

# ROAD SAFETY AUDIT

North Quincy Street at Boundary Avenue/Chestnut Street

Town of Abington/City of Brockton

November 2013

Prepared for:  
Massachusetts Department of Transportation



Prepared by:  
Howard/Stein-Hudson Associates  
38 Chauncy Street  
Boston, MA 02111



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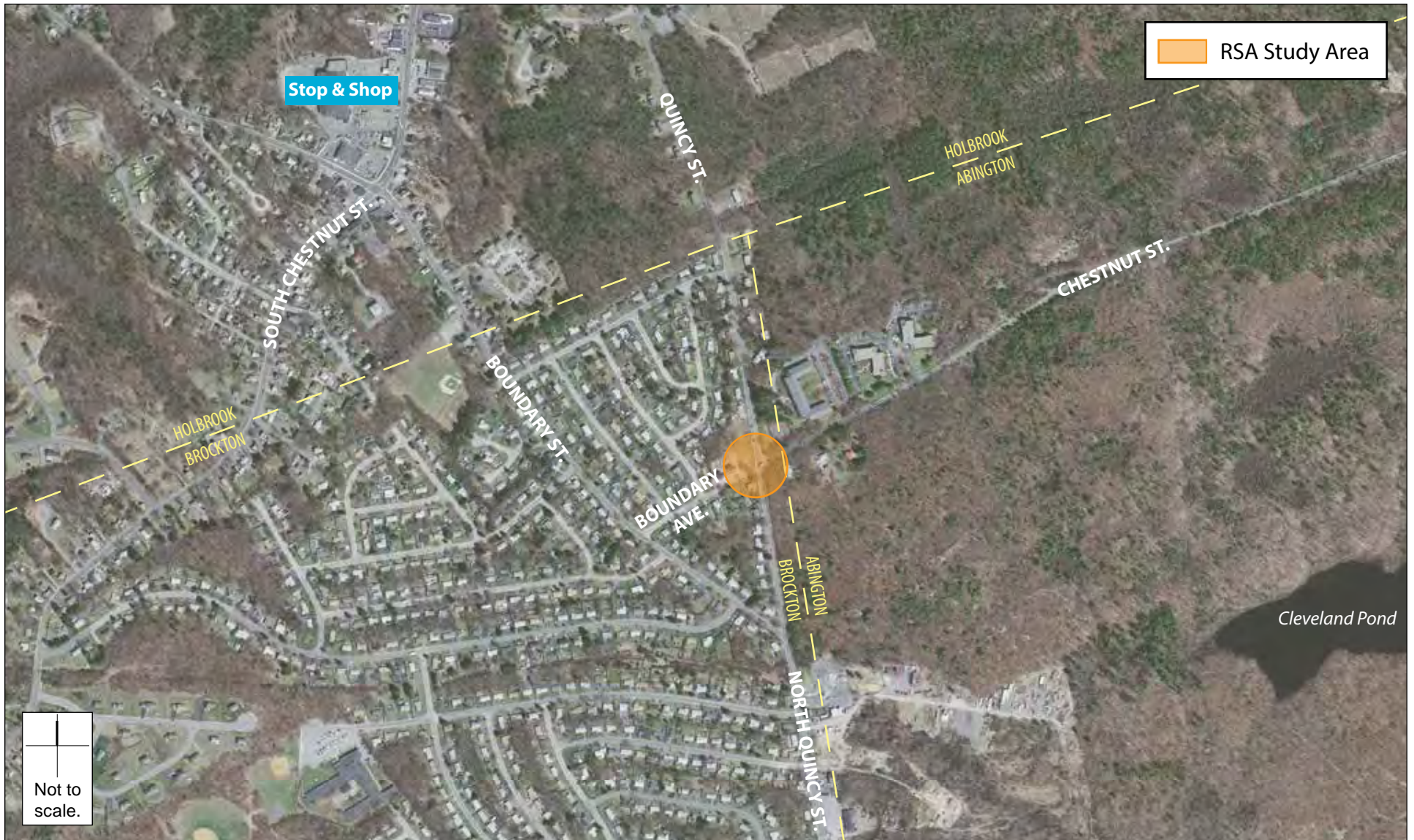
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## Background

The intersection of North Quincy Street at Boundary Avenue/Chestnut Street, on the border of Abington and Brockton, Massachusetts, is listed as a High Crash Location within the Old Colony Planning Council (OCPC) region. The intersection had a crash rate of 1.67 crashes per million entering vehicles from January 1, 2009 to August 14, 2013, nearly triple the MassDOT District 5 average crash rate of 0.58 at unsignalized intersections. MassDOT has determined that Highway Safety Improvement Program (HSIP) funding would be allowed for reconstruction of the intersection if a Road Safety Audit (RSA) were conducted and the proposed design incorporated the safety improvements identified in the RSA.

In general, the RSA is intended to identify potential safety improvements that can be evaluated and included as part of the design process for the future reconstruction of the intersection. The short-term, low-cost potential improvements could be considered by the responsible agency for immediate implementation prior to reconstruction, as appropriate. The RSA study area is illustrated in **Figure 1**.

Figure 1. Locus Map



## Project Data

The audit team conducted an RSA for the intersection of North Quincy Street at Boundary Avenue/Chestnut Street on Thursday, November 7, 2013. The RSA agenda appears in **Appendix A**. **Table 1** lists the audit team members and their affiliations. **Appendix B** provides contact information for all team members.

**Table 1. Participating Audit Team Members**

<b>Audit Team Member</b>	<b>Agency/Affiliation</b>
Rick LaFond	Town of Abington
Dori Jamieson	Town of Abington
David Majenski	Town of Abington
John Nuttall	Town of Abington Fire Chief
Michelle DuBois	Brockton City Council
Jacques A. Borges	Brockton City Engineer
Mike Mullen	Chief of Staff, Brockton Mayor Linda Balzotti
Jana Linhart	Brockton Mayor's Office
Mike Thoreson	City of Brockton DPW
Steven Williamson	Captain, Brockton Police
Chief Richard Francis	Chief, Brockton Fire Department
Kenneth Galligan	Brockton Traffic Commission
Bruce Hughes	OCPC
Jed Cornock	OCPC
Raymond Guarino	OCPC
Bill McNulty	OCPC
Charles Kilmer	OCPC
Pat Ciaramella	OCPC
Promise Otaluka	Federal Highway Administration
Sarah Yunits	Chief of Staff, Senator Tom Kennedy
Geoff Diehl	State Representative – 7 <sup>th</sup> Precinct
James H. Keene	15 Randolph Avenue, Brockton
Jennifer Bray	Enterprise News
Edward C. Feeney	MassDOT District 5 Traffic
Keri Gallagher	MassDOT District 5 Traffic
Corey O'Connor	MassDOT Highway Safety
Lisa Schletzbaum	MassDOT Highway Safety
Joe SanClemente	Howard/Stein-Hudson (HSH)
Mike Tremblay	Howard/Stein-Hudson (HSH)

Prior to the RSA, in order to begin assessing possible safety issues, the audit team reviewed the collision diagram and a crash detail summary for the intersection of North Quincy Street at Boundary Avenue/Chestnut Street based on crash records supplied by the Brockton Police Department. Thirty-five crashes were reported, and documented by the Brockton Police Department, at the intersection from January 1, 2009 to August 14, 2013. Of the 35 crashes reported, 27 (or 77%) were angle crashes, four (11%) were sideswipe crashes, three (9%) were single vehicle crashes, and one (3%) was a rear-end crash. Thirty crashes (86%) occurred in the daylight, and 26 (74%) occurred on dry pavement. Of the 35 crashes, 16 (or 46%) resulted in personal injury. One fatal crash was reported during this period; according to RSA team members, this crash resulted in three fatalities. A second fatal crash occurred in October 2013, after the period in which data is provided.

**Appendix C** provides the detailed crash data for the intersection. **Appendix D** provides additional information provided by OCPC, including turning movement counts, speed data, and signal warrant analysis.

## Project Location Description

The RSA focused on the intersection of North Quincy Street at Boundary Avenue/Chestnut Street located on the border of Abington and Brockton. The Abington Town line runs parallel to, and just east of, North Quincy Street as shown in **Figure 1**. A more detailed view of the intersection is shown in **Figure 2**.

