 15:00       | 14:00 | 17:00         | 12:00         |               | 12:00         | 13:00         | 15:00         |              |              |              | 16:00 | 14:00       |
|    | Vol.        | 8     | 370             | 142         | 11    | 32            | 3             |               | 3             | 3             | 1             |              |              |              | 546   | 34          |
|    | Grand Total | 121   | 8808            | 3417        | 108   | 603           | 74            | 2             | 56            | 38            | 3             | 0            | 0            | 0            | 13230 | 884         |
|    | Percent     | 0.9%  | 66.6%           | 25.8%       | 0.8%  | 4.6%          | 0.6%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.7%        |

Old Colony Planning Council  
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 Date Start: 23-Sep-09  
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 Plymouth St (106), east of Carver St

EB, 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 | Truck Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/23/09   | 0     | 34              | 16          | 1     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 53    | 3           |
| 01:00      | 1     | 19              | 9           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 29    | 0           |
| 02:00      | 0     | 12              | 6           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 19    | 1           |
| 03:00      | 0     | 12              | 9           | 0     | 3             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 24    | 3           |
| 04:00      | 0     | 42              | 30          | 2     | 8             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 82    | 10          |
| 05:00      | 2     | 120             | 68          | 4     | 16            | 1             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 213   | 23          |
| 06:00      | 6     | 321             | 156         | 8     | 42            | 2             | 1             | 3             | 3             | 0             | 0            | 0            | 0            | 542   | 59          |
| 07:00      | 9     | 625             | 262         | 13    | 62            | 8             | 1             | 9             | 6             | 0             | 0            | 0            | 0            | 995   | 99          |
| 08:00      | 7     | 565             | 267         | 11    | 52            | 7             | 1             | 3             | 2             | 1             | 0            | 0            | 0            | 916   | 77          |
| 09:00      | 6     | 430             | 164         | 8     | 33            | 4             | 0             | 4             | 6             | 0             | 0            | 0            | 0            | 655   | 55          |
| 10:00      | 4     | 417             | 189         | 5     | 53            | 3             | 0             | 6             | 2             | 0             | 0            | 0            | 0            | 679   | 69          |
| 11:00      | 1     | 401             | 191         | 5     | 47            | 4             | 0             | 10            | 3             | 0             | 0            | 0            | 0            | 662   | 69          |
| 12 PM      | 4     | 440             | 209         | 8     | 50            | 5             | 0             | 8             | 1             | 0             | 0            | 0            | 0            | 725   | 72          |
| 13:00      | 11    | 460             | 199         | 5     | 45            | 6             | 1             | 4             | 3             | 0             | 0            | 0            | 0            | 734   | 64          |
| 14:00      | 14    | 543             | 231         | 15    | 43            | 11            | 0             | 1             | 7             | 0             | 0            | 0            | 0            | 865   | 77          |
| 15:00      | 9     | 651             | 308         | 4     | 65            | 8             | 0             | 1             | 3             | 0             | 0            | 0            | 0            | 1049  | 81          |
| 16:00      | 15    | 639             | 333         | 2     | 68            | 9             | 0             | 4             | 7             | 2             | 0            | 0            | 0            | 1079  | 92          |
| 17:00      | 15    | 765             | 315         | 1     | 63            | 1             | 0             | 4             | 4             | 0             | 0            | 0            | 0            | 1168  | 73          |
| 18:00      | 22    | 620             | 225         | 2     | 62            | 0             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 935   | 68          |
| 19:00      | 12    | 383             | 139         | 0     | 30            | 4             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 568   | 34          |
| 20:00      | 7     | 306             | 96          | 0     | 19            | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 428   | 19          |
| 21:00      | 4     | 238             | 64          | 2     | 13            | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 322   | 16          |
| 22:00      | 1     | 142             | 45          | 0     | 4             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 193   | 5           |
| 23:00      | 1     | 77              | 20          | 0     | 5             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 103   | 5           |
| Total      | 151   | 8262            | 3551        | 96    | 786           | 75            | 4             | 61            | 49            | 3             | 0            | 0            | 0            | 13038 | 1074        |
| Percent    | 1.2%  | 63.4%           | 27.2%       | 0.7%  | 6.0%          | 0.6%          | 0.0%          | 0.5%          | 0.4%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 8.2%        |
| AM Peak    | 07:00 | 07:00           | 08:00       | 07:00 | 07:00         | 07:00         | 06:00         | 11:00         | 07:00         | 08:00         |              |              |              | 07:00 | 07:00       |
| Vol.       | 9     | 625             | 267         | 13    | 62            | 8             | 1             | 10            | 6             | 1             |              |              |              | 995   | 99          |
| PM Peak    | 18:00 | 17:00           | 16:00       | 14:00 | 16:00         | 14:00         | 13:00         | 12:00         | 14:00         | 16:00         |              |              |              | 17:00 | 16:00       |
| Vol.       | 22    | 765             | 333         | 15    | 68            | 11            | 1             | 8             | 7             | 2             |              |              |              | 1168  | 92          |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Carver St

EB, 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 | Truck Total |
|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/24/09    | 0     | 40              | 13          | 1     | 2             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 57    | 4           |
| 01:00       | 0     | 32              | 2           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 35    | 1           |
| 02:00       | 0     | 20              | 7           | 0     | 1             | 0             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 31    | 4           |
| 03:00       | 0     | 15              | 3           | 1     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 21    | 3           |
| 04:00       | 0     | 45              | 26          | 2     | 11            | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 84    | 13          |
| 05:00       | 0     | 115             | 81          | 5     | 15            | 1             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 219   | 23          |
| 06:00       | 5     | 327             | 154         | 7     | 46            | 4             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 547   | 61          |
| 07:00       | 9     | 649             | 251         | 14    | 56            | 4             | 1             | 8             | 1             | 1             | 0            | 0            | 0            | 994   | 85          |
| 08:00       | 4     | 529             | 275         | 12    | 53            | 2             | 1             | 6             | 2             | 0             | 0            | 0            | 0            | 884   | 76          |
| 09:00       | 1     | 477             | 200         | 10    | 44            | 7             | 0             | 2             | 3             | 0             | 0            | 0            | 0            | 744   | 66          |
| 10:00       | 10    | 417             | 175         | 6     | 49            | 7             | 0             | 6             | 2             | 0             | 0            | 0            | 0            | 672   | 70          |
| 11:00       | 8     | 407             | 177         | 4     | 56            | 7             | 0             | 5             | 1             | 0             | 0            | 0            | 0            | 665   | 73          |
| 12 PM       | 12    | 464             | 244         | 4     | 44            | 8             | 0             | 7             | 4             | 0             | 0            | 0            | 0            | 787   | 67          |
| 13:00       | 10    | 474             | 205         | 4     | 46            | 3             | 0             | 5             | 3             | 0             | 1            | 0            | 0            | 751   | 62          |
| 14:00       | 7     | 543             | 247         | 20    | 55            | 3             | 0             | 7             | 1             | 0             | 0            | 0            | 0            | 883   | 86          |
| 15:00       | 12    | 631             | 289         | 13    | 61            | 4             | 0             | 5             | 4             | 1             | 0            | 0            | 0            | 1020  | 88          |
| 16:00       | 6     | 781             | 324         | 8     | 79            | 4             | 0             | 0             | 3             | 0             | 0            | 0            | 0            | 1205  | 94          |
| 17:00       | 11    | 765             | 304         | 3     | 81            | 5             | 0             | 1             | 1             | 1             | 0            | 0            | 0            | 1172  | 92          |
| 18:00       | 7     | 569             | 233         | 3     | 61            | 3             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 879   | 70          |
| 19:00       | 7     | 400             | 163         | 0     | 25            | 2             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 599   | 29          |
| 20:00       | 2     | 268             | 112         | 0     | 12            | 2             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 397   | 15          |
| 21:00       | 1     | 231             | 78          | 0     | 15            | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 326   | 16          |
| 22:00       | 0     | 124             | 43          | 0     | 15            | 0             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 183   | 16          |
| 23:00       | 1     | 85              | 26          | 1     | 8             | 0             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 123   | 11          |
| Total       | 113   | 8408            | 3632        | 118   | 838           | 66            | 2             | 68            | 29            | 3             | 1            | 0            | 0            | 13278 | 1125        |
| Percent     | 0.9%  | 63.3%           | 27.4%       | 0.9%  | 6.3%          | 0.5%          | 0.0%          | 0.5%          | 0.2%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 8.5%        |
| AM Peak     | 10:00 | 07:00           | 08:00       | 07:00 | 07:00         | 09:00         | 07:00         | 07:00         | 09:00         | 07:00         |              |              |              | 07:00 | 07:00       |
| Vol.        | 10    | 649             | 275         | 14    | 56            | 7             | 1             | 8             | 3             | 1             |              |              |              | 994   | 85          |
| PM Peak     | 12:00 | 16:00           | 16:00       | 14:00 | 17:00         | 12:00         |               | 12:00         | 12:00         | 15:00         | 13:00        |              |              | 16:00 | 16:00       |
| Vol.        | 12    | 781             | 324         | 20    | 81            | 8             |               | 7             | 4             | 1             | 1            |              |              | 1205  | 94          |
| Grand Total | 264   | 16670           | 7183        | 214   | 1624          | 141           | 6             | 129           | 78            | 6             | 1            | 0            | 0            | 26316 | 2199        |
| Percent     | 1.0%  | 63.3%           | 27.3%       | 0.8%  | 6.2%          | 0.5%          | 0.0%          | 0.5%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 8.4%        |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

| Start Time | 21-Sep-09 |    | Tue |    | Wed        |            | Thu        |            | Fri |    | Sat |    | Sun |    | Week Average |            |
|------------|-----------|----|-----|----|------------|------------|------------|------------|-----|----|-----|----|-----|----|--------------|------------|
|            | WB        | EB | WB  | EB | WB         | EB         | WB         | EB         | WB  | EB | WB  | EB | WB  | EB | WB           | EB         |
| 12:00 AM   | *         | *  | *   | *  | 21         | 39         | 29         | 37         | *   | *  | *   | *  | *   | *  | 25           | 38         |
| 01:00      | *         | *  | *   | *  | 16         | 17         | 18         | 20         | *   | *  | *   | *  | *   | *  | 17           | 18         |
| 02:00      | *         | *  | *   | *  | 12         | 10         | 13         | 20         | *   | *  | *   | *  | *   | *  | 12           | 15         |
| 03:00      | *         | *  | *   | *  | 13         | 15         | 16         | 9          | *   | *  | *   | *  | *   | *  | 14           | 12         |
| 04:00      | *         | *  | *   | *  | 63         | 24         | 53         | 35         | *   | *  | *   | *  | *   | *  | 58           | 30         |
| 05:00      | *         | *  | *   | *  | 146        | 87         | 147        | 91         | *   | *  | *   | *  | *   | *  | 146          | 89         |
| 06:00      | *         | *  | *   | *  | 306        | 288        | 298        | 290        | *   | *  | *   | *  | *   | *  | 302          | 289        |
| 07:00      | *         | *  | *   | *  | <b>619</b> | <b>451</b> | <b>621</b> | <b>454</b> | *   | *  | *   | *  | *   | *  | <b>620</b>   | <b>452</b> |
| 08:00      | *         | *  | *   | *  | 566        | 415        | 495        | 439        | *   | *  | *   | *  | *   | *  | 530          | 427        |
| 09:00      | *         | *  | *   | *  | 372        | 386        | 445        | 402        | *   | *  | *   | *  | *   | *  | 408          | 394        |
| 10:00      | *         | *  | *   | *  | 374        | 382        | 414        | 402        | *   | *  | *   | *  | *   | *  | 394          | 392        |
| 11:00      | *         | *  | *   | *  | 385        | 392        | 366        | 403        | *   | *  | *   | *  | *   | *  | 376          | 398        |
| 12:00 PM   | *         | *  | *   | *  | 403        | 425        | 441        | 484        | *   | *  | *   | *  | *   | *  | 422          | 454        |
| 01:00      | *         | *  | *   | *  | 443        | 437        | 426        | 424        | *   | *  | *   | *  | *   | *  | 434          | 430        |
| 02:00      | *         | *  | *   | *  | 518        | 422        | 454        | 487        | *   | *  | *   | *  | *   | *  | 486          | 454        |
| 03:00      | *         | *  | *   | *  | 516        | 644        | 560        | 581        | *   | *  | *   | *  | *   | *  | 538          | 612        |
| 04:00      | *         | *  | *   | *  | 579        | 620        | <b>619</b> | <b>678</b> | *   | *  | *   | *  | *   | *  | 599          | 649        |
| 05:00      | *         | *  | *   | *  | <b>629</b> | <b>676</b> | 587        | 676        | *   | *  | *   | *  | *   | *  | <b>608</b>   | <b>676</b> |
| 06:00      | *         | *  | *   | *  | 498        | 528        | 473        | 535        | *   | *  | *   | *  | *   | *  | 486          | 532        |
| 07:00      | *         | *  | *   | *  | 311        | 342        | 362        | 306        | *   | *  | *   | *  | *   | *  | 336          | 324        |
| 08:00      | *         | *  | *   | *  | 253        | 237        | 248        | 199        | *   | *  | *   | *  | *   | *  | 250          | 218        |
| 09:00      | *         | *  | *   | *  | 204        | 169        | 179        | 193        | *   | *  | *   | *  | *   | *  | 192          | 181        |
| 10:00      | *         | *  | *   | *  | 116        | 99         | 121        | 92         | *   | *  | *   | *  | *   | *  | 118          | 96         |
| 11:00      | *         | *  | *   | *  | 66         | 53         | 76         | 66         | *   | *  | *   | *  | *   | *  | 71           | 60         |
| Total      | 0         | 0  | 0   | 0  | 7429       | 7158       | 7461       | 7323       | 0   | 0  | 0   | 0  | 0   | 0  | 7442         | 7240       |
| Day        | 0         | 0  | 0   | 0  | 14587      |            | 14784      |            | 0   | 0  | 0   | 0  | 0   | 0  | 14682        |            |
| AM Peak    |           |    |     |    | 07:00      | 07:00      | 07:00      | 07:00      |     |    |     |    |     |    | 07:00        | 07:00      |
| Vol.       |           |    |     |    | 619        | 451        | 621        | 454        |     |    |     |    |     |    | 620          | 452        |
| PM Peak    |           |    |     |    | 17:00      | 17:00      | 16:00      | 16:00      |     |    |     |    |     |    | 17:00        | 17:00      |
| Vol.       |           |    |     |    | 629        | 676        | 619        | 678        |     |    |     |    |     |    | 608          | 676        |

Comb. Total                    0                    0                    14587                    14784                    0                    0                    0                    14682