*North Quincy Street/Boundary Avenue/Chestnut Street* is a two-way stop-controlled intersection with four approaches. The Boundary Avenue eastbound approach and Chestnut Street westbound approaches are stop-controlled, while the North Quincy Street northbound and southbound approaches each allow for free movement through the intersection. The Chestnut Street westbound approach intersects North Quincy Street on a decline, and North Quincy Street northbound approach intersects with Boundary Avenue and Chestnut Street on an incline. All approaches to the intersection consist of a single travel lane; however, the Chestnut Street westbound approach sometimes acts as two travel lanes at the intersection.

The radius of northwest corner of the intersection was increased significantly in 2008 as part of the development of the adjacent lots.

**Figure 2. North Quincy Street at Boundary Avenue/Chestnut Street**



This intersection is the junction of the following roadways, which are categorized according to MassDOT Office of Transportation Planning functional classifications:

***North Quincy Street*** is an urban minor arterial and falls under the City of Brockton's jurisdiction. North Quincy Street runs north-south, parallel to and just west of the Abington Town Line, between the Holbrook Town Line to the north, where it becomes Quincy Street, and Court Street in Brockton to the south, where it becomes Quincy Street. North Quincy Street consists of one travel lane in each direction. Sidewalks are provided along the west side of North Quincy Street. Bicycle accommodations on North Quincy Street are limited to a narrow paved shoulder. A vertical curve is located on North Quincy Street, just south of Boundary Avenue and Chestnut Street, creating an incline on the North Quincy Street northbound approach to its intersection with Boundary Avenue and Chestnut Street. The speed limit on North Quincy Street is posted at 30 miles per hour (mph).

***Boundary Avenue*** is an urban collector that falls under the jurisdiction of the City of Brockton. Boundary Avenue runs east-west between North Quincy Street at the study intersection to the east and Boundary Street to the west. Boundary Avenue consists of one travel lane in each direction. Sidewalks and dedicated bicycle accommodations are not provided. There is no posted speed limit on Boundary Avenue.

***Chestnut Street*** is an urban collector that falls under the Town of Abington's jurisdiction. Chestnut Street runs east-west between Route 139 (Richard Fitts Drive) to the east and North Quincy Street at the study intersection to the west. Chestnut Street consists of one travel lane in each direction. Sidewalks and dedicated bicycle accommodations are not provided. In the vicinity of the intersection of North Quincy Street/Boundary Avenue/Chestnut Street, the posted speed limit on Chestnut Street is 30 mph; however, this speed limit may not have been legally established through a speed study. There is a vertical curve on Chestnut Street, creating a downgrade on the Chestnut Street westbound approach to the intersection.



## Road Safety Audit Observations and Potential Enhancements

Based on RSA team discussions on Thursday, November 7, 2013, the RSA team determined that the intersection of North Quincy Street at Boundary Avenue/Chestnut Street has the following issues that affect safety:

1. Sight Distance;
2. Speed;
3. Congestion and Driver Frustration
4. Signage;
5. Pedestrian Accommodations; and
6. Lighting

The following sections describe in more detail the safety issues and potential enhancements identified during the RSA. Several of these issues require further study and engineering judgment to determine the feasibility of implementing enhancements to address them.

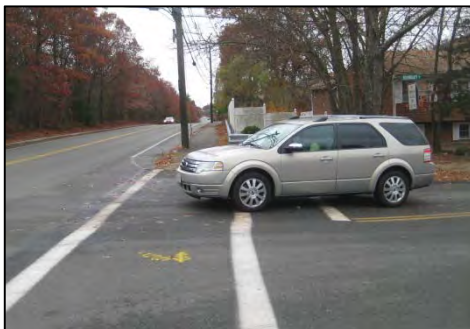
## Safety Issue #1. Sight Distance

### Observations:

Sight distance to the south of the intersection is obscured by the presence of a vertical curve in the North Quincy Street roadway alignment. North Quincy Street northbound vehicles approach the intersection on an upgrade, which obscures these vehicles from the view of Boundary Avenue eastbound and Chestnut Street westbound vehicles until just south of the intersection. As a result, Boundary Avenue eastbound and Chestnut Street westbound vehicles often cannot determine an adequate gap in northbound and southbound traffic, likely contributing to the occurrence of angle crashes at this location. Of the 27 angle crashes reported at the intersection, 15 (or 56%) involved North Quincy Street northbound vehicles and either Boundary Avenue eastbound or Chestnut Street westbound vehicles.



***Sight distance to the south of Chestnut Street is obscured by a vertical curve on North Quincy Street.***



***Vehicles on the stop-controlled Boundary Avenue eastbound and Chestnut Street westbound approaches stop ahead of the stop line to see around obstructions near the intersection.***

Sight lines to the south of the intersection are further obscured by the presence of vegetation on the southeast corner of the intersection and a utility pole, guardrail, and fence located on the southwest corner of the intersection. During the field visit, team members observed vehicles on both Boundary Avenue eastbound and Chestnut Street westbound repeatedly stopped ahead of the stop line, or rolling towards the intersection, in an effort to see around the sight line obstructions while waiting for a gap in North Quincy Street traffic.

Team members noted the vegetation at the southeast corner of the intersection was cut back as recently as August 2013 to improve sight lines; however, the vegetation is still too close to the intersection.

Chestnut Street westbound sometimes acts as two travel lanes when a vehicle pulls up to the stop line to the right of a queued vehicle. Team members observed tire tracks in the shoulder, indicating that vehicles pull to the right of queued vehicles even when there is insufficient space to do so. When vehicles form two lanes, sight distances to the north can be blocked by the right-turning vehicle, and sight lines to the south can be blocked by the left-turning vehicle.

RSA team members noted that Boundary Avenue eastbound and Chestnut Street westbound vehicles may focus their attention on finding a gap in North Quincy Street northbound traffic, due to the limited sight distance to the south. Boundary Avenue eastbound and Chestnut Street westbound vehicles must also avoid opposing vehicles entering the intersection. As a result, vehicles on the stop-controlled approaches may neglect to look for North Quincy Street southbound vehicles approaching the intersection. Twelve of the 35 crashes that occurred at the intersection involved North Quincy Street southbound vehicles, including five that resulted in personal injury.

### Enhancements:

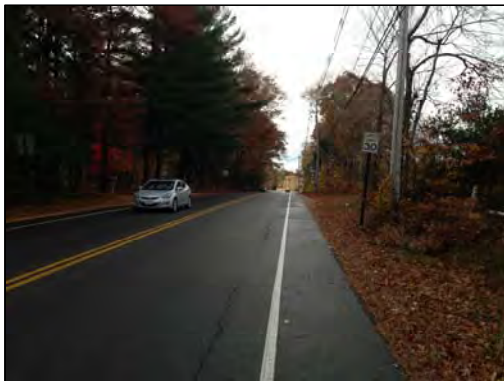
1. Consider the appropriateness of moving the location of the stop line and stop sign at the Chestnut Street westbound approach closer to North Quincy Street to better inform motorists where they need to stop to improve their sightlines to the south of the intersection. Consider heavy vehicle turning radius requirements.
2. Work with the owner of the property on the southwest corner of the intersection to relocate the white fence along North Quincy Street to improve sight lines to the south of the intersection.
3. Evaluate the feasibility and appropriateness of relocating the guardrail and utility pole located at the southwest corner of the intersection to improve sight lines to the south of the intersection.
4. Work with the owner of the property on the southeast corner of to further cut back the tree line to improve sight lines south of the intersection. Continue to maintain cut back line.
5. Reduce the radius at the northeastern corner of the intersection so that motorists can only form one lane at the Chestnut Street westbound approach, eliminating sight distance limitations between left/through and right-turning vehicles. Consider heavy vehicle turning radius requirements.
6. As part of long-term reconstruction efforts, consider installing a modern roundabout or full signal at the intersection to provide a safe, controlled movement through the intersection and to reduce the occurrence of angle crashes. Evaluate the potential safety benefits of a roundabout versus a signal given the current travel speeds and sight distance limitations. Consider placement of advance warning signage and/or signal indications as appropriate.
7. As part of long-term reconstruction efforts, evaluate the feasibility of flattening the profile along North Quincy Street and Chestnut Street to reduce sight distance limitations caused by the vertical curve. Consider impacts to adjacent property owners.

## Safety Issue #2. Speed

### Observations:

According to speed data provided by OCPC, the 85<sup>th</sup> percentile speed on North Quincy Street is 43 mph, 13 mph higher than the posted fundamental speed limit of 30 mph. The speed data also showed some vehicles traveling in excess of 60 to 70 mph.

When combined with the sight distance limitations south of the intersection, these high travel speeds make it more difficult for vehicles on the stop-controlled Boundary Avenue eastbound and



***A vertical curve on Chestnut Street westbound causes vehicles to approach the intersection at excessive speeds.***

Chestnut Street westbound to determine an adequate gap in North Quincy Street traffic. Similarly, motorists traveling at the prevailing speed on North Quincy Street northbound have difficulty perceiving and reacting to motorists entering the intersection from Chestnut Street or Boundary Street. Team members commented that speed has contributed to the severity of crashes at this location, with 14 (or 54%) resulting in personal injury, and one fatal crash, which resulted in three fatalities, during the time period analyzed.

may not provide motorists with adequate warning that they need to reduce speed before approaching the intersection. Two of the 35 crashes that occurred at the intersection were single vehicle, out-of-control crashes involving vehicles traveling on Chestnut Street westbound. A third crash, which occurred in October 2013, after the period in which data is provided, reportedly involved a motorist traveling at excessive speeds before losing control, and resulted in one fatality.

The posted speed limit on Chestnut Street westbound decreases from 45 mph to 30 mph within a relatively short distance before the intersection and

### Enhancements:

1. Increase enforcement, where possible, on North Quincy Street and Chestnut Street to discourage speeding.
2. Consider using either a temporary speed trailer, or installing a permanent speed signs with the posted speed limit and electronic text signage showing “SLOW DOWN” to speeding vehicles along North Quincy Street northbound and southbound and along Chestnut Street westbound to alert motorists of their travel speed, discourage speeding, and increase awareness of the appropriate speed.
3. Consider installing a modern roundabout at the intersection as part of long-term reconstruction efforts, as previously mentioned, to calm traffic and eliminate the occurrence of angle crashes.

## Safety Issue #3. Congestion and Driver Frustration

### Observations:

Team members indicated that Boundary Avenue and Chestnut Street are frequently used as a cut-through by motorists, destined for Route 37 and Route 18, while avoiding congestion in other areas of the Brockton and Abington. RSA team members reported that Chestnut Street westbound vehicles can become frustrated while queued at the intersection, which can result in aggressive driver behavior at the intersection.



***The stop-controlled Chestnut Street westbound approach has more entering volume than any other approach at the intersection in the p.m. peak hour.***

An RSA team member noted that Boundary Avenue eastbound and Chestnut Street westbound vehicles may hesitate once there is a gap in traffic, squandering some of the small amount of time they have to enter the intersection. This hesitation occurs because motorists are unsure who should proceed first once there is a gap in northbound and southbound traffic.

Team members expressed concern that traffic volumes on Boundary Avenue, a residential street, are too high, and that traffic moves too fast.

### Enhancements:

1. Evaluate the appropriateness of temporarily making Boundary Avenue one-way westbound, to reduce the amount of vehicles entering the intersection and help reduce driver confusion, before long-term improvements, such as introduction of a roundabout or traffic signal could be implemented. Consider the safety and operational trade-offs between making Boundary Avenue one-way westbound and the potential shift of traffic volume and safety implications at other adjacent intersections as a result of this change.
2. As part of long-term planning efforts, consider potential traffic improvements that could be made on a network wide basis to reduce cut-through traffic at this intersection.

## Safety Issue #4. Signage

### Observations:

The RSA team identified the following issues with regards to signage:

- A square sign restricting commercial vehicles over 15,000 pounds from Boundary Avenue is posted on the same post as the Boundary Avenue eastbound stop sign. The octagonal shape of the stop sign is obscured by the square sign behind it.
- The Boundary Avenue eastbound stop-controlled approach has intersection warning signage (W2-1), not the appropriate “Stop Ahead” signage (W3-1).
- It is sometimes difficult to see the Chestnut Street westbound stop sign due to the downgrade along the Chestnut Street westbound approach and overgrown vegetation.
- The Chestnut Street westbound stop-controlled approach has both intersection warning signage (W2-1) and “Stop Ahead” signage (W3-1). Both signs are faded and are not retroreflective; intersection warning signage is inappropriate.
- The “Dangerous Intersection” warning signage along the North Quincy Street northbound and southbound approaches are outdated per current Manual on Uniform Traffic Control Devices (MUTCD) standards.
- Street name signage for North Quincy Street is not provided at the intersection. Street name signage for Boundary Avenue and Chestnut Street is small and set back from the intersection, making it difficult to see.



***A square sign on the back of one of the two Boundary Avenue eastbound stop signs obscures the stop sign's octagonal shape.***



***“Stop Ahead” signage on Chestnut Street westbound is faded, and intersection warning signage is inappropriate.***

## Enhancements:

1. Relocate the square sign restricting trucks on Boundary Avenue to a separate post, or use an oversized stop sign on Boundary Avenue eastbound so that its octagonal shape can be recognized from a distance.
2. Replace existing stop sign on the Chestnut Street westbound approach with new, oversized retroreflective stop signs with red reflective tape for added visibility.
3. Provide a left-side stop sign at the Chestnut Street westbound approach with retroreflective tape to improve visibility and to emphasize the need to stop. If a left-side stop sign is installed, a double yellow centerline should be clearly marked to prevent motorists from mistakenly treating the roadway as a one-way roadway.
4. Replace intersection warning signage on Boundary Avenue eastbound with “Stop Ahead” (W3-1) signage.
5. Remove the intersection warning signage on Chestnut Street westbound, and replace the existing “Stop Ahead” sign for added visibility and consider supplementing with “Stop Ahead” pavement markings.
6. Remove nonstandard “Dangerous Intersection” signage on North Quincy Street, and replace with Manual on Uniform Traffic Control Devices (MUTCD)-standard intersection warning (W2-1) signage.
7. Place street name placards (W16-8P) below the intersection warning signs on North Quincy Street to increase clarity and awareness of the intersection.
8. Provide street name signage for North Quincy Street at the intersection.
9. Evaluate the placement and size of the existing street name signage to improve visibility.

## Safety Issue #5. Pedestrian Accommodations

### Observations:

Sidewalks are provided only along the west side of North Quincy Street, and are not provided along Boundary Avenue or Chestnut Street. One of the 35 crashes that occurred at the intersection involved a pedestrian crossing the south leg of North Quincy Street from the west side of the street to the east side, where a sidewalk is provided.

An RSA team member indicated that there may be a school bus stop located at the intersection on the east side of North Quincy Street, forcing passengers to cross North Quincy Street without a safe pedestrian accommodation to assist them.



***Sidewalks are provided only along the west side of North Quincy Street.***

### Enhancements:

1. As part of long-term planning and reconstruction efforts, consider providing sidewalks on both sides of North Quincy Street and along Boundary Avenue and Chestnut Street for added pedestrian comfort and safety. Consider the need for additional right-of-way and impacts on adjacent property owners.
2. In the short-term, consider moving the school bus stop to a location where a sidewalk is provided so that students do not need to cross North Quincy Street.

## Safety Issue #6. Lighting

### Observations:

While lighting is provided at the intersection, RSA team members stated that additional lighting may make motorists more aware of the intersection at night. Four of the 35 crashes at the intersection occurred at or after dusk.

### Enhancements:

1. Consider the feasibility and potential safety benefits of providing additional lighting to improve visibility and awareness of the intersection.



## Recommendations

Based on its review of data, on-site field observations and group discussion, the RSA team identified the following possible enhancements that could improve safety at the intersection of North Quincy Street at Boundary Avenue/Chestnut Street. Further study and design work will need to be conducted to determine the feasibility of making some of the improvements.