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

| Start Time | 21-Sep-09<br>Mon | 22-Sep-09<br>Tue | 23-Sep-09<br>Wed | 24-Sep-09<br>Thu | 25-Sep-09<br>Fri | 26-Sep-09<br>Sat | 27-Sep-09<br>Sun | Week<br>Average |
|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| 12:00 AM   | *                | *                | 60               | 66               | *                | *                | *                | 63              |
| 01:00      | *                | *                | 33               | 38               | *                | *                | *                | 36              |
| 02:00      | *                | *                | 22               | 33               | *                | *                | *                | 28              |
| 03:00      | *                | *                | 28               | 25               | *                | *                | *                | 26              |
| 04:00      | *                | *                | 87               | 88               | *                | *                | *                | 88              |
| 05:00      | *                | *                | 233              | 238              | *                | *                | *                | 236             |
| 06:00      | *                | *                | 594              | 588              | *                | *                | *                | 591             |
| 07:00      | *                | *                | <b>1070</b>      | <b>1075</b>      | *                | *                | *                | <b>1072</b>     |
| 08:00      | *                | *                | 981              | 934              | *                | *                | *                | 958             |
| 09:00      | *                | *                | 758              | 847              | *                | *                | *                | 802             |
| 10:00      | *                | *                | 756              | 816              | *                | *                | *                | 786             |
| 11:00      | *                | *                | 777              | 769              | *                | *                | *                | 773             |
| 12:00 PM   | *                | *                | 828              | 925              | *                | *                | *                | 876             |
| 01:00      | *                | *                | 880              | 850              | *                | *                | *                | 865             |
| 02:00      | *                | *                | 940              | 941              | *                | *                | *                | 940             |
| 03:00      | *                | *                | 1160             | 1141             | *                | *                | *                | 1150            |
| 04:00      | *                | *                | 1199             | <b>1297</b>      | *                | *                | *                | 1248            |
| 05:00      | *                | *                | <b>1305</b>      | 1263             | *                | *                | *                | <b>1284</b>     |
| 06:00      | *                | *                | 1026             | 1008             | *                | *                | *                | 1017            |
| 07:00      | *                | *                | 653              | 668              | *                | *                | *                | 660             |
| 08:00      | *                | *                | 490              | 447              | *                | *                | *                | 468             |
| 09:00      | *                | *                | 373              | 372              | *                | *                | *                | 372             |
| 10:00      | *                | *                | 215              | 213              | *                | *                | *                | 214             |
| 11:00      | *                | *                | 119              | 142              | *                | *                | *                | 130             |
| Total      | 0                | 0                | 14587            | 14784            | 0                | 0                | 0                | 14683           |
| Percentage | 0.0%             | 0.0%             | 99.3%            | 100.7%           | 0.0%             | 0.0%             | 0.0%             |                 |
| AM Peak    |                  |                  | 07:00            | 07:00            |                  |                  |                  | 07:00           |
| Vol.       |                  |                  | 1070             | 1075             |                  |                  |                  | 1072            |
| PM Peak    |                  |                  | 17:00            | 16:00            |                  |                  |                  | 17:00           |
| Vol.       |                  |                  | 1305             | 1297             |                  |                  |                  | 1284            |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

WB

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/23/09   | 0       | 0        | 1        | 2        | 9        | 6        | 2        | 0        | 0        | 0        | 0        | 0        | 1        | 0         | 21    |
| 01:00      | 0       | 0        | 0        | 1        | 7        | 7        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 16    |
| 02:00      | 0       | 0        | 0        | 2        | 5        | 2        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12    |
| 03:00      | 0       | 0        | 0        | 3        | 4        | 3        | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 13    |
| 04:00      | 0       | 0        | 1        | 7        | 34       | 15       | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 63    |
| 05:00      | 1       | 0        | 0        | 11       | 57       | 69       | 8        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 146   |
| 06:00      | 21      | 3        | 10       | 52       | 145      | 69       | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 306   |
| 07:00      | 36      | 24       | 46       | 149      | 292      | 68       | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 619   |
| 08:00      | 76      | 95       | 134      | 115      | 100      | 43       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 566   |
| 09:00      | 18      | 10       | 29       | 126      | 126      | 62       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 372   |
| 10:00      | 25      | 1        | 17       | 88       | 196      | 45       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 374   |
| 11:00      | 24      | 15       | 30       | 122      | 162      | 30       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 385   |
| 12 PM      | 16      | 8        | 32       | 114      | 166      | 60       | 7        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 403   |
| 13:00      | 32      | 17       | 38       | 107      | 194      | 53       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 443   |
| 14:00      | 84      | 92       | 105      | 106      | 107      | 22       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 518   |
| 15:00      | 48      | 12       | 43       | 156      | 216      | 39       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 516   |
| 16:00      | 74      | 38       | 56       | 126      | 227      | 54       | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 579   |
| 17:00      | 48      | 24       | 59       | 192      | 241      | 64       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 629   |
| 18:00      | 33      | 13       | 51       | 148      | 199      | 52       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 498   |
| 19:00      | 13      | 1        | 19       | 112      | 127      | 36       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 311   |
| 20:00      | 7       | 0        | 6        | 43       | 153      | 39       | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 253   |
| 21:00      | 4       | 0        | 6        | 37       | 97       | 52       | 7        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 204   |
| 22:00      | 0       | 0        | 1        | 15       | 57       | 39       | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 116   |
| 23:00      | 0       | 0        | 2        | 4        | 27       | 29       | 3        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 66    |
| Total      | 560     | 353      | 686      | 1838     | 2948     | 958      | 82       | 1        | 2        | 0        | 0        | 0        | 1        | 0         | 7429  |

Daily  
 15th Percentile : 22 MPH  
 50th Percentile : 31 MPH  
 85th Percentile : 35 MPH  
 95th Percentile : 39 MPH  
  
 Mean Speed(Average) : 29 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 4786  
 Percent in Pace : 64.4%  
 Number of Vehicles > 35 MPH : 1044  
 Percent of Vehicles > 35 MPH : 14.1%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

WB

| Start Time | 1   | 16  | 21  | 26   | 31   | 36   | 41  | 46 | 51 | 56 | 61 | 66 | 71 | 76 | 999 | Total |
|------------|-----|-----|-----|------|------|------|-----|----|----|----|----|----|----|----|-----|-------|
|            | 15  | 20  | 25  | 30   | 35   | 40   | 45  | 50 | 55 | 60 | 65 | 70 | 75 |    |     |       |
| 09/24/09   | 0   | 0   | 0   | 4    | 11   | 12   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 29    |
| 01:00      | 0   | 0   | 0   | 3    | 10   | 5    | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 18    |
| 02:00      | 0   | 0   | 0   | 3    | 6    | 4    | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 13    |
| 03:00      | 0   | 0   | 0   | 1    | 7    | 4    | 3   | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 16    |
| 04:00      | 1   | 1   | 0   | 5    | 15   | 28   | 2   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 53    |
| 05:00      | 2   | 0   | 1   | 11   | 67   | 61   | 4   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 147   |
| 06:00      | 20  | 9   | 7   | 58   | 138  | 61   | 4   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 298   |
| 07:00      | 25  | 23  | 50  | 160  | 281  | 79   | 3   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 621   |
| 08:00      | 71  | 88  | 99  | 95   | 106  | 34   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 495   |
| 09:00      | 26  | 15  | 47  | 116  | 161  | 74   | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 445   |
| 10:00      | 46  | 21  | 22  | 121  | 144  | 53   | 7   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 414   |
| 11:00      | 20  | 9   | 23  | 63   | 166  | 74   | 11  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 366   |
| 12 PM      | 19  | 12  | 44  | 101  | 190  | 70   | 4   | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 441   |
| 13:00      | 38  | 5   | 38  | 100  | 174  | 67   | 4   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 426   |
| 14:00      | 68  | 85  | 100 | 97   | 76   | 25   | 3   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 454   |
| 15:00      | 49  | 21  | 51  | 165  | 213  | 57   | 4   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 560   |
| 16:00      | 71  | 41  | 73  | 184  | 209  | 39   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 619   |
| 17:00      | 61  | 28  | 65  | 156  | 199  | 69   | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 587   |
| 18:00      | 25  | 3   | 18  | 111  | 242  | 71   | 3   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 473   |
| 19:00      | 15  | 2   | 18  | 60   | 187  | 75   | 5   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 362   |
| 20:00      | 7   | 1   | 2   | 31   | 137  | 61   | 8   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 248   |
| 21:00      | 6   | 0   | 1   | 12   | 82   | 76   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 179   |
| 22:00      | 1   | 0   | 1   | 3    | 59   | 45   | 9   | 2  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 121   |
| 23:00      | 0   | 0   | 0   | 3    | 32   | 31   | 10  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 76    |
| Total      | 571 | 364 | 660 | 1663 | 2912 | 1175 | 107 | 6  | 1  | 1  | 1  | 0  | 1  | 0  | 0   | 7461  |

Daily  
 15th Percentile : 22 MPH  
 50th Percentile : 31 MPH  
 85th Percentile : 36 MPH  
 95th Percentile : 39 MPH  
  
 Mean Speed(Average) : 29 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 4575  
 Percent in Pace : 61.3%  
 Number of Vehicles > 35 MPH : 1291  
 Percent of Vehicles > 35 MPH : 17.3%

| Grand Total | 1131 | 717 | 1346 | 3501 | 5860 | 2133 | 189 | 7 | 3 | 1 | 1 | 0 | 1 | 0 | 14890 |
|-------------|------|-----|------|------|------|------|-----|---|---|---|---|---|---|---|-------|
|-------------|------|-----|------|------|------|------|-----|---|---|---|---|---|---|---|-------|

Overall  
 15th Percentile : 22 MPH  
 50th Percentile : 31 MPH  
 85th Percentile : 36 MPH  
 95th Percentile : 39 MPH  
  
 Mean Speed(Average) : 29 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 9361  
 Percent in Pace : 62.9%  
 Number of Vehicles > 35 MPH : 2335  
 Percent of Vehicles > 35 MPH : 15.7%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

EB

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/23/09   | 0       | 0        | 0        | 3        | 17       | 11       | 8        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 39    |
| 01:00      | 0       | 0        | 0        | 1        | 5        | 6        | 4        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 17    |
| 02:00      | 0       | 0        | 0        | 1        | 6        | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 10    |
| 03:00      | 0       | 0        | 0        | 2        | 5        | 5        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 15    |
| 04:00      | 0       | 0        | 0        | 2        | 12       | 8        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 24    |
| 05:00      | 2       | 0        | 1        | 1        | 44       | 30       | 7        | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 87    |
| 06:00      | 12      | 3        | 4        | 32       | 155      | 75       | 6        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 288   |
| 07:00      | 28      | 1        | 14       | 91       | 231      | 78       | 8        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 451   |
| 08:00      | 29      | 48       | 106      | 103      | 97       | 29       | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 415   |
| 09:00      | 20      | 1        | 21       | 74       | 170      | 90       | 9        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 386   |
| 10:00      | 16      | 2        | 15       | 68       | 193      | 82       | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 382   |
| 11:00      | 20      | 8        | 23       | 88       | 156      | 89       | 8        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 392   |
| 12 PM      | 17      | 1        | 22       | 118      | 182      | 78       | 7        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 425   |
| 13:00      | 17      | 1        | 23       | 113      | 193      | 83       | 7        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 437   |
| 14:00      | 28      | 15       | 98       | 122      | 118      | 38       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 422   |
| 15:00      | 45      | 14       | 53       | 191      | 247      | 90       | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 644   |
| 16:00      | 43      | 4        | 38       | 186      | 248      | 91       | 10       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 620   |
| 17:00      | 44      | 2        | 40       | 121      | 330      | 134      | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 676   |
| 18:00      | 31      | 3        | 13       | 95       | 247      | 135      | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 528   |
| 19:00      | 14      | 1        | 14       | 83       | 170      | 55       | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 342   |
| 20:00      | 11      | 1        | 6        | 57       | 112      | 45       | 4        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 237   |
| 21:00      | 3       | 0        | 3        | 23       | 85       | 50       | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 169   |
| 22:00      | 0       | 0        | 0        | 5        | 43       | 40       | 10       | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 99    |
| 23:00      | 0       | 0        | 0        | 6        | 23       | 20       | 3        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 53    |
| Total      | 380     | 105      | 494      | 1586     | 3089     | 1364     | 129      | 8        | 3        | 0        | 0        | 0        | 0        | 0         | 7158  |

Daily  
 15th Percentile : 26 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 37 MPH  
 95th Percentile : 40 MPH  
  
 Mean Speed(Average) : 31 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 4675  
 Percent in Pace : 65.3%  
 Number of Vehicles > 35 MPH : 1504  
 Percent of Vehicles > 35 MPH : 21.0%



Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

EB

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/24/09   | 0       | 0        | 0        | 2        | 19       | 13       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 37    |
| 01:00      | 1       | 0        | 0        | 0        | 11       | 7        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 20    |
| 02:00      | 0       | 0        | 0        | 0        | 7        | 8        | 3        | 0        | 0        | 0        | 0        | 2        | 0        | 0         | 20    |
| 03:00      | 0       | 0        | 0        | 0        | 4        | 3        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 9     |
| 04:00      | 1       | 0        | 0        | 1        | 11       | 16       | 5        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 35    |
| 05:00      | 5       | 0        | 1        | 5        | 40       | 33       | 6        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 91    |
| 06:00      | 18      | 2        | 13       | 34       | 146      | 69       | 8        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 290   |
| 07:00      | 40      | 15       | 21       | 109      | 194      | 73       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 454   |
| 08:00      | 31      | 70       | 134      | 110      | 76       | 18       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 439   |
| 09:00      | 19      | 3        | 22       | 146      | 164      | 45       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 402   |
| 10:00      | 20      | 4        | 34       | 83       | 187      | 68       | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 402   |
| 11:00      | 18      | 1        | 18       | 74       | 195      | 89       | 8        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 403   |
| 12 PM      | 22      | 3        | 19       | 99       | 239      | 92       | 10       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 484   |
| 13:00      | 23      | 5        | 36       | 99       | 184      | 73       | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 424   |
| 14:00      | 38      | 60       | 119      | 104      | 134      | 31       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 487   |
| 15:00      | 36      | 7        | 57       | 192      | 237      | 49       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 581   |
| 16:00      | 56      | 7        | 87       | 253      | 243      | 32       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 678   |
| 17:00      | 43      | 1        | 49       | 212      | 293      | 75       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 676   |
| 18:00      | 27      | 0        | 20       | 99       | 269      | 114      | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 535   |
| 19:00      | 11      | 0        | 7        | 38       | 206      | 41       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 306   |
| 20:00      | 6       | 0        | 1        | 32       | 104      | 53       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 199   |
| 21:00      | 9       | 0        | 0        | 24       | 95       | 57       | 7        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 193   |
| 22:00      | 1       | 0        | 0        | 10       | 38       | 36       | 6        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 92    |
| 23:00      | 0       | 0        | 0        | 4        | 30       | 27       | 3        | 1        | 1        | 0        | 0        | 0        | 0        | 0         | 66    |
| Total      | 425     | 178      | 638      | 1730     | 3126     | 1122     | 96       | 4        | 2        | 0        | 0        | 2        | 0        | 0         | 7323  |

Daily  
 15th Percentile : 24 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 36 MPH  
 95th Percentile : 39 MPH  
  
 Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 4856  
 Percent in Pace : 66.3%  
 Number of Vehicles > 35 MPH : 1226  
 Percent of Vehicles > 35 MPH : 16.7%

|             |     |     |      |      |      |      |     |    |   |   |   |   |   |   |       |
|-------------|-----|-----|------|------|------|------|-----|----|---|---|---|---|---|---|-------|
| Grand Total | 805 | 283 | 1132 | 3316 | 6215 | 2486 | 225 | 12 | 5 | 0 | 0 | 2 | 0 | 0 | 14481 |
|-------------|-----|-----|------|------|------|------|-----|----|---|---|---|---|---|---|-------|