**Table 2** summarizes the safety issues, possible enhancements, estimated safety payoff, time frame, cost, and responsibility. Safety payoff estimates are based on engineering judgment and are categorized as low, medium, and high. The time frame is categorized as short-term (<1 year), mid-term (1 to 3 years), or long-term (typically >3 years). Long-term improvements are typically considered to be substantial improvements with an expected time frame for implementation greater than 3 years. The costs are categorized as low (<\$10,000), medium (\$10,001 to \$50,000), or high (>\$50,000).

*Short-term enhancements* include, but are not limited to:

- Remove obstructions to sight lines;
- Increase enforcement and install speed trailers;
- Convert Boundary Avenue to one-way westbound;
- Improve signage; and
- Relocate bus stops.

To enhance the safety of the corridor, the *long-term enhancements* are to:

- Change the control of the intersection to a roundabout or signalized intersection;
- Lower the profile of the intersection;
- Provide additional pedestrian sidewalks; and
- Improve lighting.

The RSA is intended to identify potential safety improvements that can be evaluated and included as part of reconstruction future design process. The short-term, low-cost potential improvements could be considered by the responsible agency for immediate implementation, as appropriate.

Table 2. Summary of Potential Safety Enhancements

Safety Issue	Safety Enhancement	Safety Payoff	Time Frame	Cost	Responsible Party
Sight Distance	Consider the appropriateness of moving the location of the stop line and stop sign at the Chestnut Street westbound approach closer to North Quincy Street to better inform motorists where they need to stop to improve their sightlines to the south of the intersection. Consider heavy vehicle turning radius requirements.	Low	Short-term	Low	Town of Abington/City of Brockton
	Work with the owner of the property on the southwest corner of the intersection to relocate the white fence along North Quincy Street to improve sight lines to the south of the intersection.	Low	Short-term	Low	City of Brockton/Adjacent property owners
	Evaluate the feasibility and appropriateness of relocating the guardrail and utility pole located at the southwest corner of the intersection to improve sight lines to the south of the intersection.	Low	Short-term	Low	City of Brockton/Utility owners
	Work with the owner of the property on the southeast corner of to further cut back the tree line to improve sight lines south of the intersection. Continue to maintain cut back line.	Low	Short-term	Low	Town of Abington /Adjacent property owners
	Reduce the radius at the northeastern corner of the intersection so that motorists can only form one lane at the Chestnut Street westbound approach, eliminating sight distance limitations between left/through and right-turning vehicles. Consider heavy vehicle turning radius requirements.	Medium	Short-term	Low	Town of Abington/City of Brockton
	As part of long-term reconstruction efforts, consider installing a modern roundabout or full signal at the intersection to provide a safe, controlled movement through the intersection and to reduce the occurrence of angle crashes. Evaluate the potential safety benefits of a roundabout versus a signal given the current travel speeds and sight distance limitations. Consider placement of advance warning signage and/or signal indications as appropriate.	High	Long-term	High	Town of Abington/City of Brockton/Adjacent property owners

**Table 2. Summary of Potential Safety Enhancements (continued)**

<b>Safety Issue</b>	<b>Safety Enhancement</b>	<b>Safety Payoff</b>	<b>Time Frame</b>	<b>Cost</b>	<b>Responsible Party</b>
Sight Distance	As part of long-term reconstruction efforts, evaluate the feasibility of flattening the profile along North Quincy Street and Chestnut Street to reduce sight distance limitations caused by the vertical curve. Consider impacts to adjacent property owners.	Medium	Long-term	High	Town of Abington/City of Brockton
Speed	Increase enforcement, where possible, on North Quincy Street and Chestnut Street to discourage speeding.	Medium	Short-term	Low	Town of Abington Police/City of Brockton Police
	Consider using either a temporary speed trailer, or installing a permanent speed signs, with electronic speed display and the posted speed limit and electronic text signage showing "SLOW DOWN" to speeding vehicles along North Quincy Street northbound and southbound and along Chestnut Street westbound to alert motorists of their travel speed, discourage speeding, and increase awareness of the appropriate speed.	Low	Short-term	Low	Town of Abington Police/City of Brockton Police
	Consider installing a modern roundabout at the intersection as part of long-term reconstruction efforts, as previously mentioned, to calm traffic and eliminate the occurrence of angle crashes.	High	Long-term	High	Town of Abington/City of Brockton
Congestion and Driver Frustration	Evaluate the appropriateness of temporarily making Boundary Avenue one-way westbound, to reduce the amount of vehicles entering the intersection and help reduce driver confusion, before long-term improvements, such as introduction of a roundabout or traffic signal could be implemented. Consider the safety and operational trade-offs between making Boundary Avenue one-way westbound and the potential shift of traffic volume and safety implications at other adjacent intersections as a result of this change.	Medium	Short-term	Low	City of Brockton/Adjacent property owners
	As part of long-term planning efforts, consider potential traffic improvements that could be made on a network wide basis to reduce cut-through traffic at this intersection.	High	Long-term	High	Town of Abington/City of Brockton

Table 2. Summary of Potential Safety Enhancements (continued)

Safety Issue	Safety Enhancement	Safety Payoff	Time Frame	Cost	Responsible Party
Signage	Relocate the square sign restricting trucks on Boundary Avenue to a separate post, or use an oversized stop sign on Boundary Avenue eastbound so that its octagonal shape can be recognized from a distance.	Low	Short-term	Low	Town of Abington/City of Brockton
	Replace existing stop sign on the Chestnut Street westbound approach with new, oversized retroreflective stop signs with red reflective tape to the intersection for added visibility	Low	Short-term	Low	Town of Abington/City of Brockton
	Replace intersection warning signage on Boundary Avenue eastbound with "Stop Ahead" (W3-1) signage.	Low	Short-term	Low	Town of Abington/City of Brockton
	Remove the intersection warning signage on Chestnut Street westbound, and replace the existing "Stop Ahead" sign for added visibility and consider supplementing with "Stop Ahead" pavement markings.	Medium	Short-term	Low	Town of Abington/City of Brockton
	Provide a left-side stop sign at the Chestnut Street westbound approach with red retroreflective tape to improve visibility and to emphasize the need to stop. If a left-side stop sign is installed, a double yellow centerline should be clearly marked to prevent motorists from mistakenly treating the roadway as a one-way roadway.	Medium	Short-term	Low	Town of Abington/City of Brockton
	Remove nonstandard "Dangerous Intersection" signage on North Quincy Street, and replace with Manual on Uniform Traffic Control Devices (MUTCD)-standard intersection warning (W2-1) signage.	Low	Short-term	Low	Town of Abington/City of Brockton
	Place street name placards (W16-8P) below the intersection warning signs on North Quincy Street to increase clarity and awareness of the intersection.	Low	Short-term	Low	Town of Abington/City of Brockton
	Provide street name signage for North Quincy Street at the intersection.	Low	Short-term	Low	Town of Abington/City of Brockton
Evaluate the placement and size of the existing street name signage to improve visibility.	Low	Short-term	Low	Town of Abington/City of Brockton	

Table 2. Summary of Potential Safety Enhancements (continued)

Safety Issue	Safety Enhancement	Safety Payoff	Time Frame	Cost	Responsible Party
Pedestrian Accommodations	As part of long-term planning and reconstruction efforts, consider providing sidewalks on both sides of North Quincy Street and along Boundary Avenue and Chestnut Street for added pedestrian comfort and safety. Consider the need for additional right-of-way and impacts on adjacent property owners.	High	Long-term	High	Town of Abington/City of Brockton
	In the short-term, consider moving the school bus stop to a location where a sidewalk is provided so that students do not need to cross North Quincy Street.	Medium	Short-term	Low	Town of Abington/City of Brockton
Lighting	Consider the feasibility and potential safety benefits of providing additional lighting to improve visibility and awareness of the intersection.	Low	Short-term	Low	Town of Abington/City of Brockton