Overall  
 15th Percentile : 25 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 37 MPH  
 95th Percentile : 40 MPH  
  
 Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 9531  
 Percent in Pace : 65.8%  
 Number of Vehicles > 35 MPH : 2730  
 Percent of Vehicles > 35 MPH : 18.9%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

WB, EB

| Start Time | 15  | 16  | 21   | 26   | 31   | 36   | 41  | 46 | 51 | 56 | 61 | 66 | 71 | 76 | 999 | Total |
|------------|-----|-----|------|------|------|------|-----|----|----|----|----|----|----|----|-----|-------|
| 09/23/09   | 0   | 0   | 1    | 5    | 26   | 17   | 10  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | 60    |
| 01:00      | 0   | 0   | 0    | 2    | 12   | 13   | 5   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 33    |
| 02:00      | 0   | 0   | 0    | 3    | 11   | 4    | 4   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 22    |
| 03:00      | 0   | 0   | 0    | 5    | 9    | 8    | 5   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 28    |
| 04:00      | 0   | 0   | 1    | 9    | 46   | 23   | 7   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 87    |
| 05:00      | 3   | 0   | 1    | 12   | 101  | 99   | 15  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 233   |
| 06:00      | 33  | 6   | 14   | 84   | 300  | 144  | 12  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 594   |
| 07:00      | 64  | 25  | 60   | 240  | 523  | 146  | 12  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1070  |
| 08:00      | 105 | 143 | 240  | 218  | 197  | 72   | 5   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 981   |
| 09:00      | 38  | 11  | 50   | 200  | 296  | 152  | 10  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 758   |
| 10:00      | 41  | 3   | 32   | 156  | 389  | 127  | 8   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 756   |
| 11:00      | 44  | 23  | 53   | 210  | 318  | 119  | 10  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 777   |
| 12 PM      | 33  | 9   | 54   | 232  | 348  | 138  | 14  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 828   |
| 13:00      | 49  | 18  | 61   | 220  | 387  | 136  | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 880   |
| 14:00      | 112 | 107 | 203  | 228  | 225  | 60   | 5   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 940   |
| 15:00      | 93  | 26  | 96   | 347  | 463  | 129  | 5   | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1160  |
| 16:00      | 117 | 42  | 94   | 312  | 475  | 145  | 14  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1199  |
| 17:00      | 92  | 26  | 99   | 313  | 571  | 198  | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1305  |
| 18:00      | 64  | 16  | 64   | 243  | 446  | 187  | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1026  |
| 19:00      | 27  | 2   | 33   | 195  | 297  | 91   | 8   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 653   |
| 20:00      | 18  | 1   | 12   | 100  | 265  | 84   | 9   | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 490   |
| 21:00      | 7   | 0   | 9    | 60   | 182  | 102  | 12  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 373   |
| 22:00      | 0   | 0   | 1    | 20   | 100  | 79   | 14  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 215   |
| 23:00      | 0   | 0   | 2    | 10   | 50   | 49   | 6   | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0   | 119   |
| Total      | 940 | 458 | 1180 | 3424 | 6037 | 2322 | 211 | 9  | 5  | 0  | 0  | 0  | 1  | 0  | 0   | 14587 |

Daily  
 15th Percentile : 24 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 36 MPH  
 95th Percentile : 39 MPH  
  
 Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 9461  
 Percent in Pace : 64.9%  
 Number of Vehicles > 35 MPH : 2548  
 Percent of Vehicles > 35 MPH : 17.5%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

WB, EB

| Start Time | 15  | 20  | 25   | 30   | 35   | 40   | 45  | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total |
|------------|-----|-----|------|------|------|------|-----|----|----|----|----|----|----|-----|-------|
| 09/24/09   | 0   | 0   | 0    | 6    | 30   | 25   | 5   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 66    |
| 01:00      | 1   | 0   | 0    | 3    | 21   | 12   | 1   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 38    |
| 02:00      | 0   | 0   | 0    | 3    | 13   | 12   | 3   | 0  | 0  | 0  | 0  | 2  | 0  | 0   | 33    |
| 03:00      | 0   | 0   | 0    | 1    | 11   | 7    | 5   | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 25    |
| 04:00      | 2   | 1   | 0    | 6    | 26   | 44   | 7   | 1  | 1  | 0  | 0  | 0  | 0  | 0   | 88    |
| 05:00      | 7   | 0   | 2    | 16   | 107  | 94   | 10  | 2  | 0  | 0  | 0  | 0  | 0  | 0   | 238   |
| 06:00      | 38  | 11  | 20   | 92   | 284  | 130  | 12  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 588   |
| 07:00      | 65  | 38  | 71   | 269  | 475  | 152  | 5   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1075  |
| 08:00      | 102 | 158 | 233  | 205  | 182  | 52   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 934   |
| 09:00      | 45  | 18  | 69   | 262  | 325  | 119  | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 847   |
| 10:00      | 66  | 25  | 56   | 204  | 331  | 121  | 13  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 816   |
| 11:00      | 38  | 10  | 41   | 137  | 361  | 163  | 19  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 769   |
| 12 PM      | 41  | 15  | 63   | 200  | 429  | 162  | 14  | 0  | 1  | 0  | 0  | 0  | 0  | 0   | 925   |
| 13:00      | 61  | 10  | 74   | 199  | 358  | 140  | 8   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 850   |
| 14:00      | 106 | 145 | 219  | 201  | 210  | 56   | 4   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 941   |
| 15:00      | 85  | 28  | 108  | 357  | 450  | 106  | 7   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1141  |
| 16:00      | 127 | 48  | 160  | 437  | 452  | 71   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1297  |
| 17:00      | 104 | 29  | 114  | 368  | 492  | 144  | 12  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1263  |
| 18:00      | 52  | 3   | 38   | 210  | 511  | 185  | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1008  |
| 19:00      | 26  | 2   | 25   | 98   | 393  | 116  | 8   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 668   |
| 20:00      | 13  | 1   | 3    | 63   | 241  | 114  | 11  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 447   |
| 21:00      | 15  | 0   | 1    | 36   | 177  | 133  | 9   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 372   |
| 22:00      | 2   | 0   | 1    | 13   | 97   | 81   | 15  | 3  | 0  | 1  | 0  | 0  | 0  | 0   | 213   |
| 23:00      | 0   | 0   | 0    | 7    | 62   | 58   | 13  | 1  | 1  | 0  | 0  | 0  | 0  | 0   | 142   |
| Total      | 996 | 542 | 1298 | 3393 | 6038 | 2297 | 203 | 10 | 3  | 1  | 1  | 2  | 0  | 0   | 14784 |

Daily  
 15th Percentile : 23 MPH  
 50th Percentile : 31 MPH  
 85th Percentile : 36 MPH  
 95th Percentile : 39 MPH  
  
 Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 9431  
 Percent in Pace : 63.8%  
 Number of Vehicles > 35 MPH : 2517  
 Percent of Vehicles > 35 MPH : 17.0%

|             |      |      |      |      |       |      |     |    |   |   |   |   |   |   |       |
|-------------|------|------|------|------|-------|------|-----|----|---|---|---|---|---|---|-------|
| Grand Total | 1936 | 1000 | 2478 | 6817 | 12075 | 4619 | 414 | 19 | 8 | 1 | 1 | 2 | 1 | 0 | 29371 |
|-------------|------|------|------|------|-------|------|-----|----|---|---|---|---|---|---|-------|

Overall  
 15th Percentile : 23 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 36 MPH  
 95th Percentile : 39 MPH  
  
 Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 18892  
 Percent in Pace : 64.3%  
 Number of Vehicles > 35 MPH : 5065  
 Percent of Vehicles > 35 MPH : 17.2%

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 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

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 | Truck Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/23/09   | 0     | 17              | 3           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 21    | 1           |
| 01:00      | 0     | 12              | 4           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 16    | 0           |
| 02:00      | 0     | 9               | 3           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 12    | 0           |
| 03:00      | 0     | 9               | 3           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 13    | 1           |
| 04:00      | 0     | 33              | 24          | 1     | 5             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 63    | 6           |
| 05:00      | 3     | 85              | 51          | 1     | 5             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 146   | 7           |
| 06:00      | 3     | 202             | 83          | 5     | 12            | 0             | 1             | 0             | 0             | 0             | 0            | 0            | 0            | 306   | 18          |
| 07:00      | 2     | 451             | 138         | 6     | 13            | 3             | 0             | 3             | 0             | 1             | 0            | 0            | 0            | 617   | 26          |
| 08:00      | 6     | 405             | 119         | 9     | 16            | 4             | 0             | 4             | 1             | 0             | 0            | 0            | 0            | 564   | 34          |
| 09:00      | 2     | 267             | 74          | 7     | 11            | 6             | 0             | 1             | 2             | 0             | 0            | 1            | 0            | 371   | 28          |
| 10:00      | 5     | 272             | 76          | 2     | 14            | 0             | 0             | 2             | 2             | 0             | 0            | 0            | 0            | 373   | 20          |
| 11:00      | 3     | 259             | 89          | 4     | 22            | 4             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 384   | 33          |
| 12 PM      | 3     | 262             | 108         | 5     | 11            | 8             | 0             | 4             | 1             | 0             | 0            | 0            | 0            | 402   | 29          |
| 13:00      | 9     | 312             | 93          | 2     | 14            | 3             | 0             | 6             | 3             | 0             | 0            | 0            | 0            | 442   | 28          |
| 14:00      | 7     | 360             | 104         | 16    | 17            | 9             | 0             | 1             | 2             | 0             | 0            | 0            | 0            | 516   | 45          |
| 15:00      | 9     | 359             | 122         | 2     | 12            | 3             | 0             | 4             | 3             | 0             | 0            | 0            | 0            | 514   | 24          |
| 16:00      | 13    | 400             | 142         | 1     | 12            | 6             | 0             | 3             | 3             | 0             | 0            | 0            | 0            | 580   | 25          |
| 17:00      | 14    | 461             | 130         | 1     | 15            | 1             | 0             | 3             | 2             | 0             | 0            | 0            | 0            | 627   | 22          |
| 18:00      | 15    | 360             | 102         | 2     | 12            | 3             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 497   | 20          |
| 19:00      | 3     | 246             | 50          | 0     | 11            | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 311   | 12          |
| 20:00      | 4     | 207             | 37          | 0     | 4             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 253   | 5           |
| 21:00      | 1     | 165             | 36          | 0     | 0             | 2             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 204   | 2           |
| 22:00      | 1     | 93              | 21          | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 116   | 1           |
| 23:00      | 0     | 56              | 9           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 66    | 1           |
| Total      | 103   | 5302            | 1621        | 64    | 210           | 53            | 1             | 37            | 21            | 1             | 0            | 1            | 0            | 7414  | 388         |
| Percent    | 1.4%  | 71.5%           | 21.9%       | 0.9%  | 2.8%          | 0.7%          | 0.0%          | 0.5%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.2%        |
| AM Peak    | 08:00 | 07:00           | 07:00       | 08:00 | 11:00         | 09:00         | 06:00         | 08:00         | 09:00         | 07:00         |              | 09:00        |              | 07:00 | 08:00       |
| Vol.       | 6     | 451             | 138         | 9     | 22            | 6             | 1             | 4             | 2             | 1             |              | 1            |              | 617   | 34          |
| PM Peak    | 18:00 | 17:00           | 16:00       | 14:00 | 14:00         | 14:00         |               | 13:00         | 13:00         |               |              |              |              | 17:00 | 14:00       |
| Vol.       | 15    | 461             | 142         | 16    | 17            | 9             |               | 6             | 3             |               |              |              |              | 627   | 45          |

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| 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 | Truck Total |
|----|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
|    | 09/24/09    | 0     | 23              | 5           | 1     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 29    | 1           |
|    | 01:00       | 0     | 15              | 3           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 18    | 0           |
|    | 02:00       | 0     | 8               | 2           | 0     | 0             | 0             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 13    | 3           |
|    | 03:00       | 0     | 12              | 3           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 16    | 1           |
|    | 04:00       | 0     | 30              | 18          | 0     | 5             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 53    | 5           |
|    | 05:00       | 0     | 83              | 53          | 1     | 6             | 2             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 146   | 10          |
|    | 06:00       | 5     | 187             | 85          | 4     | 12            | 4             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 298   | 21          |
|    | 07:00       | 8     | 450             | 132         | 7     | 15            | 4             | 0             | 2             | 2             | 0             | 0            | 0            | 0            | 620   | 30          |
|    | 08:00       | 8     | 344             | 115         | 8     | 14            | 0             | 0             | 2             | 1             | 0             | 0            | 1            | 0            | 493   | 26          |
|    | 09:00       | 7     | 320             | 86          | 6     | 19            | 6             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 445   | 32          |
|    | 10:00       | 8     | 286             | 88          | 6     | 13            | 4             | 1             | 5             | 3             | 0             | 0            | 0            | 0            | 414   | 32          |
|    | 11:00       | 8     | 255             | 81          | 1     | 17            | 1             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 365   | 21          |
|    | 12 PM       | 8     | 304             | 104         | 0     | 16            | 4             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 440   | 24          |
|    | 13:00       | 6     | 313             | 88          | 0     | 11            | 1             | 0             | 3             | 3             | 0             | 0            | 0            | 0            | 425   | 18          |
|    | 14:00       | 9     | 307             | 96          | 18    | 7             | 9             | 0             | 5             | 0             | 1             | 0            | 0            | 0            | 452   | 40          |
|    | 15:00       | 4     | 405             | 118         | 9     | 12            | 5             | 0             | 4             | 1             | 0             | 0            | 0            | 0            | 558   | 31          |
|    | 16:00       | 7     | 442             | 137         | 2     | 21            | 4             | 0             | 0             | 4             | 0             | 0            | 0            | 0            | 617   | 31          |
|    | 17:00       | 10    | 430             | 121         | 1     | 17            | 3             | 0             | 0             | 1             | 1             | 0            | 0            | 0            | 584   | 23          |
|    | 18:00       | 5     | 349             | 106         | 1     | 9             | 2             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 473   | 13          |
|    | 19:00       | 6     | 270             | 78          | 0     | 6             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 361   | 7           |
|    | 20:00       | 2     | 185             | 56          | 0     | 3             | 2             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 248   | 5           |
|    | 21:00       | 1     | 153             | 24          | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 178   | 0           |
|    | 22:00       | 1     | 83              | 33          | 0     | 4             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 121   | 4           |
|    | 23:00       | 0     | 58              | 13          | 1     | 2             | 0             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 76    | 5           |
|    | Total       | 103   | 5312            | 1645        | 66    | 210           | 51            | 1             | 33            | 19            | 2             | 0            | 1            | 0            | 7443  | 383         |
|    | Percent     | 1.4%  | 71.4%           | 22.1%       | 0.9%  | 2.8%          | 0.7%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.1%        |
|    | AM Peak     | 07:00 | 07:00           | 07:00       | 08:00 | 09:00         | 09:00         | 10:00         | 10:00         | 10:00         |               |              | 08:00        |              | 07:00 | 09:00       |
|    | Vol.        | 8     | 450             | 132         | 8     | 19            | 6             | 1             | 5             | 3             |               |              | 1            |              | 620   | 32          |
|    | PM Peak     | 17:00 | 16:00           | 16:00       | 14:00 | 16:00         | 14:00         |               | 14:00         | 16:00         | 14:00         |              |              |              | 16:00 | 14:00       |
|    | Vol.        | 10    | 442             | 137         | 18    | 21            | 9             |               | 5             | 4             | 1             |              |              |              | 617   | 40          |
|    | Grand Total | 206   | 10614           | 3266        | 130   | 420           | 104           | 2             | 70            | 40            | 3             | 0            | 2            | 0            | 14857 | 771         |
|    | Percent     | 1.4%  | 71.4%           | 22.0%       | 0.9%  | 2.8%          | 0.7%          | 0.0%          | 0.5%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.2%        |

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 Plymouth St (106), east of Hemlock Ln

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| 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 | Truck Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/23/09   | 0     | 27              | 11          | 1     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 39    | 1           |
| 01:00      | 1     | 13              | 3           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 17    | 0           |
| 02:00      | 0     | 8               | 2           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 10    | 0           |
| 03:00      | 0     | 10              | 4           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 15    | 1           |
| 04:00      | 0     | 13              | 8           | 1     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 24    | 3           |
| 05:00      | 0     | 55              | 22          | 2     | 4             | 2             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 86    | 9           |
| 06:00      | 3     | 182             | 79          | 6     | 12            | 2             | 0             | 1             | 3             | 0             | 0            | 0            | 0            | 288   | 24          |
| 07:00      | 4     | 307             | 108         | 5     | 16            | 5             | 0             | 2             | 3             | 0             | 0            | 0            | 0            | 450   | 31          |
| 08:00      | 4     | 270             | 113         | 2     | 18            | 1             | 1             | 4             | 1             | 0             | 0            | 0            | 0            | 414   | 27          |
| 09:00      | 5     | 273             | 85          | 3     | 12            | 1             | 0             | 2             | 5             | 0             | 0            | 0            | 0            | 386   | 23          |
| 10:00      | 2     | 274             | 78          | 3     | 21            | 2             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 381   | 27          |
| 11:00      | 4     | 283             | 82          | 1     | 13            | 5             | 0             | 2             | 2             | 0             | 0            | 0            | 0            | 392   | 23          |
| 12 PM      | 4     | 293             | 104         | 3     | 17            | 3             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 425   | 24          |
| 13:00      | 10    | 291             | 110         | 4     | 16            | 4             | 0             | 0             | 2             | 0             | 0            | 0            | 0            | 437   | 26          |
| 14:00      | 5     | 310             | 86          | 1     | 10            | 2             | 0             | 3             | 4             | 0             | 0            | 0            | 0            | 421   | 20          |
| 15:00      | 10    | 464             | 144         | 2     | 18            | 3             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 642   | 24          |
| 16:00      | 12    | 446             | 133         | 2     | 21            | 1             | 0             | 1             | 2             | 0             | 0            | 0            | 0            | 618   | 27          |
| 17:00      | 5     | 512             | 140         | 0     | 13            | 2             | 0             | 0             | 2             | 0             | 0            | 0            | 0            | 674   | 17          |
| 18:00      | 10    | 382             | 116         | 0     | 16            | 2             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 527   | 19          |
| 19:00      | 13    | 265             | 57          | 0     | 6             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 341   | 6           |
| 20:00      | 2     | 179             | 49          | 0     | 7             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 237   | 7           |
| 21:00      | 3     | 133             | 31          | 0     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 169   | 2           |
| 22:00      | 0     | 82              | 17          | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 99    | 0           |
| 23:00      | 1     | 42              | 10          | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 53    | 0           |
| Total      | 98    | 5114            | 1592        | 36    | 225           | 35            | 1             | 18            | 26            | 0             | 0            | 0            | 0            | 7145  | 341         |
| Percent    | 1.4%  | 71.6%           | 22.3%       | 0.5%  | 3.1%          | 0.5%          | 0.0%          | 0.3%          | 0.4%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 4.8%        |
| AM Peak    | 09:00 | 07:00           | 08:00       | 06:00 | 10:00         | 07:00         | 08:00         | 08:00         | 09:00         |               |              |              |              | 07:00 | 07:00       |
| Vol.       | 5     | 307             | 113         | 6     | 21            | 5             | 1             | 4             | 5             |               |              |              |              | 450   | 31          |
| PM Peak    | 19:00 | 17:00           | 15:00       | 13:00 | 16:00         | 13:00         |               | 14:00         | 14:00         |               |              |              |              | 17:00 | 16:00       |
| Vol.       | 13    | 512             | 144         | 4     | 21            | 4             |               | 3             | 4             |               |              |              |              | 674   | 27          |

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 Tube Layout: L6 Basic (2')

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 Plymouth St (106), east of Hemlock Ln

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 | Truck Total |
|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/24/09    | 0     | 32              | 4           | 0     | 0             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 37    | 1           |
| 01:00       | 0     | 18              | 1           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 20    | 1           |
| 02:00       | 0     | 16              | 4           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 20    | 0           |
| 03:00       | 0     | 6               | 1           | 1     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 9     | 2           |
| 04:00       | 0     | 22              | 7           | 2     | 4             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 35    | 6           |
| 05:00       | 1     | 55              | 26          | 3     | 4             | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 91    | 9           |
| 06:00       | 3     | 189             | 79          | 3     | 11            | 2             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 290   | 19          |
| 07:00       | 2     | 309             | 112         | 7     | 19            | 1             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 452   | 29          |
| 08:00       | 5     | 294             | 110         | 1     | 18            | 6             | 0             | 4             | 0             | 0             | 0            | 0            | 0            | 438   | 29          |
| 09:00       | 3     | 271             | 96          | 5     | 22            | 1             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 401   | 31          |
| 10:00       | 7     | 273             | 94          | 1     | 20            | 5             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 401   | 27          |
| 11:00       | 9     | 292             | 81          | 3     | 12            | 3             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 403   | 21          |
| 12 PM       | 8     | 333             | 115         | 3     | 16            | 5             | 0             | 1             | 3             | 0             | 0            | 0            | 0            | 484   | 28          |
| 13:00       | 8     | 300             | 94          | 3     | 12            | 6             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 424   | 22          |
| 14:00       | 10    | 354             | 97          | 4     | 16            | 2             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 485   | 24          |
| 15:00       | 5     | 420             | 123         | 5     | 18            | 1             | 0             | 6             | 2             | 0             | 0            | 0            | 0            | 580   | 32          |
| 16:00       | 8     | 508             | 135         | 5     | 14            | 5             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 679   | 28          |
| 17:00       | 11    | 495             | 146         | 2     | 16            | 0             | 0             | 2             | 1             | 1             | 0            | 0            | 0            | 674   | 22          |
| 18:00       | 8     | 382             | 124         | 0     | 14            | 2             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 534   | 20          |
| 19:00       | 5     | 229             | 66          | 0     | 5             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 305   | 5           |
| 20:00       | 1     | 151             | 42          | 0     | 3             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 198   | 4           |
| 21:00       | 2     | 151             | 36          | 0     | 2             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 192   | 3           |
| 22:00       | 0     | 75              | 14          | 0     | 2             | 0             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 92    | 3           |
| 23:00       | 1     | 54              | 11          | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 66    | 0           |
| Total       | 97    | 5229            | 1618        | 48    | 230           | 40            | 0             | 34            | 13            | 1             | 0            | 0            | 0            | 7310  | 366         |
| Percent     | 1.3%  | 71.5%           | 22.1%       | 0.7%  | 3.1%          | 0.5%          | 0.0%          | 0.5%          | 0.2%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.0%        |
| AM Peak     | 11:00 | 07:00           | 07:00       | 07:00 | 09:00         | 08:00         |               | 08:00         | 06:00         |               |              |              |              | 07:00 | 09:00       |
| Vol.        | 9     | 309             | 112         | 7     | 22            | 6             |               | 4             | 1             |               |              |              |              | 452   | 31          |
| PM Peak     | 17:00 | 16:00           | 17:00       | 15:00 | 15:00         | 13:00         |               | 15:00         | 12:00         | 17:00         |              |              |              | 16:00 | 15:00       |
| Vol.        | 11    | 508             | 146         | 5     | 18            | 6             |               | 6             | 3             | 1             |              |              |              | 679   | 32          |
| Grand Total | 195   | 10343           | 3210        | 84    | 455           | 75            | 1             | 52            | 39            | 1             | 0            | 0            | 0            | 14455 | 707         |
| Percent     | 1.3%  | 71.6%           | 22.2%       | 0.6%  | 3.1%          | 0.5%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 4.9%        |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

WB, 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 | Truck Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/23/09   | 0     | 44              | 14          | 1     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 60    | 2           |
| 01:00      | 1     | 25              | 7           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 33    | 0           |
| 02:00      | 0     | 17              | 5           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 22    | 0           |
| 03:00      | 0     | 19              | 7           | 0     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 28    | 2           |
| 04:00      | 0     | 46              | 32          | 2     | 7             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 87    | 9           |
| 05:00      | 3     | 140             | 73          | 3     | 9             | 2             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 232   | 16          |
| 06:00      | 6     | 384             | 162         | 11    | 24            | 2             | 1             | 1             | 3             | 0             | 0            | 0            | 0            | 594   | 42          |
| 07:00      | 6     | 758             | 246         | 11    | 29            | 8             | 0             | 5             | 3             | 1             | 0            | 0            | 0            | 1067  | 57          |
| 08:00      | 10    | 675             | 232         | 11    | 34            | 5             | 1             | 8             | 2             | 0             | 0            | 0            | 0            | 978   | 61          |
| 09:00      | 7     | 540             | 159         | 10    | 23            | 7             | 0             | 3             | 7             | 0             | 0            | 1            | 0            | 757   | 51          |
| 10:00      | 7     | 546             | 154         | 5     | 35            | 2             | 0             | 3             | 2             | 0             | 0            | 0            | 0            | 754   | 47          |
| 11:00      | 7     | 542             | 171         | 5     | 35            | 9             | 0             | 4             | 3             | 0             | 0            | 0            | 0            | 776   | 56          |
| 12 PM      | 7     | 555             | 212         | 8     | 28            | 11            | 0             | 5             | 1             | 0             | 0            | 0            | 0            | 827   | 53          |
| 13:00      | 19    | 603             | 203         | 6     | 30            | 7             | 0             | 6             | 5             | 0             | 0            | 0            | 0            | 879   | 54          |
| 14:00      | 12    | 670             | 190         | 17    | 27            | 11            | 0             | 4             | 6             | 0             | 0            | 0            | 0            | 937   | 65          |
| 15:00      | 19    | 823             | 266         | 4     | 30            | 6             | 0             | 4             | 4             | 0             | 0            | 0            | 0            | 1156  | 48          |
| 16:00      | 25    | 846             | 275         | 3     | 33            | 7             | 0             | 4             | 5             | 0             | 0            | 0            | 0            | 1198  | 52          |
| 17:00      | 19    | 973             | 270         | 1     | 28            | 3             | 0             | 3             | 4             | 0             | 0            | 0            | 0            | 1301  | 39          |
| 18:00      | 25    | 742             | 218         | 2     | 28            | 5             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 1024  | 39          |
| 19:00      | 16    | 511             | 107         | 0     | 17            | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 652   | 18          |
| 20:00      | 6     | 386             | 86          | 0     | 11            | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 490   | 12          |
| 21:00      | 4     | 298             | 67          | 0     | 2             | 2             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 373   | 4           |
| 22:00      | 1     | 175             | 38          | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 215   | 1           |
| 23:00      | 1     | 98              | 19          | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 119   | 1           |
| Total      | 201   | 10416           | 3213        | 100   | 435           | 88            | 2             | 55            | 47            | 1             | 0            | 1            | 0            | 14559 | 729         |
| Percent    | 1.4%  | 71.5%           | 22.1%       | 0.7%  | 3.0%          | 0.6%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.0%        |
| AM Peak    | 08:00 | 07:00           | 07:00       | 06:00 | 10:00         | 11:00         | 06:00         | 08:00         | 09:00         | 07:00         |              | 09:00        |              | 07:00 | 08:00       |
| Vol.       | 10    | 758             | 246         | 11    | 35            | 9             | 1             | 8             | 7             | 1             |              | 1            |              | 1067  | 61          |
| PM Peak    | 16:00 | 17:00           | 16:00       | 14:00 | 16:00         | 12:00         |               | 13:00         | 14:00         |               |              |              |              | 17:00 | 14:00       |
| Vol.       | 25    | 973             | 275         | 17    | 33            | 11            |               | 6             | 6             |               |              |              |              | 1301  | 65          |



Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106), east of Hemlock Ln

| WB, EB      | Start Time | 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 | Truck Total |
|-------------|------------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
|             | 09/24/09   | 0               | 55          | 9     | 1             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 66    | 2           |
|             | 01:00      | 0               | 33          | 4     | 0             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 38    | 1           |
|             | 02:00      | 0               | 24          | 6     | 0             | 0             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 33    | 3           |
|             | 03:00      | 0               | 18          | 4     | 1             | 2             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 25    | 3           |
|             | 04:00      | 0               | 52          | 25    | 2             | 9             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 88    | 11          |
|             | 05:00      | 1               | 138         | 79    | 4             | 10            | 3             | 0             | 2             | 0             | 0            | 0            | 0            | 237   | 19          |
|             | 06:00      | 8               | 376         | 164   | 7             | 23            | 6             | 0             | 3             | 1             | 0            | 0            | 0            | 588   | 40          |
|             | 07:00      | 10              | 759         | 244   | 14            | 34            | 5             | 0             | 3             | 3             | 0            | 0            | 0            | 1072  | 59          |
|             | 08:00      | 13              | 638         | 225   | 9             | 32            | 6             | 0             | 6             | 1             | 0            | 0            | 1            | 931   | 55          |
|             | 09:00      | 10              | 591         | 182   | 11            | 41            | 7             | 0             | 2             | 2             | 0            | 0            | 0            | 846   | 63          |
|             | 10:00      | 15              | 559         | 182   | 7             | 33            | 9             | 1             | 6             | 3             | 0            | 0            | 0            | 815   | 59          |
|             | 11:00      | 17              | 547         | 162   | 4             | 29            | 4             | 0             | 4             | 1             | 0            | 0            | 0            | 768   | 42          |
|             | 12 PM      | 16              | 637         | 219   | 3             | 32            | 9             | 0             | 4             | 4             | 0            | 0            | 0            | 924   | 52          |
|             | 13:00      | 14              | 613         | 182   | 3             | 23            | 7             | 0             | 4             | 3             | 0            | 0            | 0            | 849   | 40          |
|             | 14:00      | 19              | 661         | 193   | 22            | 23            | 11            | 0             | 6             | 1             | 1            | 0            | 0            | 937   | 64          |
|             | 15:00      | 9               | 825         | 241   | 14            | 30            | 6             | 0             | 10            | 3             | 0            | 0            | 0            | 1138  | 63          |
|             | 16:00      | 15              | 950         | 272   | 7             | 35            | 9             | 0             | 3             | 5             | 0            | 0            | 0            | 1296  | 59          |
|             | 17:00      | 21              | 925         | 267   | 3             | 33            | 3             | 0             | 2             | 2             | 2            | 0            | 0            | 1258  | 45          |
|             | 18:00      | 13              | 731         | 230   | 1             | 23            | 4             | 0             | 4             | 1             | 0            | 0            | 0            | 1007  | 33          |
|             | 19:00      | 11              | 499         | 144   | 0             | 11            | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 666   | 12          |
|             | 20:00      | 3               | 336         | 98    | 0             | 6             | 2             | 0             | 1             | 0             | 0            | 0            | 0            | 446   | 9           |
|             | 21:00      | 3               | 304         | 60    | 0             | 2             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 370   | 3           |
|             | 22:00      | 1               | 158         | 47    | 0             | 6             | 0             | 0             | 0             | 1             | 0            | 0            | 0            | 213   | 7           |
|             | 23:00      | 1               | 112         | 24    | 1             | 2             | 0             | 0             | 1             | 1             | 0            | 0            | 0            | 142   | 5           |
|             | Total      | 200             | 10541       | 3263  | 114           | 440           | 91            | 1             | 67            | 32            | 3            | 0            | 1            | 14753 | 749         |
|             | Percent    | 1.4%            | 71.4%       | 22.1% | 0.8%          | 3.0%          | 0.6%          | 0.0%          | 0.5%          | 0.2%          | 0.0%         | 0.0%         | 0.0%         |       | 5.1%        |
| AM Peak     | 11:00      | 07:00           | 07:00       | 07:00 | 09:00         | 10:00         | 10:00         | 08:00         | 07:00         |               |              | 08:00        |              | 07:00 | 09:00       |
| Vol.        | 17         | 759             | 244         | 14    | 41            | 9             | 1             | 6             | 3             |               |              | 1            |              | 1072  | 63          |
| PM Peak     | 17:00      | 16:00           | 16:00       | 14:00 | 16:00         | 14:00         |               | 15:00         | 16:00         | 17:00         |              |              |              | 16:00 | 14:00       |
| Vol.        | 21         | 950             | 272         | 22    | 35            | 11            |               | 10            | 5             | 2             |              |              |              | 1296  | 64          |
| Grand Total | 401        | 20957           | 6476        | 214   | 875           | 179           | 3             | 122           | 79            | 4             | 0            | 2            | 0            | 29312 | 1478        |
| Percent     | 1.4%       | 71.5%           | 22.1%       | 0.7%  | 3.0%          | 0.6%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.0%        |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