## Appendix A. RSA Meeting Agenda

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<b>Agenda</b>	<b>Road Safety Audit for North Quincy Street at Boundary Avenue and Chestnut Street. Brockton and Abington Thursday, November 7<sup>th</sup>, 2013 10:00 AM – 12:00 PM</b>
<b>Contact</b>	Bill McNulty, Old Colony Planning Council (508) 583-1833 ext. 207 wmcnulty@ocpcrpa.org
<b>Attendees</b>	Invited Participants Include a Multidisciplinary Team from Brockton and Abington (DPW and Highway, Police, Fire, Administration), MassDOT, Local and State Legislators, Residents, Consultant, and OCPC
<b>Please Bring</b>	Thoughts and Suggestions
<b>Meeting Location:</b>	<p><b>Old Colony Planning Council</b>  <b>70 School Street</b>  <b>Brockton, MA. 02301</b></p> <p><i>Parking available at metered lot on corner of Montello Street (Route 28) and Lincoln Street, or at Adams Garage located on Crescent Street, near corner of Main Street. Limited street parking available. OCPC is accessible by Brockton Area Transit (Routes 1 and 2), and a ¼ mile walk from the Brockton MBTA Commuter Rail Station and the BAT Centre</i></p>
<b>10:00 AM</b>	Welcome and Introductions at Old Colony Planning Council
<b>10:10 AM</b>	Review and Discussion of Project and Site Specific Material <ul style="list-style-type: none"> <li>• Review of Existing Traffic Conditions and Crash History</li> <li>• Existing Conditions and Known Challenges</li> </ul>
<b>10:40 AM</b>	Adjourn from Opening Session and Head To Site Visit <ul style="list-style-type: none"> <li>• Identify any deficiencies and/or potential improvements at the intersection or on its approaches</li> <li>• Consultant will document all observations and comments</li> </ul>
<b>11:40 AM</b>	Wrap-Up Site Visit / Conclude Audit Back at Old Colony Planning Council
<b>12:00 PM</b>	Adjourn For The Day
<b>Instructions For Participants:</b>	<ul style="list-style-type: none"> <li>• Before attending the Walkability and Bikeability Audit, participants are encouraged to familiarize themselves with the study area, and make note of existing conditions and any deficiencies they observe</li> <li>• All participants will be actively involved in the process throughout. Participants are encouraged to come with thoughts and ideas, but are reminded that the synergy that develops and respect for others' opinions are key elements to the success of the Road Safety Audit process</li> <li>• After the meeting, participants will be asked to comment and respond to the document materials to ensure it is reflective of the Road Safety Audit completed by the multidisciplinary team</li> <li>• Please wear comfortable footwear, and bring safety vest if possible. A limited number of safety vests will be available at the audit.</li> </ul>

## Appendix B. RSA Audit Team Contact List

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## Participating Audit Team Members

Date: Thursday, November 07, 2013      Location: Old Colony Planning Council, 70 School Street, Brockton

<b>Audit Team Members</b>	<b>Agency/Affiliation</b>	<b>E-mail Address</b>	<b>Phone</b>
Rick LaFond	Town of Abington	rlafond@abingtonma.gov	781-982-2100
Dori Jamieson	Town of Abington	djamieson@abingtonma.gov	781-982-2100
David Majenski	Town of Abington	majic@abingtonpolice.org	781-982-2100
John Nuttall	Town of Abington Fire Chief	jnutall@abingtonma.gov	781-982-2117
Michelle DuBois	Brockton City Council	mdubois@cobma.us	774-274-1344
Jacques A. Borges	Brockton City Engineer	jborges@cobma.us	508-580-7139
Mike Mullen	Chief of Staff, Brockton Mayor Linda Balzotti	mmullen@cobma.us	
Jana Linhart	Brockton Mayor's Office	jlinhart@cobma.us	508-345-9496
Mike Thoreson	City of Brockton DPW	mthoreson@cobma.us	508-580-7135
Steven Williamson	Captain, Brockton Police	swilliamson@brocktonpolice.com	508-944-8628
Chief Richard Francis	Chief, Brockton Fire Department	rfrancis@cobma.com	508-588-0585
Kenneth Galligan	Brockton Traffic Commission	kfgbfd@yahoo.com	508-922-3133
Bruce Hughes	OCPC	bhughes@ocpcrpa.org	508-583-1833
Jed Cornock	OCPC	jcornock@ocpcrpa.org	508-583-1833
Raymond Guarino	OCPC	rguarino@ocpcrpa.org	508-583-1833
Bill McNulty	OCPC	wmcnulty@ocpcrpa.org	508-583-1833
Charles Kilmer	OCPC	CKilmer@ocpcrpa.org	508-583-1833
Pat Ciaramella	OCPC	pciaramellae@ocpcrpa.org	508-583-1833
Promise Otaluka	Federal Highway Administration	promise.otaluka@dot.gov	617-494-2528
Sarah Yunits	Chief of Staff, Senator Tom Kennedy	sarah.yunits@masenate.gov	617-722-1200
Geoff Diehl	State Representative – 7 <sup>th</sup> Precinct	Geoff.diehl@mahouse.gov	617-722-2810
James H. Keene	15 Randolph Avenue, Brockton	jamesh.keene@comcast.net	
Jennifer Bray	Enterprise News	jbray@enterprisenews.com	508-427-4011
Edward C. Feeney	MassDOT District 5 Traffic	Edward.feeney@state.ma.us	508-884-4248
Keri Gallagher	MassDOT District 5 Traffic	keri.gallagher@state.ma.us	508-884-4330
Corey O'Connor	MassDOT Highway Safety	corey.oconnor@state.ma.us	857-368-9638
Lisa Schletzbaum	MassDOT Highway Safety	lisa.schletzbaum@state.ma.us	857-368-9634
Joe SanClemente	Howard/Stein-Hudson (HSH)	jsanclemente@hshassoc.com	617-348-3334
Mike Tremblay	Howard/Stein-Hudson (HSH)	mtremblay@hshassociates.com	617-348-3347

## Appendix C. Detailed Crash Data

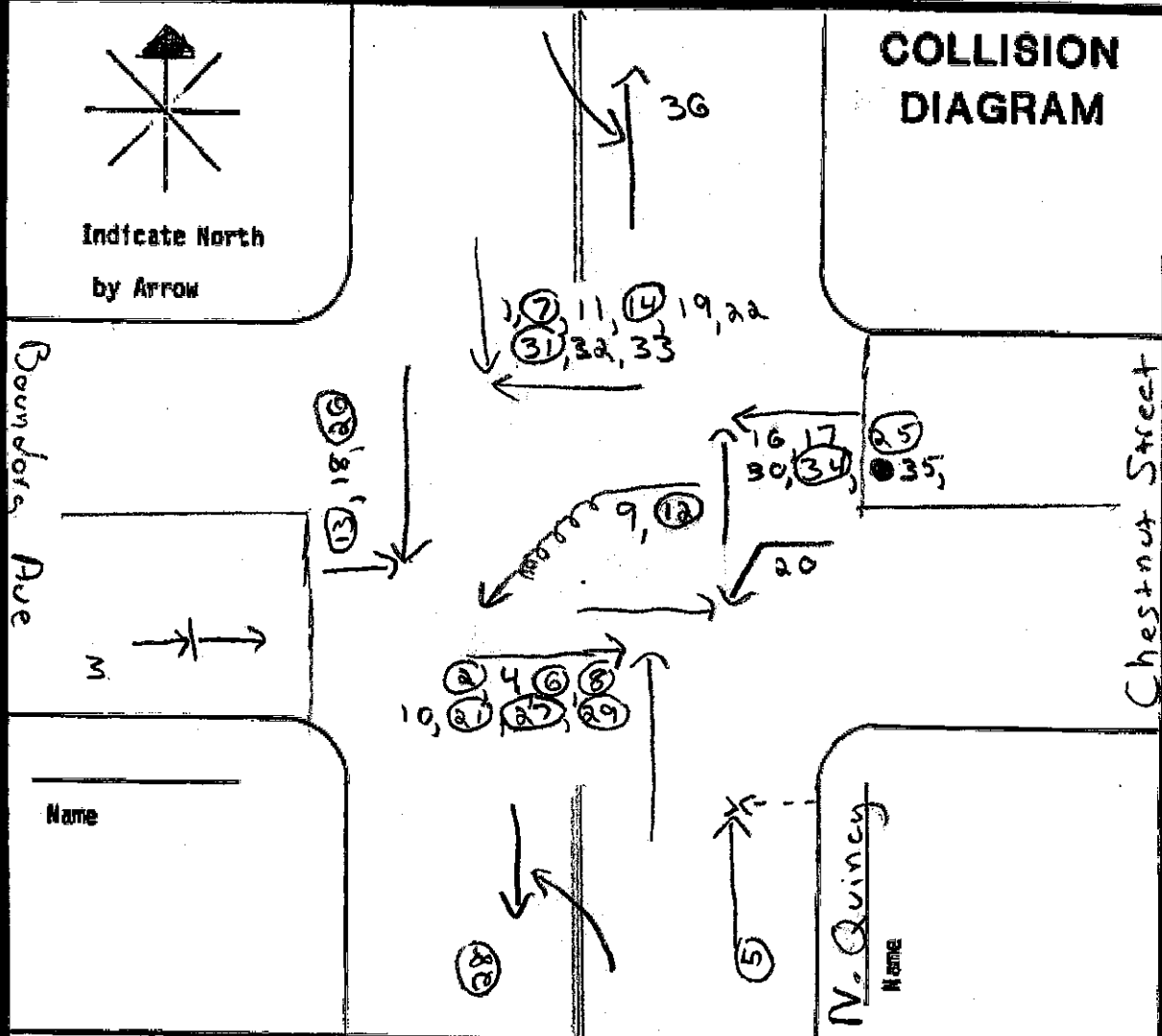
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Indicate North  
by Arrow