| Start Time | 21-Sep-09 |    | Tue |    | Wed   |       | Thu   |       | Fri |    | Sat |    | Sun |    | Week Average |       |
|------------|-----------|----|-----|----|-------|-------|-------|-------|-----|----|-----|----|-----|----|--------------|-------|
|            | WB        | EB | WB  | EB | WB    | EB    | WB    | EB    | WB  | EB | WB  | EB | WB  | EB | WB           | EB    |
| 12:00 AM   | *         | *  | *   | *  | 23    | 37    | 30    | 36    | *   | *  | *   | *  | *   | *  | 26           | 36    |
| 01:00      | *         | *  | *   | *  | 16    | 17    | 20    | 20    | *   | *  | *   | *  | *   | *  | 18           | 18    |
| 02:00      | *         | *  | *   | *  | 12    | 9     | 14    | 20    | *   | *  | *   | *  | *   | *  | 13           | 14    |
| 03:00      | *         | *  | *   | *  | 14    | 15    | 17    | 8     | *   | *  | *   | *  | *   | *  | 16           | 12    |
| 04:00      | *         | *  | *   | *  | 61    | 24    | 51    | 34    | *   | *  | *   | *  | *   | *  | 56           | 29    |
| 05:00      | *         | *  | *   | *  | 151   | 90    | 155   | 94    | *   | *  | *   | *  | *   | *  | 153          | 92    |
| 06:00      | *         | *  | *   | *  | 301   | 309   | 306   | 303   | *   | *  | *   | *  | *   | *  | 304          | 306   |
| 07:00      | *         | *  | *   | *  | 640   | 471   | 642   | 477   | *   | *  | *   | *  | *   | *  | 641          | 474   |
| 08:00      | *         | *  | *   | *  | 576   | 473   | 519   | 485   | *   | *  | *   | *  | *   | *  | 548          | 479   |
| 09:00      | *         | *  | *   | *  | 381   | 387   | 424   | 407   | *   | *  | *   | *  | *   | *  | 402          | 397   |
| 10:00      | *         | *  | *   | *  | 357   | 400   | 403   | 418   | *   | *  | *   | *  | *   | *  | 380          | 409   |
| 11:00      | *         | *  | *   | *  | 388   | 400   | 391   | 412   | *   | *  | *   | *  | *   | *  | 390          | 406   |
| 12:00 PM   | *         | *  | *   | *  | 413   | 434   | 429   | 489   | *   | *  | *   | *  | *   | *  | 421          | 462   |
| 01:00      | *         | *  | *   | *  | 450   | 451   | 419   | 428   | *   | *  | *   | *  | *   | *  | 434          | 440   |
| 02:00      | *         | *  | *   | *  | 517   | 491   | 495   | 529   | *   | *  | *   | *  | *   | *  | 506          | 510   |
| 03:00      | *         | *  | *   | *  | 517   | 664   | 546   | 617   | *   | *  | *   | *  | *   | *  | 532          | 640   |
| 04:00      | *         | *  | *   | *  | 575   | 660   | 640   | 706   | *   | *  | *   | *  | *   | *  | 608          | 683   |
| 05:00      | *         | *  | *   | *  | 634   | 689   | 578   | 699   | *   | *  | *   | *  | *   | *  | 606          | 694   |
| 06:00      | *         | *  | *   | *  | 499   | 542   | 482   | 537   | *   | *  | *   | *  | *   | *  | 490          | 540   |
| 07:00      | *         | *  | *   | *  | 329   | 339   | 358   | 317   | *   | *  | *   | *  | *   | *  | 344          | 328   |
| 08:00      | *         | *  | *   | *  | 256   | 233   | 250   | 203   | *   | *  | *   | *  | *   | *  | 253          | 218   |
| 09:00      | *         | *  | *   | *  | 190   | 190   | 175   | 192   | *   | *  | *   | *  | *   | *  | 182          | 191   |
| 10:00      | *         | *  | *   | *  | 117   | 93    | 119   | 88    | *   | *  | *   | *  | *   | *  | 118          | 90    |
| 11:00      | *         | *  | *   | *  | 61    | 53    | 73    | 68    | *   | *  | *   | *  | *   | *  | 67           | 60    |
| Total      | 0         | 0  | 0   | 0  | 7478  | 7471  | 7536  | 7587  | 0   | 0  | 0   | 0  | 0   | 0  | 7508         | 7528  |
| Day        | 0         | 0  | 0   | 0  | 14949 |       | 15123 |       | 0   | 0  | 0   | 0  | 0   | 0  | 15036        |       |
| AM Peak    |           |    |     |    | 07:00 | 08:00 | 07:00 | 08:00 |     |    |     |    |     |    | 07:00        | 08:00 |
| Vol.       |           |    |     |    | 640   | 473   | 642   | 485   |     |    |     |    |     |    | 641          | 479   |
| PM Peak    |           |    |     |    | 17:00 | 17:00 | 16:00 | 16:00 |     |    |     |    |     |    | 16:00        | 17:00 |
| Vol.       |           |    |     |    | 634   | 689   | 640   | 706   |     |    |     |    |     |    | 608          | 694   |

Comb. Total                    0                    0                    14949                    15123                    0                    0                    0                    15036

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

| Start Time | 21-Sep-09<br>Mon | 22-Sep-09<br>Tue | 23-Sep-09<br>Wed | 24-Sep-09<br>Thu | 25-Sep-09<br>Fri | 26-Sep-09<br>Sat | 27-Sep-09<br>Sun | Week<br>Average |
|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| 12:00 AM   | *                | *                | 60               | 66               | *                | *                | *                | 63              |
| 01:00      | *                | *                | 33               | 40               | *                | *                | *                | 36              |
| 02:00      | *                | *                | 21               | 34               | *                | *                | *                | 28              |
| 03:00      | *                | *                | 29               | 25               | *                | *                | *                | 27              |
| 04:00      | *                | *                | 85               | 85               | *                | *                | *                | 85              |
| 05:00      | *                | *                | 241              | 249              | *                | *                | *                | 245             |
| 06:00      | *                | *                | 610              | 609              | *                | *                | *                | 610             |
| 07:00      | *                | *                | <b>1111</b>      | <b>1119</b>      | *                | *                | *                | <b>1115</b>     |
| 08:00      | *                | *                | 1049             | 1004             | *                | *                | *                | 1026            |
| 09:00      | *                | *                | 768              | 831              | *                | *                | *                | 800             |
| 10:00      | *                | *                | 757              | 821              | *                | *                | *                | 789             |
| 11:00      | *                | *                | 788              | 803              | *                | *                | *                | 796             |
| 12:00 PM   | *                | *                | 847              | 918              | *                | *                | *                | 882             |
| 01:00      | *                | *                | 901              | 847              | *                | *                | *                | 874             |
| 02:00      | *                | *                | 1008             | 1024             | *                | *                | *                | 1016            |
| 03:00      | *                | *                | 1181             | 1163             | *                | *                | *                | 1172            |
| 04:00      | *                | *                | 1235             | <b>1346</b>      | *                | *                | *                | 1290            |
| 05:00      | *                | *                | <b>1323</b>      | 1277             | *                | *                | *                | <b>1300</b>     |
| 06:00      | *                | *                | 1041             | 1019             | *                | *                | *                | 1030            |
| 07:00      | *                | *                | 668              | 675              | *                | *                | *                | 672             |
| 08:00      | *                | *                | 489              | 453              | *                | *                | *                | 471             |
| 09:00      | *                | *                | 380              | 367              | *                | *                | *                | 374             |
| 10:00      | *                | *                | 210              | 207              | *                | *                | *                | 208             |
| 11:00      | *                | *                | 114              | 141              | *                | *                | *                | 128             |
| Total      | 0                | 0                | 14949            | 15123            | 0                | 0                | 0                | 15037           |
| Percentage | 0.0%             | 0.0%             | 99.4%            | 100.6%           | 0.0%             | 0.0%             | 0.0%             |                 |
| AM Peak    |                  |                  | 07:00            | 07:00            |                  |                  |                  | 07:00           |
| Vol.       |                  |                  | 1111             | 1119             |                  |                  |                  | 1115            |
| PM Peak    |                  |                  | 17:00            | 16:00            |                  |                  |                  | 17:00           |
| Vol.       |                  |                  | 1323             | 1346             |                  |                  |                  | 1300            |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

WB

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/23/09   | 0       | 0        | 0        | 1        | 3        | 10       | 7        | 1        | 0        | 0        | 0        | 1        | 0        | 0         | 23    |
| 01:00      | 0       | 0        | 1        | 0        | 5        | 4        | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 16    |
| 02:00      | 0       | 0        | 0        | 0        | 3        | 5        | 1        | 2        | 1        | 0        | 0        | 0        | 0        | 0         | 12    |
| 03:00      | 0       | 0        | 0        | 0        | 2        | 5        | 6        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 14    |
| 04:00      | 0       | 0        | 0        | 0        | 6        | 27       | 22       | 5        | 1        | 0        | 0        | 0        | 0        | 0         | 61    |
| 05:00      | 0       | 0        | 0        | 4        | 19       | 72       | 50       | 6        | 0        | 0        | 0        | 0        | 0        | 0         | 151   |
| 06:00      | 14      | 0        | 0        | 6        | 56       | 169      | 48       | 8        | 0        | 0        | 0        | 0        | 0        | 0         | 301   |
| 07:00      | 27      | 7        | 6        | 41       | 185      | 266      | 105      | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 640   |
| 08:00      | 20      | 2        | 12       | 38       | 168      | 239      | 91       | 6        | 0        | 0        | 0        | 0        | 0        | 0         | 576   |
| 09:00      | 19      | 1        | 6        | 28       | 92       | 164      | 66       | 5        | 0        | 0        | 0        | 0        | 0        | 0         | 381   |
| 10:00      | 14      | 0        | 5        | 14       | 99       | 156      | 64       | 5        | 0        | 0        | 0        | 0        | 0        | 0         | 357   |
| 11:00      | 16      | 0        | 3        | 19       | 100      | 185      | 60       | 3        | 2        | 0        | 0        | 0        | 0        | 0         | 388   |
| 12 PM      | 14      | 0        | 4        | 19       | 92       | 180      | 91       | 12       | 1        | 0        | 0        | 0        | 0        | 0         | 413   |
| 13:00      | 19      | 1        | 6        | 17       | 92       | 225      | 77       | 13       | 0        | 0        | 0        | 0        | 0        | 0         | 450   |
| 14:00      | 27      | 0        | 2        | 38       | 147      | 227      | 67       | 9        | 0        | 0        | 0        | 0        | 0        | 0         | 517   |
| 15:00      | 30      | 0        | 1        | 10       | 96       | 262      | 107      | 11       | 0        | 0        | 0        | 0        | 0        | 0         | 517   |
| 16:00      | 35      | 0        | 6        | 17       | 120      | 287      | 103      | 7        | 0        | 0        | 0        | 0        | 0        | 0         | 575   |
| 17:00      | 42      | 1        | 6        | 34       | 164      | 290      | 89       | 8        | 0        | 0        | 0        | 0        | 0        | 0         | 634   |
| 18:00      | 36      | 0        | 4        | 22       | 157      | 223      | 52       | 4        | 1        | 0        | 0        | 0        | 0        | 0         | 499   |
| 19:00      | 14      | 0        | 1        | 12       | 105      | 147      | 45       | 5        | 0        | 0        | 0        | 0        | 0        | 0         | 329   |
| 20:00      | 7       | 0        | 0        | 13       | 59       | 121      | 49       | 6        | 0        | 1        | 0        | 0        | 0        | 0         | 256   |
| 21:00      | 1       | 1        | 1        | 2        | 43       | 99       | 40       | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 190   |
| 22:00      | 0       | 0        | 0        | 2        | 16       | 62       | 35       | 1        | 1        | 0        | 0        | 0        | 0        | 0         | 117   |
| 23:00      | 0       | 0        | 0        | 0        | 10       | 30       | 19       | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 61    |
| Total      | 335     | 13       | 64       | 337      | 1839     | 3455     | 1300     | 125      | 8        | 1        | 0        | 1        | 0        | 0         | 7478  |

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 5294  
 Percent in Pace : 70.8%  
 Number of Vehicles > 35 MPH : 4890  
 Percent of Vehicles > 35 MPH : 65.4%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