## COLLISION DIAGRAM

Boundary Ave



Chestnut Street

Name \_\_\_\_\_

N. Quincy

Name

SYMBOLS	TYPES OF COLLISIONS	SHOW FOR EACH ACCIDENT
<ul style="list-style-type: none"> <li> Moving Vehicle</li> <li> Backing Vehicle</li> <li> Non-Involved Vehicle</li> <li> Pedestrian</li> <li> Parked Vehicle</li> <li> Fixed Object</li> <li> Fatal Accident</li> <li> Injury Accident</li> </ul>	<ul style="list-style-type: none"> <li> Rear-End</li> <li> Head On</li> <li> Side Swipe</li> <li> Out of Control</li> <li> Left Turn</li> <li> Right Angle</li> </ul>	<ol style="list-style-type: none"> <li>1. Approximate location of accident</li> <li>2. Type of collision and vehicles involved.</li> <li>3. Time, Day, Date</li> <li>4. Any other pertinent factors mentioned on the report (i.e. presence of oil on road, ruts, etc.)</li> </ol>

INTERSECTION N. Quincy Street and Boundary / Chestnut

PERIOD FROM: 1/1/2009 to 8/14/2013

26-5

## INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Brockton COUNT DAT 8/20/13

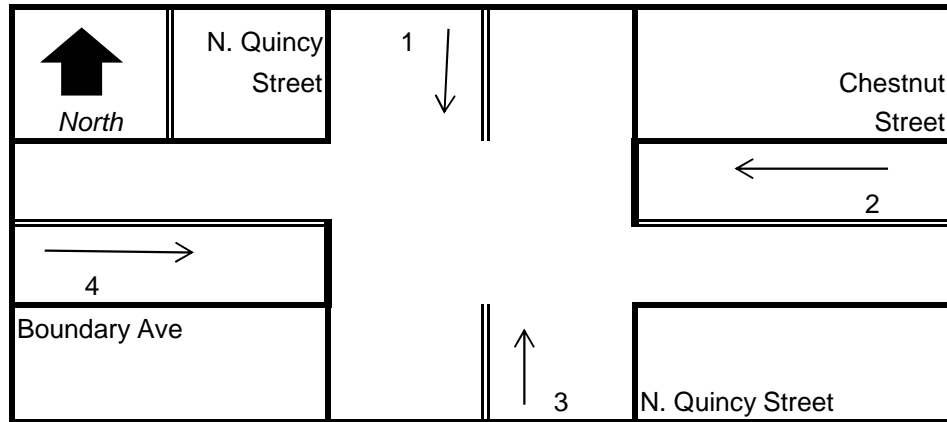
DISTRICT : 5 UNSIGNALIZED :  X SIGNALIZED :

~ INTERSECTION DATA ~

MAJOR STREET : North Quincy Street

MINOR STREET(S) : Boundary Avenue, Chestnut Street

**INTERSECTION  
 DIAGRAM  
 (Label Approaches)**



**PEAK HOUR VOLUMES**

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	SB	WB	NB	EB		
PEAK HOURLY VOLUMES (AM/PM) :	327	342	291	194		1,154

" K " FACTOR :  INTERSECTION ADT ( V ) = TOTAL DAILY APPROACH VOLUME :

TOTAL # OF CRASHES :  # OF YEARS :  AVERAGE # OF CRASHES PER YEAR ( A ) :

**CRASH RATE CALCULATION :**

**1.67**

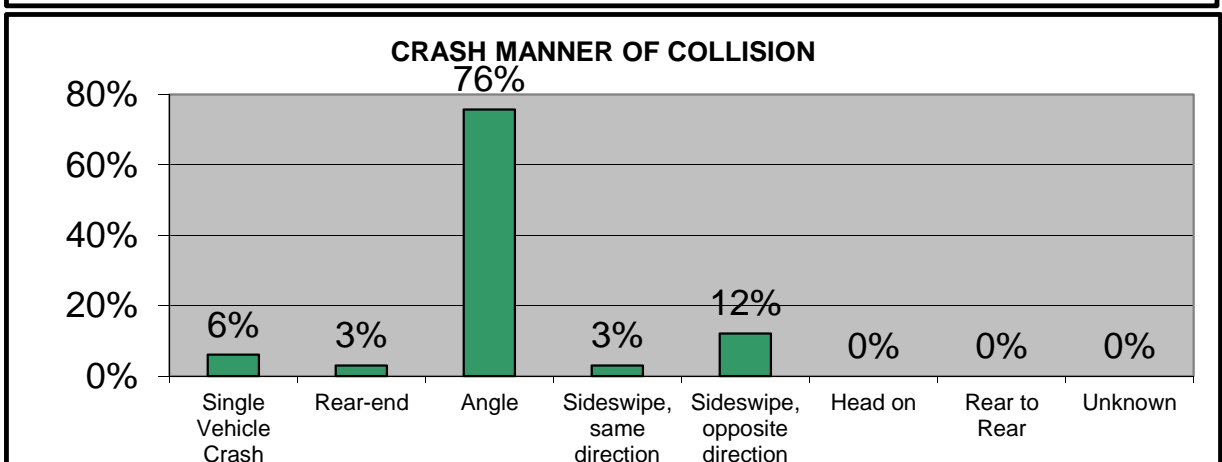
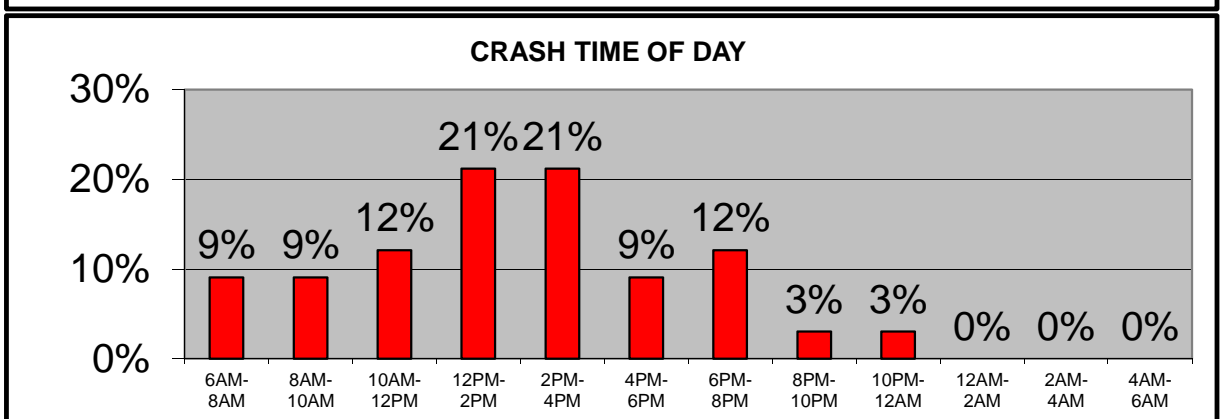
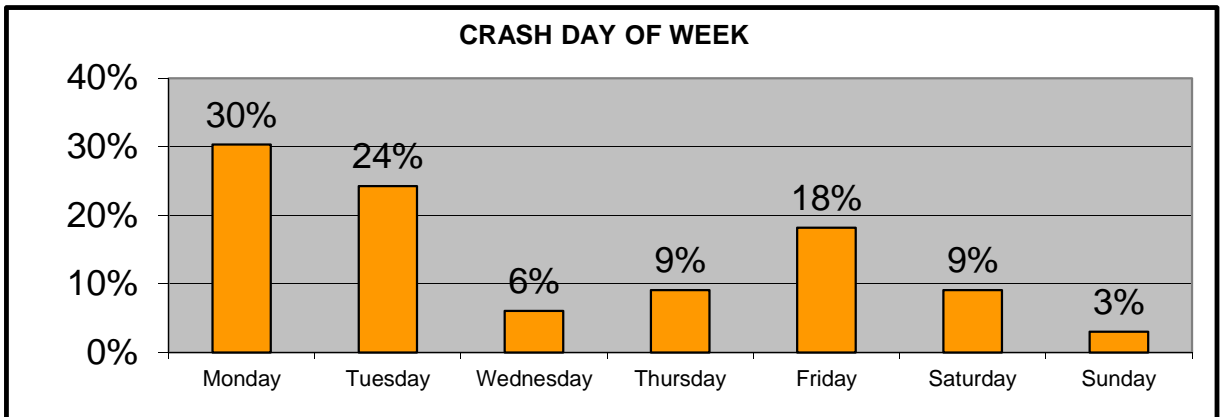
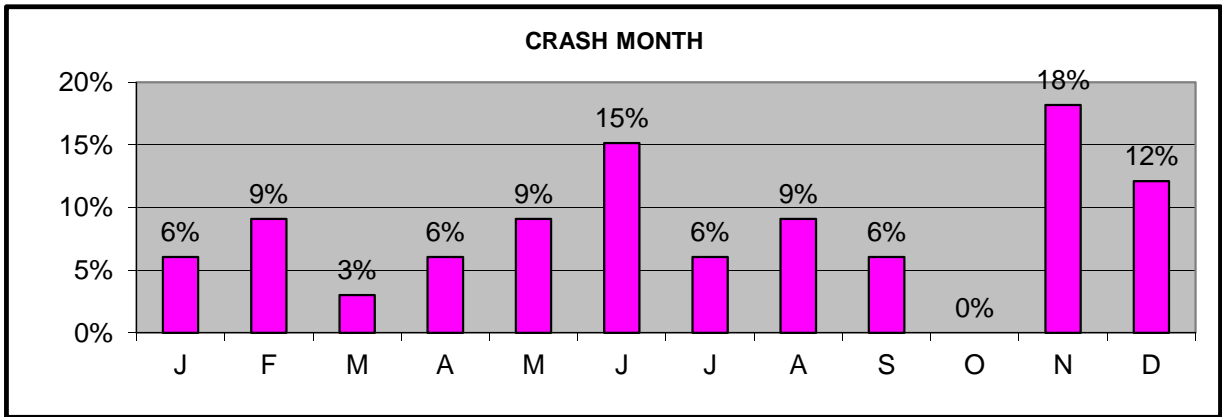
$$\text{RATE} = \frac{(A * 1,000,000)}{(V * 365)}$$

Comments : Brockton Police Department Data, supplemented with MassDOT data: 1/1/2009-8/14/13

Project Title & Date: \_\_\_\_\_

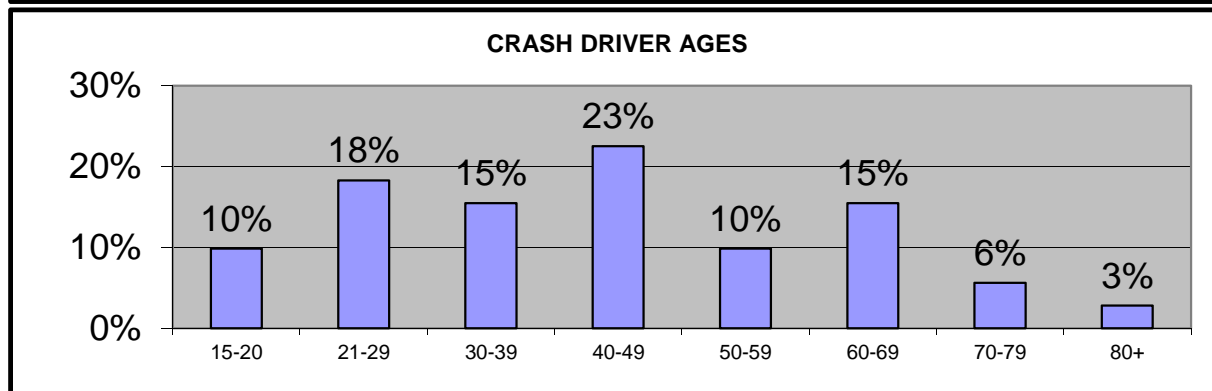
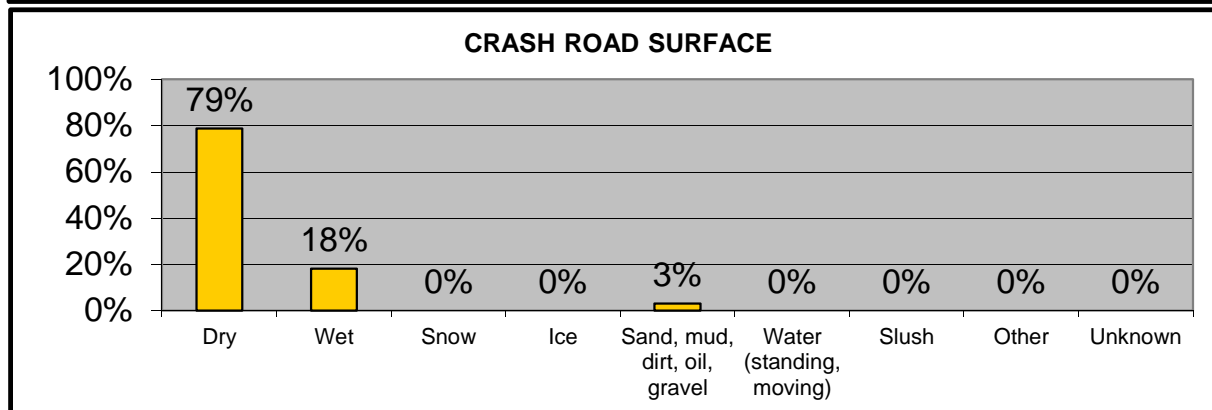
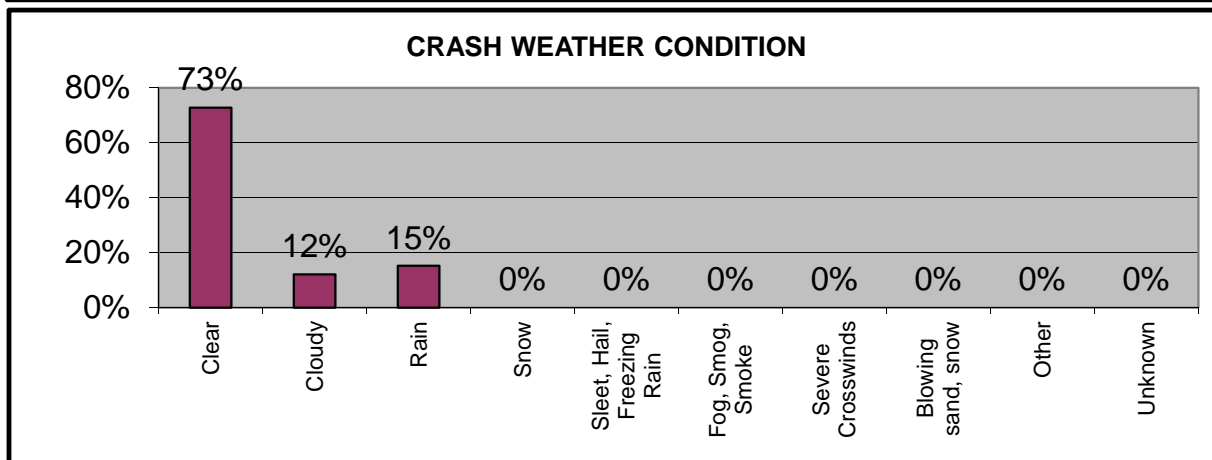
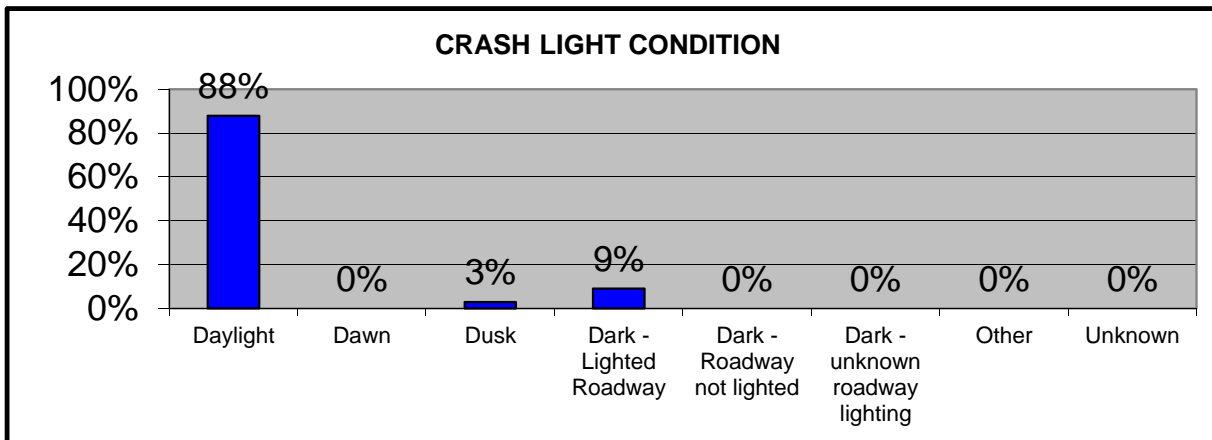
### Crash Data Summary Tables and Charts