WB

| Start Time | 1   | 16 | 21  | 26  | 31   | 36   | 41   | 46  | 51 | 56 | 61 | 66 | 71 | 76 | 999 | Total |
|------------|-----|----|-----|-----|------|------|------|-----|----|----|----|----|----|----|-----|-------|
|            | 15  | 20 | 25  | 30  | 35   | 40   | 45   | 50  | 55 | 60 | 65 | 70 | 75 |    |     |       |
| 09/24/09   | 0   | 0  | 0   | 0   | 8    | 10   | 10   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 30    |
| 01:00      | 0   | 0  | 0   | 0   | 4    | 10   | 6    | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 20    |
| 02:00      | 0   | 0  | 0   | 1   | 3    | 7    | 2    | 1   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 14    |
| 03:00      | 0   | 0  | 0   | 0   | 1    | 6    | 6    | 3   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 17    |
| 04:00      | 0   | 0  | 0   | 2   | 9    | 19   | 18   | 2   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 51    |
| 05:00      | 2   | 0  | 0   | 4   | 20   | 77   | 45   | 6   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 155   |
| 06:00      | 16  | 2  | 5   | 13  | 78   | 138  | 48   | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 306   |
| 07:00      | 22  | 0  | 4   | 32  | 156  | 336  | 86   | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 642   |
| 08:00      | 24  | 1  | 16  | 61  | 157  | 191  | 64   | 3   | 2  | 0  | 0  | 0  | 0  | 0  | 0   | 519   |
| 09:00      | 30  | 0  | 2   | 19  | 90   | 203  | 71   | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 424   |
| 10:00      | 13  | 2  | 23  | 17  | 69   | 176  | 96   | 6   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 403   |
| 11:00      | 13  | 0  | 5   | 18  | 76   | 174  | 95   | 10  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 391   |
| 12 PM      | 16  | 0  | 0   | 15  | 101  | 189  | 93   | 14  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 429   |
| 13:00      | 25  | 1  | 12  | 26  | 72   | 179  | 97   | 7   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 419   |
| 14:00      | 29  | 0  | 13  | 49  | 143  | 201  | 54   | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 495   |
| 15:00      | 36  | 0  | 2   | 39  | 133  | 245  | 90   | 1   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 546   |
| 16:00      | 55  | 7  | 10  | 38  | 194  | 257  | 72   | 7   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 640   |
| 17:00      | 45  | 4  | 2   | 33  | 148  | 244  | 91   | 11  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 578   |
| 18:00      | 26  | 0  | 2   | 31  | 112  | 221  | 82   | 6   | 2  | 0  | 0  | 0  | 0  | 0  | 0   | 482   |
| 19:00      | 9   | 0  | 6   | 15  | 93   | 180  | 49   | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 358   |
| 20:00      | 5   | 0  | 1   | 7   | 49   | 128  | 49   | 10  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 250   |
| 21:00      | 3   | 0  | 1   | 4   | 37   | 84   | 40   | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 175   |
| 22:00      | 0   | 0  | 0   | 0   | 11   | 61   | 33   | 9   | 4  | 0  | 0  | 1  | 0  | 0  | 0   | 119   |
| 23:00      | 0   | 0  | 0   | 3   | 8    | 37   | 18   | 7   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 73    |
| Total      | 369 | 17 | 104 | 427 | 1772 | 3373 | 1315 | 144 | 14 | 0  | 0  | 1  | 0  | 0  | 0   | 7536  |

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 5145  
 Percent in Pace : 68.3%  
 Number of Vehicles > 35 MPH : 4847  
 Percent of Vehicles > 35 MPH : 64.3%

|             |     |    |     |     |      |      |      |     |    |   |   |   |   |   |   |       |
|-------------|-----|----|-----|-----|------|------|------|-----|----|---|---|---|---|---|---|-------|
| Grand Total | 704 | 30 | 168 | 764 | 3611 | 6828 | 2615 | 269 | 22 | 1 | 0 | 2 | 0 | 0 | 0 | 15014 |
|-------------|-----|----|-----|-----|------|------|------|-----|----|---|---|---|---|---|---|-------|

Overall  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 10439  
 Percent in Pace : 69.5%  
 Number of Vehicles > 35 MPH : 9737  
 Percent of Vehicles > 35 MPH : 64.9%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

EB

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|
| 09/23/09   | 0       | 0        | 1        | 1        | 6        | 18       | 9        | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 37    |
| 01:00      | 0       | 0        | 0        | 2        | 3        | 6        | 5        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 17    |
| 02:00      | 0       | 0        | 0        | 0        | 2        | 3        | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 9     |
| 03:00      | 0       | 0        | 0        | 0        | 3        | 6        | 2        | 2        | 2        | 0        | 0        | 0        | 0        | 0         | 15    |
| 04:00      | 0       | 0        | 0        | 0        | 6        | 14       | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 24    |
| 05:00      | 2       | 0        | 0        | 6        | 20       | 47       | 14       | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 90    |
| 06:00      | 11      | 0        | 3        | 10       | 100      | 152      | 32       | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 309   |
| 07:00      | 32      | 0        | 2        | 10       | 134      | 257      | 34       | 1        | 1        | 0        | 0        | 0        | 0        | 0         | 471   |
| 08:00      | 26      | 0        | 2        | 35       | 165      | 208      | 37       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 473   |
| 09:00      | 16      | 1        | 3        | 16       | 97       | 201      | 47       | 5        | 1        | 0        | 0        | 0        | 0        | 0         | 387   |
| 10:00      | 25      | 1        | 4        | 11       | 105      | 205      | 45       | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 400   |
| 11:00      | 20      | 1        | 11       | 21       | 101      | 191      | 50       | 5        | 0        | 0        | 0        | 0        | 0        | 0         | 400   |
| 12 PM      | 24      | 0        | 5        | 26       | 117      | 210      | 47       | 5        | 0        | 0        | 0        | 0        | 0        | 0         | 434   |
| 13:00      | 25      | 0        | 4        | 33       | 146      | 192      | 45       | 5        | 1        | 0        | 0        | 0        | 0        | 0         | 451   |
| 14:00      | 42      | 0        | 2        | 27       | 160      | 199      | 61       | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 491   |
| 15:00      | 45      | 2        | 6        | 14       | 210      | 299      | 83       | 5        | 0        | 0        | 0        | 0        | 0        | 0         | 664   |
| 16:00      | 46      | 0        | 3        | 24       | 214      | 279      | 90       | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 660   |
| 17:00      | 46      | 0        | 3        | 46       | 185      | 331      | 77       | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 689   |
| 18:00      | 49      | 0        | 2        | 23       | 143      | 256      | 68       | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 542   |
| 19:00      | 14      | 0        | 0        | 17       | 102      | 168      | 34       | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 339   |
| 20:00      | 4       | 1        | 0        | 12       | 69       | 101      | 41       | 4        | 0        | 1        | 0        | 0        | 0        | 0         | 233   |
| 21:00      | 3       | 0        | 3        | 1        | 41       | 108      | 32       | 1        | 1        | 0        | 0        | 0        | 0        | 0         | 190   |
| 22:00      | 2       | 0        | 0        | 0        | 13       | 46       | 24       | 8        | 0        | 0        | 0        | 0        | 0        | 0         | 93    |
| 23:00      | 0       | 0        | 0        | 2        | 6        | 27       | 16       | 1        | 0        | 0        | 1        | 0        | 0        | 0         | 53    |
| Total      | 432     | 6        | 54       | 337      | 2148     | 3524     | 899      | 63       | 6        | 1        | 1        | 0        | 0        | 0         | 7471  |

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
  
 Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 5672  
 Percent in Pace : 75.9%  
 Number of Vehicles > 35 MPH : 4494  
 Percent of Vehicles > 35 MPH : 60.2%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

EB

| Start Time | 15  | 20 | 25 | 30  | 35   | 40   | 45  | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total |
|------------|-----|----|----|-----|------|------|-----|----|----|----|----|----|----|-----|-------|
| 09/24/09   | 1   | 0  | 0  | 0   | 7    | 19   | 6   | 3  | 0  | 0  | 0  | 0  | 0  | 0   | 36    |
| 01:00      | 0   | 0  | 0  | 0   | 5    | 11   | 4   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 20    |
| 02:00      | 0   | 0  | 0  | 0   | 1    | 9    | 7   | 1  | 0  | 0  | 0  | 0  | 1  | 1   | 20    |
| 03:00      | 0   | 0  | 0  | 0   | 2    | 3    | 2   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 8     |
| 04:00      | 0   | 0  | 0  | 0   | 6    | 15   | 10  | 2  | 0  | 1  | 0  | 0  | 0  | 0   | 34    |
| 05:00      | 1   | 0  | 0  | 2   | 24   | 44   | 19  | 4  | 0  | 0  | 0  | 0  | 0  | 0   | 94    |
| 06:00      | 11  | 1  | 4  | 10  | 126  | 117  | 33  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 303   |
| 07:00      | 28  | 0  | 3  | 35  | 186  | 197  | 26  | 2  | 0  | 0  | 0  | 0  | 0  | 0   | 477   |
| 08:00      | 33  | 0  | 1  | 43  | 230  | 161  | 17  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 485   |
| 09:00      | 33  | 2  | 5  | 26  | 151  | 157  | 30  | 3  | 0  | 0  | 0  | 0  | 0  | 0   | 407   |
| 10:00      | 20  | 1  | 5  | 22  | 99   | 214  | 53  | 4  | 0  | 0  | 0  | 0  | 0  | 0   | 418   |
| 11:00      | 21  | 1  | 6  | 12  | 108  | 211  | 50  | 3  | 0  | 0  | 0  | 0  | 0  | 0   | 412   |
| 12 PM      | 31  | 0  | 2  | 32  | 119  | 236  | 65  | 3  | 1  | 0  | 0  | 0  | 0  | 0   | 489   |
| 13:00      | 24  | 1  | 5  | 25  | 131  | 204  | 37  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 428   |
| 14:00      | 36  | 2  | 16 | 66  | 210  | 174  | 22  | 3  | 0  | 0  | 0  | 0  | 0  | 0   | 529   |
| 15:00      | 52  | 0  | 1  | 47  | 274  | 216  | 27  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 617   |
| 16:00      | 56  | 5  | 5  | 57  | 349  | 222  | 12  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 706   |
| 17:00      | 55  | 2  | 5  | 53  | 315  | 246  | 22  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 699   |
| 18:00      | 31  | 0  | 3  | 19  | 155  | 281  | 48  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 537   |
| 19:00      | 17  | 1  | 3  | 9   | 108  | 155  | 24  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 317   |
| 20:00      | 8   | 1  | 2  | 10  | 58   | 91   | 31  | 2  | 0  | 0  | 0  | 0  | 0  | 0   | 203   |
| 21:00      | 4   | 1  | 1  | 5   | 56   | 93   | 29  | 2  | 1  | 0  | 0  | 0  | 0  | 0   | 192   |
| 22:00      | 0   | 0  | 1  | 1   | 16   | 49   | 20  | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 88    |
| 23:00      | 0   | 0  | 0  | 2   | 6    | 38   | 19  | 3  | 0  | 0  | 0  | 0  | 0  | 0   | 68    |
| Total      | 462 | 18 | 68 | 476 | 2742 | 3163 | 613 | 39 | 2  | 2  | 0  | 0  | 1  | 1   | 7587  |

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 5905  
 Percent in Pace : 77.8%  
 Number of Vehicles > 35 MPH : 3821  
 Percent of Vehicles > 35 MPH : 50.4%

|             |     |    |     |     |      |      |      |     |   |   |   |   |   |   |       |
|-------------|-----|----|-----|-----|------|------|------|-----|---|---|---|---|---|---|-------|
| Grand Total | 894 | 24 | 122 | 813 | 4890 | 6687 | 1512 | 102 | 8 | 3 | 1 | 0 | 1 | 1 | 15058 |
|-------------|-----|----|-----|-----|------|------|------|-----|---|---|---|---|---|---|-------|

Overall  
 15th Percentile : 31 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 11577  
 Percent in Pace : 76.9%  
 Number of Vehicles > 35 MPH : 8315  
 Percent of Vehicles > 35 MPH : 55.2%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

WB, EB

| Start Time | 15  | 16 | 21  | 26  | 31   | 36   | 41   | 46  | 51 | 56 | 61 | 66 | 71 | 76 | 999 | Total |
|------------|-----|----|-----|-----|------|------|------|-----|----|----|----|----|----|----|-----|-------|
| 09/23/09   | 0   | 0  | 1   | 2   | 9    | 28   | 16   | 3   | 0  | 0  | 0  | 1  | 0  | 0  | 0   | 60    |
| 01:00      | 0   | 0  | 1   | 2   | 8    | 10   | 11   | 1   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 33    |
| 02:00      | 0   | 0  | 0   | 0   | 5    | 8    | 4    | 3   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 21    |
| 03:00      | 0   | 0  | 0   | 0   | 5    | 11   | 8    | 2   | 3  | 0  | 0  | 0  | 0  | 0  | 0   | 29    |
| 04:00      | 0   | 0  | 0   | 0   | 12   | 41   | 25   | 6   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 85    |
| 05:00      | 2   | 0  | 0   | 10  | 39   | 119  | 64   | 7   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 241   |
| 06:00      | 25  | 0  | 3   | 16  | 156  | 321  | 80   | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 610   |
| 07:00      | 59  | 7  | 8   | 51  | 319  | 523  | 139  | 4   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 1111  |
| 08:00      | 46  | 2  | 14  | 73  | 333  | 447  | 128  | 6   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1049  |
| 09:00      | 35  | 2  | 9   | 44  | 189  | 365  | 113  | 10  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 768   |
| 10:00      | 39  | 1  | 9   | 25  | 204  | 361  | 109  | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 757   |
| 11:00      | 36  | 1  | 14  | 40  | 201  | 376  | 110  | 8   | 2  | 0  | 0  | 0  | 0  | 0  | 0   | 788   |
| 12 PM      | 38  | 0  | 9   | 45  | 209  | 390  | 138  | 17  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 847   |
| 13:00      | 44  | 1  | 10  | 50  | 238  | 417  | 122  | 18  | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 901   |
| 14:00      | 69  | 0  | 4   | 65  | 307  | 426  | 128  | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1008  |
| 15:00      | 75  | 2  | 7   | 24  | 306  | 561  | 190  | 16  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1181  |
| 16:00      | 81  | 0  | 9   | 41  | 334  | 566  | 193  | 11  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1235  |
| 17:00      | 88  | 1  | 9   | 80  | 349  | 621  | 166  | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1323  |
| 18:00      | 85  | 0  | 6   | 45  | 300  | 479  | 120  | 5   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 1041  |
| 19:00      | 28  | 0  | 1   | 29  | 207  | 315  | 79   | 9   | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 668   |
| 20:00      | 11  | 1  | 0   | 25  | 128  | 222  | 90   | 10  | 0  | 2  | 0  | 0  | 0  | 0  | 0   | 489   |
| 21:00      | 4   | 1  | 4   | 3   | 84   | 207  | 72   | 4   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 380   |
| 22:00      | 2   | 0  | 0   | 2   | 29   | 108  | 59   | 9   | 1  | 0  | 0  | 0  | 0  | 0  | 0   | 210   |
| 23:00      | 0   | 0  | 0   | 2   | 16   | 57   | 35   | 3   | 0  | 0  | 1  | 0  | 0  | 0  | 0   | 114   |
| Total      | 767 | 19 | 118 | 674 | 3987 | 6979 | 2199 | 188 | 14 | 2  | 1  | 1  | 0  | 0  | 0   | 14949 |

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 44 MPH  
  
 Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 10966  
 Percent in Pace : 73.4%  
 Number of Vehicles > 35 MPH : 9384  
 Percent of Vehicles > 35 MPH : 62.8%



Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

WB, EB

| Start Time | 15  | 20 | 25  | 30  | 35   | 40   | 45   | 50  | 55 | 60 | 65 | 70 | 75 | 999 | Total |
|------------|-----|----|-----|-----|------|------|------|-----|----|----|----|----|----|-----|-------|
| 09/24/09   | 1   | 0  | 0   | 0   | 15   | 29   | 16   | 5   | 0  | 0  | 0  | 0  | 0  | 0   | 66    |
| 01:00      | 0   | 0  | 0   | 0   | 9    | 21   | 10   | 0   | 0  | 0  | 0  | 0  | 0  | 0   | 40    |
| 02:00      | 0   | 0  | 0   | 1   | 4    | 16   | 9    | 2   | 0  | 0  | 0  | 0  | 1  | 1   | 34    |
| 03:00      | 0   | 0  | 0   | 0   | 3    | 9    | 8    | 4   | 1  | 0  | 0  | 0  | 0  | 0   | 25    |
| 04:00      | 0   | 0  | 0   | 2   | 15   | 34   | 28   | 4   | 1  | 1  | 0  | 0  | 0  | 0   | 85    |
| 05:00      | 3   | 0  | 0   | 6   | 44   | 121  | 64   | 10  | 1  | 0  | 0  | 0  | 0  | 0   | 249   |
| 06:00      | 27  | 3  | 9   | 23  | 204  | 255  | 81   | 7   | 0  | 0  | 0  | 0  | 0  | 0   | 609   |
| 07:00      | 50  | 0  | 7   | 67  | 342  | 533  | 112  | 8   | 0  | 0  | 0  | 0  | 0  | 0   | 1119  |
| 08:00      | 57  | 1  | 17  | 104 | 387  | 352  | 81   | 3   | 2  | 0  | 0  | 0  | 0  | 0   | 1004  |
| 09:00      | 63  | 2  | 7   | 45  | 241  | 360  | 101  | 12  | 0  | 0  | 0  | 0  | 0  | 0   | 831   |
| 10:00      | 33  | 3  | 28  | 39  | 168  | 390  | 149  | 10  | 1  | 0  | 0  | 0  | 0  | 0   | 821   |
| 11:00      | 34  | 1  | 11  | 30  | 184  | 385  | 145  | 13  | 0  | 0  | 0  | 0  | 0  | 0   | 803   |
| 12 PM      | 47  | 0  | 2   | 47  | 220  | 425  | 158  | 17  | 2  | 0  | 0  | 0  | 0  | 0   | 918   |
| 13:00      | 49  | 2  | 17  | 51  | 203  | 383  | 134  | 8   | 0  | 0  | 0  | 0  | 0  | 0   | 847   |
| 14:00      | 65  | 2  | 29  | 115 | 353  | 375  | 76   | 9   | 0  | 0  | 0  | 0  | 0  | 0   | 1024  |
| 15:00      | 88  | 0  | 3   | 86  | 407  | 461  | 117  | 1   | 0  | 0  | 0  | 0  | 0  | 0   | 1163  |
| 16:00      | 111 | 12 | 15  | 95  | 543  | 479  | 84   | 7   | 0  | 0  | 0  | 0  | 0  | 0   | 1346  |
| 17:00      | 100 | 6  | 7   | 86  | 463  | 490  | 113  | 12  | 0  | 0  | 0  | 0  | 0  | 0   | 1277  |
| 18:00      | 57  | 0  | 5   | 50  | 267  | 502  | 130  | 6   | 2  | 0  | 0  | 0  | 0  | 0   | 1019  |
| 19:00      | 26  | 1  | 9   | 24  | 201  | 335  | 73   | 6   | 0  | 0  | 0  | 0  | 0  | 0   | 675   |
| 20:00      | 13  | 1  | 3   | 17  | 107  | 219  | 80   | 12  | 1  | 0  | 0  | 0  | 0  | 0   | 453   |
| 21:00      | 7   | 1  | 2   | 9   | 93   | 177  | 69   | 8   | 1  | 0  | 0  | 0  | 0  | 0   | 367   |
| 22:00      | 0   | 0  | 1   | 1   | 27   | 110  | 53   | 9   | 4  | 1  | 0  | 1  | 0  | 0   | 207   |
| 23:00      | 0   | 0  | 0   | 5   | 14   | 75   | 37   | 10  | 0  | 0  | 0  | 0  | 0  | 0   | 141   |
| Total      | 831 | 35 | 172 | 903 | 4514 | 6536 | 1928 | 183 | 16 | 2  | 0  | 1  | 1  | 1   | 15123 |

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
 Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 11050  
 Percent in Pace : 73.1%  
 Number of Vehicles > 35 MPH : 8668  
 Percent of Vehicles > 35 MPH : 57.3%

|             |      |    |     |      |      |       |      |     |    |   |   |   |   |   |       |
|-------------|------|----|-----|------|------|-------|------|-----|----|---|---|---|---|---|-------|
| Grand Total | 1598 | 54 | 290 | 1577 | 8501 | 13515 | 4127 | 371 | 30 | 4 | 1 | 2 | 1 | 1 | 30072 |
|-------------|------|----|-----|------|------|-------|------|-----|----|---|---|---|---|---|-------|

Overall  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 44 MPH  
 Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 22016  
 Percent in Pace : 73.2%  
 Number of Vehicles > 35 MPH : 18052  
 Percent of Vehicles > 35 MPH : 60.0%

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

| 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 | Truck Total |
|----|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
|    | 09/23/09   | 0     | 16              | 6           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 23    | 1           |
|    | 01:00      | 0     | 11              | 5           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 16    | 0           |
|    | 02:00      | 0     | 9               | 2           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 12    | 1           |
|    | 03:00      | 0     | 9               | 4           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 14    | 1           |
|    | 04:00      | 0     | 30              | 25          | 1     | 5             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 61    | 6           |
|    | 05:00      | 3     | 80              | 56          | 1     | 10            | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 151   | 12          |
|    | 06:00      | 4     | 179             | 97          | 5     | 15            | 0             | 1             | 0             | 0             | 0             | 0            | 0            | 0            | 301   | 21          |
|    | 07:00      | 5     | 437             | 168         | 5     | 16            | 5             | 0             | 2             | 0             | 1             | 0            | 0            | 0            | 639   | 29          |
|    | 08:00      | 1     | 394             | 136         | 11    | 24            | 6             | 0             | 1             | 2             | 0             | 0            | 0            | 0            | 575   | 44          |
|    | 09:00      | 2     | 251             | 95          | 6     | 19            | 3             | 0             | 3             | 2             | 0             | 0            | 0            | 0            | 381   | 33          |
|    | 10:00      | 5     | 241             | 89          | 2     | 16            | 0             | 0             | 1             | 3             | 0             | 0            | 0            | 0            | 357   | 22          |
|    | 11:00      | 0     | 249             | 107         | 3     | 24            | 2             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 388   | 32          |
|    | 12 PM      | 5     | 252             | 124         | 5     | 17            | 5             | 0             | 4             | 1             | 0             | 0            | 0            | 0            | 413   | 32          |
|    | 13:00      | 9     | 304             | 113         | 2     | 13            | 2             | 0             | 4             | 3             | 0             | 0            | 0            | 0            | 450   | 24          |
|    | 14:00      | 6     | 335             | 138         | 11    | 17            | 7             | 0             | 0             | 1             | 1             | 0            | 0            | 0            | 516   | 37          |
|    | 15:00      | 3     | 338             | 147         | 4     | 18            | 2             | 0             | 2             | 1             | 1             | 0            | 0            | 0            | 516   | 28          |
|    | 16:00      | 10    | 357             | 180         | 0     | 15            | 4             | 0             | 3             | 4             | 0             | 0            | 0            | 0            | 573   | 26          |
|    | 17:00      | 7     | 448             | 147         | 1     | 22            | 3             | 0             | 3             | 2             | 0             | 0            | 0            | 0            | 633   | 31          |
|    | 18:00      | 16    | 336             | 121         | 3     | 15            | 3             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 498   | 25          |
|    | 19:00      | 3     | 245             | 68          | 1     | 12            | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 329   | 13          |
|    | 20:00      | 4     | 189             | 59          | 0     | 4             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 256   | 4           |
|    | 21:00      | 1     | 144             | 37          | 0     | 6             | 2             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 190   | 8           |
|    | 22:00      | 1     | 87              | 27          | 0     | 1             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 117   | 2           |
|    | 23:00      | 0     | 50              | 10          | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 61    | 1           |
|    | Total      | 85    | 4991            | 1961        | 61    | 273           | 45            | 1             | 30            | 20            | 3             | 0            | 0            | 0            | 7470  | 433         |
|    | Percent    | 1.1%  | 66.8%           | 26.3%       | 0.8%  | 3.7%          | 0.6%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.8%        |
|    | AM Peak    | 07:00 | 07:00           | 07:00       | 08:00 | 08:00         | 08:00         | 06:00         | 09:00         | 10:00         | 07:00         |              |              |              | 07:00 | 08:00       |
|    | Vol.       | 5     | 437             | 168         | 11    | 24            | 6             | 1             | 3             | 3             | 1             |              |              |              | 639   | 44          |
|    | PM Peak    | 18:00 | 17:00           | 16:00       | 14:00 | 17:00         | 14:00         |               | 12:00         | 16:00         | 14:00         |              |              |              | 17:00 | 14:00       |
|    | Vol.       | 16    | 448             | 180         | 11    | 22            | 7             |               | 4             | 4             | 1             |              |              |              | 633   | 37          |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

| 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 | Truck Total |
|----|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
|    | 09/24/09    | 0     | 21              | 6           | 1     | 1             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 30    | 3           |
|    | 01:00       | 0     | 17              | 3           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 20    | 0           |
|    | 02:00       | 0     | 7               | 3           | 0     | 1             | 0             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 14    | 4           |
|    | 03:00       | 0     | 12              | 4           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 17    | 1           |
|    | 04:00       | 0     | 28              | 17          | 0     | 6             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 51    | 6           |
|    | 05:00       | 0     | 78              | 66          | 2     | 8             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 155   | 11          |
|    | 06:00       | 3     | 188             | 96          | 5     | 11            | 2             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 306   | 19          |
|    | 07:00       | 4     | 450             | 156         | 7     | 18            | 2             | 1             | 3             | 1             | 0             | 0            | 0            | 0            | 642   | 32          |
|    | 08:00       | 5     | 336             | 143         | 8     | 18            | 3             | 1             | 3             | 1             | 0             | 0            | 0            | 0            | 518   | 34          |
|    | 09:00       | 2     | 286             | 105         | 6     | 17            | 5             | 0             | 0             | 2             | 0             | 0            | 0            | 0            | 423   | 30          |
|    | 10:00       | 6     | 260             | 102         | 5     | 16            | 4             | 1             | 5             | 3             | 0             | 0            | 0            | 0            | 402   | 34          |
|    | 11:00       | 8     | 254             | 103         | 1     | 21            | 3             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 391   | 26          |
|    | 12 PM       | 4     | 283             | 115         | 0     | 17            | 5             | 0             | 4             | 1             | 0             | 0            | 0            | 0            | 429   | 27          |
|    | 13:00       | 8     | 276             | 109         | 2     | 17            | 1             | 0             | 4             | 2             | 0             | 0            | 0            | 0            | 419   | 26          |
|    | 14:00       | 10    | 318             | 130         | 14    | 14            | 4             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 494   | 36          |
|    | 15:00       | 5     | 372             | 135         | 11    | 14            | 4             | 0             | 2             | 0             | 1             | 0            | 0            | 0            | 544   | 32          |
|    | 16:00       | 6     | 425             | 168         | 3     | 30            | 4             | 0             | 1             | 4             | 0             | 0            | 0            | 0            | 641   | 42          |
|    | 17:00       | 8     | 400             | 137         | 1     | 27            | 3             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 577   | 32          |
|    | 18:00       | 6     | 338             | 123         | 2     | 9             | 1             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 481   | 14          |
|    | 19:00       | 5     | 252             | 92          | 0     | 6             | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 357   | 8           |
|    | 20:00       | 2     | 180             | 62          | 0     | 4             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 249   | 5           |
|    | 21:00       | 1     | 140             | 34          | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 175   | 0           |
|    | 22:00       | 1     | 79              | 34          | 0     | 5             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 119   | 5           |
|    | 23:00       | 0     | 48              | 20          | 1     | 2             | 0             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 73    | 5           |
|    | Total       | 84    | 5048            | 1963        | 69    | 263           | 45            | 3             | 34            | 17            | 1             | 0            | 0            | 0            | 7527  | 432         |
|    | Percent     | 1.1%  | 67.1%           | 26.1%       | 0.9%  | 3.5%          | 0.6%          | 0.0%          | 0.5%          | 0.2%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.7%        |
|    | AM Peak     | 11:00 | 07:00           | 07:00       | 08:00 | 11:00         | 09:00         | 07:00         | 10:00         | 10:00         |               |              |              |              | 07:00 | 08:00       |
|    | Vol.        | 8     | 450             | 156         | 8     | 21            | 5             | 1             | 5             | 3             |               |              |              |              | 642   | 34          |
|    | PM Peak     | 14:00 | 16:00           | 16:00       | 14:00 | 16:00         | 12:00         |               | 12:00         | 16:00         | 15:00         |              |              |              | 16:00 | 16:00       |
|    | Vol.        | 10    | 425             | 168         | 14    | 30            | 5             |               | 4             | 4             | 1             |              |              |              | 641   | 42          |
|    | Grand Total | 169   | 10039           | 3924        | 130   | 536           | 90            | 4             | 64            | 37            | 4             | 0            | 0            | 0            | 14997 | 865         |
|    | Percent     | 1.1%  | 66.9%           | 26.2%       | 0.9%  | 3.6%          | 0.6%          | 0.0%          | 0.4%          | 0.2%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 5.8%        |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

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 | Truck Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/23/09   | 0     | 23              | 12          | 1     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 37    | 2           |
| 01:00      | 1     | 12              | 4           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 17    | 0           |
| 02:00      | 0     | 7               | 2           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 9     | 0           |
| 03:00      | 0     | 8               | 5           | 0     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 15    | 2           |
| 04:00      | 0     | 14              | 7           | 1     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 24    | 3           |
| 05:00      | 0     | 52              | 26          | 2     | 7             | 2             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 90    | 12          |
| 06:00      | 2     | 189             | 89          | 8     | 15            | 1             | 0             | 1             | 3             | 0             | 0            | 0            | 0            | 308   | 28          |
| 07:00      | 6     | 293             | 131         | 7     | 22            | 3             | 0             | 2             | 5             | 0             | 0            | 0            | 0            | 469   | 39          |
| 08:00      | 2     | 277             | 143         | 11    | 32            | 1             | 1             | 2             | 2             | 1             | 0            | 0            | 0            | 472   | 50          |
| 09:00      | 6     | 252             | 105         | 2     | 13            | 2             | 0             | 3             | 4             | 0             | 0            | 0            | 0            | 387   | 24          |
| 10:00      | 1     | 267             | 98          | 4     | 26            | 2             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 400   | 34          |
| 11:00      | 3     | 259             | 104         | 1     | 23            | 4             | 0             | 4             | 1             | 0             | 0            | 0            | 0            | 399   | 33          |
| 12 PM      | 1     | 284             | 117         | 3     | 26            | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 433   | 31          |
| 13:00      | 3     | 293             | 128         | 6     | 18            | 1             | 0             | 0             | 2             | 0             | 0            | 0            | 0            | 451   | 27          |
| 14:00      | 5     | 337             | 116         | 5     | 18            | 2             | 0             | 2             | 5             | 0             | 0            | 0            | 0            | 490   | 32          |
| 15:00      | 4     | 450             | 178         | 3     | 22            | 4             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 663   | 31          |
| 16:00      | 7     | 430             | 185         | 3     | 27            | 4             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 659   | 37          |
| 17:00      | 6     | 474             | 178         | 0     | 25            | 1             | 0             | 2             | 2             | 0             | 0            | 0            | 0            | 688   | 30          |
| 18:00      | 6     | 382             | 125         | 0     | 25            | 3             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 541   | 28          |
| 19:00      | 6     | 246             | 80          | 0     | 6             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 338   | 6           |
| 20:00      | 1     | 168             | 53          | 0     | 10            | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 232   | 10          |
| 21:00      | 1     | 140             | 46          | 0     | 3             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 190   | 3           |
| 22:00      | 0     | 72              | 21          | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 93    | 0           |
| 23:00      | 1     | 36              | 15          | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 53    | 1           |
| Total      | 62    | 4965            | 1968        | 57    | 324           | 31            | 1             | 22            | 27            | 1             | 0            | 0            | 0            | 7458  | 463         |
| Percent    | 0.8%  | 66.6%           | 26.4%       | 0.8%  | 4.3%          | 0.4%          | 0.0%          | 0.3%          | 0.4%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.2%        |
| AM Peak    | 07:00 | 07:00           | 08:00       | 08:00 | 08:00         | 11:00         | 08:00         | 11:00         | 07:00         | 08:00         |              |              |              | 08:00 | 08:00       |
| Vol.       | 6     | 293             | 143         | 11    | 32            | 4             | 1             | 4             | 5             | 1             |              |              |              | 472   | 50          |
| PM Peak    | 16:00 | 17:00           | 16:00       | 13:00 | 16:00         | 15:00         |               | 14:00         | 14:00         |               |              |              |              | 17:00 | 16:00       |
| Vol.       | 7     | 474             | 185         | 6     | 27            | 4             |               | 2             | 5             |               |              |              |              | 688   | 37          |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

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 | Truck Total |
|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/24/09    | 0     | 28              | 6           | 0     | 1             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 36    | 2           |
| 01:00       | 0     | 17              | 2           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 20    | 1           |
| 02:00       | 0     | 14              | 4           | 0     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 20    | 2           |
| 03:00       | 0     | 5               | 1           | 1     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 8     | 2           |
| 04:00       | 0     | 19              | 10          | 2     | 3             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 34    | 5           |
| 05:00       | 0     | 51              | 30          | 3     | 7             | 1             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 94    | 13          |
| 06:00       | 4     | 184             | 85          | 7     | 17            | 2             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 302   | 29          |
| 07:00       | 2     | 305             | 127         | 10    | 27            | 1             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 476   | 42          |
| 08:00       | 6     | 285             | 153         | 11    | 25            | 2             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 484   | 40          |
| 09:00       | 2     | 235             | 134         | 6     | 23            | 2             | 0             | 2             | 2             | 0             | 0            | 0            | 0            | 406   | 35          |
| 10:00       | 1     | 270             | 111         | 1     | 28            | 4             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 417   | 35          |
| 11:00       | 0     | 277             | 107         | 4     | 19            | 1             | 0             | 2             | 1             | 0             | 0            | 0            | 0            | 411   | 27          |
| 12 PM       | 2     | 320             | 135         | 4     | 20            | 4             | 0             | 1             | 2             | 0             | 0            | 0            | 0            | 488   | 31          |
| 13:00       | 3     | 288             | 112         | 3     | 16            | 3             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 427   | 24          |
| 14:00       | 1     | 356             | 132         | 8     | 25            | 3             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 527   | 38          |
| 15:00       | 5     | 429             | 144         | 6     | 20            | 6             | 0             | 7             | 2             | 0             | 0            | 0            | 0            | 619   | 41          |
| 16:00       | 7     | 467             | 196         | 8     | 23            | 3             | 0             | 1             | 3             | 0             | 0            | 0            | 0            | 708   | 38          |
| 17:00       | 9     | 482             | 172         | 3     | 27            | 6             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 701   | 38          |
| 18:00       | 2     | 358             | 137         | 1     | 30            | 4             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 536   | 39          |
| 19:00       | 3     | 236             | 68          | 0     | 9             | 0             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 317   | 10          |
| 20:00       | 0     | 147             | 51          | 0     | 4             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 202   | 4           |
| 21:00       | 1     | 139             | 46          | 0     | 4             | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 192   | 6           |
| 22:00       | 0     | 68              | 16          | 0     | 3             | 0             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 88    | 4           |
| 23:00       | 1     | 55              | 9           | 0     | 3             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 68    | 3           |
| Total       | 49    | 5035            | 1988        | 78    | 338           | 43            | 0             | 35            | 15            | 0             | 0            | 0            | 0            | 7581  | 509         |
| Percent     | 0.6%  | 66.4%           | 26.2%       | 1.0%  | 4.5%          | 0.6%          | 0.0%          | 0.5%          | 0.2%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.7%        |
| AM Peak     | 08:00 | 07:00           | 08:00       | 08:00 | 10:00         | 10:00         |               | 07:00         | 09:00         |               |              |              |              | 08:00 | 07:00       |
| Vol.        | 6     | 305             | 153         | 11    | 28            | 4             |               | 3             | 2             |               |              |              |              | 484   | 42          |
| PM Peak     | 17:00 | 17:00           | 16:00       | 14:00 | 18:00         | 15:00         |               | 15:00         | 16:00         |               |              |              |              | 16:00 | 15:00       |
| Vol.        | 9     | 482             | 196         | 8     | 30            | 6             |               | 7             | 3             |               |              |              |              | 708   | 41          |
| Grand Total | 111   | 10000           | 3956        | 135   | 662           | 74            | 1             | 57            | 42            | 1             | 0            | 0            | 0            | 15039 | 972         |
| Percent     | 0.7%  | 66.5%           | 26.3%       | 0.9%  | 4.4%          | 0.5%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.5%        |

Old Colony Planning Council  
 70 School Street  
 Brockton, MA 02301  
 508-583-1833

Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

WB, 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 | Truck Total |
|------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/23/09   | 0     | 39              | 18          | 1     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 60    | 3           |
| 01:00      | 1     | 23              | 9           | 0     | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 33    | 0           |
| 02:00      | 0     | 16              | 4           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 21    | 1           |
| 03:00      | 0     | 17              | 9           | 0     | 3             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 29    | 3           |
| 04:00      | 0     | 44              | 32          | 2     | 7             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 85    | 9           |
| 05:00      | 3     | 132             | 82          | 3     | 17            | 2             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 241   | 24          |
| 06:00      | 6     | 368             | 186         | 13    | 30            | 1             | 1             | 1             | 3             | 0             | 0            | 0            | 0            | 609   | 49          |
| 07:00      | 11    | 730             | 299         | 12    | 38            | 8             | 0             | 4             | 5             | 1             | 0            | 0            | 0            | 1108  | 68          |
| 08:00      | 3     | 671             | 279         | 22    | 56            | 7             | 1             | 3             | 4             | 1             | 0            | 0            | 0            | 1047  | 94          |
| 09:00      | 8     | 503             | 200         | 8     | 32            | 5             | 0             | 6             | 6             | 0             | 0            | 0            | 0            | 768   | 57          |
| 10:00      | 6     | 508             | 187         | 6     | 42            | 2             | 0             | 3             | 3             | 0             | 0            | 0            | 0            | 757   | 56          |
| 11:00      | 3     | 508             | 211         | 4     | 47            | 6             | 0             | 7             | 1             | 0             | 0            | 0            | 0            | 787   | 65          |
| 12 PM      | 6     | 536             | 241         | 8     | 43            | 6             | 0             | 5             | 1             | 0             | 0            | 0            | 0            | 846   | 63          |
| 13:00      | 12    | 597             | 241         | 8     | 31            | 3             | 0             | 4             | 5             | 0             | 0            | 0            | 0            | 901   | 51          |
| 14:00      | 11    | 672             | 254         | 16    | 35            | 9             | 0             | 2             | 6             | 1             | 0            | 0            | 0            | 1006  | 69          |
| 15:00      | 7     | 788             | 325         | 7     | 40            | 6             | 0             | 3             | 2             | 1             | 0            | 0            | 0            | 1179  | 59          |
| 16:00      | 17    | 787             | 365         | 3     | 42            | 8             | 0             | 5             | 5             | 0             | 0            | 0            | 0            | 1232  | 63          |
| 17:00      | 13    | 922             | 325         | 1     | 47            | 4             | 0             | 5             | 4             | 0             | 0            | 0            | 0            | 1321  | 61          |
| 18:00      | 22    | 718             | 246         | 3     | 40            | 6             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 1039  | 53          |
| 19:00      | 9     | 491             | 148         | 1     | 18            | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 667   | 19          |
| 20:00      | 5     | 357             | 112         | 0     | 14            | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 488   | 14          |
| 21:00      | 2     | 284             | 83          | 0     | 9             | 2             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 380   | 11          |
| 22:00      | 1     | 159             | 48          | 0     | 1             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 210   | 2           |
| 23:00      | 1     | 86              | 25          | 0     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 114   | 2           |
| Total      | 147   | 9956            | 3929        | 118   | 597           | 76            | 2             | 52            | 47            | 4             | 0            | 0            | 0            | 14928 | 896         |
| Percent    | 1.0%  | 66.7%           | 26.3%       | 0.8%  | 4.0%          | 0.5%          | 0.0%          | 0.3%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.0%        |
| AM Peak    | 07:00 | 07:00           | 07:00       | 08:00 | 08:00         | 07:00         | 06:00         | 11:00         | 09:00         | 07:00         |              |              |              | 07:00 | 08:00       |
| Vol.       | 11    | 730             | 299         | 22    | 56            | 8             | 1             | 7             | 6             | 1             |              |              |              | 1108  | 94          |
| PM Peak    | 18:00 | 17:00           | 16:00       | 14:00 | 17:00         | 14:00         |               | 12:00         | 14:00         | 14:00         |              |              |              | 17:00 | 14:00       |
| Vol.       | 22    | 922             | 365         | 16    | 47            | 9             |               | 5             | 6             | 1             |              |              |              | 1321  | 69          |

Old Colony Planning Council  
 70 School Street  
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Community: Halifax  
 Com #\_U/RFC: 118\_U5  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 118  
 Date Start: 23-Sep-09  
 Date End: 24-Sep-09  
 Plymouth St (106),west of Indian Path Rd

WB, 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 | Truck Total |
|-------------|-------|-----------------|-------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------|-------------|
| 09/24/09    | 0     | 49              | 12          | 1     | 2             | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 66    | 5           |
| 01:00       | 0     | 34              | 5           | 0     | 1             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 40    | 1           |
| 02:00       | 0     | 21              | 7           | 0     | 3             | 0             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 34    | 6           |
| 03:00       | 0     | 17              | 5           | 1     | 2             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 25    | 3           |
| 04:00       | 0     | 47              | 27          | 2     | 9             | 0             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 85    | 11          |
| 05:00       | 0     | 129             | 96          | 5     | 15            | 2             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 249   | 24          |
| 06:00       | 7     | 372             | 181         | 12    | 28            | 4             | 0             | 3             | 1             | 0             | 0            | 0            | 0            | 608   | 48          |
| 07:00       | 6     | 755             | 283         | 17    | 45            | 3             | 1             | 6             | 2             | 0             | 0            | 0            | 0            | 1118  | 74          |
| 08:00       | 11    | 621             | 296         | 19    | 43            | 5             | 1             | 5             | 1             | 0             | 0            | 0            | 0            | 1002  | 74          |
| 09:00       | 4     | 521             | 239         | 12    | 40            | 7             | 0             | 2             | 4             | 0             | 0            | 0            | 0            | 829   | 65          |
| 10:00       | 7     | 530             | 213         | 6     | 44            | 8             | 1             | 7             | 3             | 0             | 0            | 0            | 0            | 819   | 69          |
| 11:00       | 8     | 531             | 210         | 5     | 40            | 4             | 0             | 2             | 2             | 0             | 0            | 0            | 0            | 802   | 53          |
| 12 PM       | 6     | 603             | 250         | 4     | 37            | 9             | 0             | 5             | 3             | 0             | 0            | 0            | 0            | 917   | 58          |
| 13:00       | 11    | 564             | 221         | 5     | 33            | 4             | 0             | 6             | 2             | 0             | 0            | 0            | 0            | 846   | 50          |
| 14:00       | 11    | 674             | 262         | 22    | 39            | 7             | 0             | 4             | 2             | 0             | 0            | 0            | 0            | 1021  | 74          |
| 15:00       | 10    | 801             | 279         | 17    | 34            | 10            | 0             | 9             | 2             | 1             | 0            | 0            | 0            | 1163  | 73          |
| 16:00       | 13    | 892             | 364         | 11    | 53            | 7             | 0             | 2             | 7             | 0             | 0            | 0            | 0            | 1349  | 80          |
| 17:00       | 17    | 882             | 309         | 4     | 54            | 9             | 0             | 3             | 0             | 0             | 0            | 0            | 0            | 1278  | 70          |
| 18:00       | 8     | 696             | 260         | 3     | 39            | 5             | 0             | 5             | 1             | 0             | 0            | 0            | 0            | 1017  | 53          |
| 19:00       | 8     | 488             | 160         | 0     | 15            | 1             | 0             | 2             | 0             | 0             | 0            | 0            | 0            | 674   | 18          |
| 20:00       | 2     | 327             | 113         | 0     | 8             | 1             | 0             | 0             | 0             | 0             | 0            | 0            | 0            | 451   | 9           |
| 21:00       | 2     | 279             | 80          | 0     | 4             | 1             | 0             | 1             | 0             | 0             | 0            | 0            | 0            | 367   | 6           |
| 22:00       | 1     | 147             | 50          | 0     | 8             | 0             | 0             | 0             | 1             | 0             | 0            | 0            | 0            | 207   | 9           |
| 23:00       | 1     | 103             | 29          | 1     | 5             | 0             | 0             | 1             | 1             | 0             | 0            | 0            | 0            | 141   | 8           |
| Total       | 133   | 10083           | 3951        | 147   | 601           | 88            | 3             | 69            | 32            | 1             | 0            | 0            | 0            | 15108 | 941         |
| Percent     | 0.9%  | 66.7%           | 26.2%       | 1.0%  | 4.0%          | 0.6%          | 0.0%          | 0.5%          | 0.2%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.2%        |
| AM Peak     | 08:00 | 07:00           | 08:00       | 08:00 | 07:00         | 10:00         | 07:00         | 10:00         | 09:00         |               |              |              |              | 07:00 | 07:00       |
| Vol.        | 11    | 755             | 296         | 19    | 45            | 8             | 1             | 7             | 4             |               |              |              |              | 1118  | 74          |
| PM Peak     | 17:00 | 16:00           | 16:00       | 14:00 | 17:00         | 15:00         |               | 15:00         | 16:00         | 15:00         |              |              |              | 16:00 | 16:00       |
| Vol.        | 17    | 892             | 364         | 22    | 54            | 10            |               | 9             | 7             | 1             |              |              |              | 1349  | 80          |
| Grand Total | 280   | 20039           | 7880        | 265   | 1198          | 164           | 5             | 121           | 79            | 5             | 0            | 0            | 0            | 30036 | 1837        |
| Percent     | 0.9%  | 66.7%           | 26.2%       | 0.9%  | 4.0%          | 0.5%          | 0.0%          | 0.4%          | 0.3%          | 0.0%          | 0.0%         | 0.0%         | 0.0%         |       | 6.1%        |