North Quincy Street at Boundary Avenue and Chestnut Street, Brockton/Abington



### Crash Data Summary Tables and Charts

North Quincy Street at Boundary Avenue and Chestnut Street, Brockton/Abington



## Appendix D. Additional Information

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**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

Start Time	19-Aug-13		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	*	*	*	*	13	5	10	6	*	*	*	*	*	*	12	6
01:00	*	*	*	*	12	2	12	3	*	*	*	*	*	*	12	2
02:00	*	*	*	*	5	4	1	4	*	*	*	*	*	*	3	4
03:00	*	*	*	*	5	3	0	4	*	*	*	*	*	*	2	4
04:00	*	*	*	*	13	26	9	30	*	*	*	*	*	*	11	28
05:00	*	*	*	*	28	75	25	60	*	*	*	*	*	*	26	68
06:00	*	*	*	*	48	186	51	176	*	*	*	*	*	*	50	181
07:00	*	*	*	*	81	227	78	239	*	*	*	*	*	*	80	233
08:00	*	*	*	*	98	160	86	185	*	*	*	*	*	*	92	172
09:00	*	*	*	*	71	96	57	98	*	*	*	*	*	*	64	97
10:00	*	*	*	*	63	81	73	99	*	*	*	*	*	*	68	90
11:00	*	*	*	*	81	77	74	68	*	*	*	*	*	*	78	72
12:00 PM	*	*	*	*	92	74	97	78	*	*	*	*	*	*	94	76
01:00	*	*	*	*	98	86	92	74	*	*	*	*	*	*	95	80
02:00	*	*	*	*	119	95	102	86	*	*	*	*	*	*	110	90
03:00	*	*	*	*	152	94	154	106	*	*	*	*	*	*	153	100
04:00	*	*	*	*	228	139	212	148	*	*	*	*	*	*	220	144
05:00	*	*	*	*	229	147	218	152	*	*	*	*	*	*	224	150
06:00	*	*	*	*	155	109	164	93	*	*	*	*	*	*	160	101
07:00	*	*	*	*	82	79	113	57	*	*	*	*	*	*	98	68
08:00	*	*	*	*	80	74	84	58	*	*	*	*	*	*	82	66
09:00	*	*	*	*	50	52	53	37	*	*	*	*	*	*	52	44
10:00	*	*	*	*	34	33	50	41	*	*	*	*	*	*	42	37
11:00	*	*	*	*	19	10	24	23	*	*	*	*	*	*	22	16
Total	0	0	0	0	1856	1934	1839	1925	0	0	0	0	0	0	1850	1929
Day	0	0	0	0	3790	3790	3764	3764	0	0	0	0	0	0	3779	3779
AM Peak	-	-	-	-	08:00	07:00	08:00	07:00	-	-	-	-	-	-	08:00	07:00
Vol.	-	-	-	-	98	227	86	239	-	-	-	-	-	-	92	233
PM Peak	-	-	-	-	17:00	17:00	17:00	17:00	-	-	-	-	-	-	17:00	17:00
Vol.	-	-	-	-	229	147	218	152	-	-	-	-	-	-	224	150

Comb. Total                      0                      0                      3790                      3764                      0                      0                      0                      3779



**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

Start Time	21-Aug-13		EB		WB		Combined		22-Aug		EB		WB		Combined	
	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Thu		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			6	24	1	12	7	36			4	26	3	20	7	46
12:15			4	26	1	21	5	47			3	19	2	21	5	40
12:30			2	22	1	26	3	48			2	25	1	16	3	41
12:45			1	20	2	15	3	35			1	27	0	21	1	48
01:00			1	24	1	24	2	48			1	25	1	24	2	49
01:15			3	22	1	18	4	40			5	27	2	18	7	45
01:30			2	29	0	22	2	51			1	15	0	18	1	33
01:45			6	23	0	22	6	45			5	25	0	14	5	39
02:00			1	24	1	14	2	38			0	14	2	23	2	37
02:15			1	30	1	28	2	58			0	17	0	15	0	32
02:30			2	35	1	31	3	66			1	29	1	17	2	46
02:45			1	30	1	22	2	52			0	42	1	31	1	73
03:00			1	35	1	23	2	58			0	28	1	30	1	58
03:15			1	35	1	26	2	61			0	29	2	30	2	59
03:30			2	41	0	24	2	65			0	45	0	25	0	70
03:45			1	41	1	21	2	62			0	52	1	21	1	73
04:00			2	50	5	26	7	76			1	45	8	24	9	69
04:15			3	<b>66</b>	5	32	8	98			3	<b>61</b>	7	<b>40</b>	10	<b>101</b>
04:30			5	<b>48</b>	11	41	16	<b>89</b>			2	<b>53</b>	7	<b>38</b>	9	<b>91</b>
04:45			3	<b>64</b>	5	<b>40</b>	8	<b>104</b>			3	<b>53</b>	8	<b>46</b>	11	<b>99</b>
05:00			3	<b>57</b>	16	<b>31</b>	19	<b>88</b>			6	<b>59</b>	10	<b>37</b>	16	<b>96</b>
05:15			6	63	18	<b>41</b>	24	<b>104</b>			4	54	21	36	25	90
05:30			11	42	22	<b>47</b>	33	89			8	56	13	34	21	90
05:45			8	67	19	28	27	95			7	49	16	45	23	94
06:00			6	53	34	36	40	89			10	49	32	27	42	76
06:15			12	37	47	29	59	66			8	42	46	25	54	67
06:30			13	37	53	22	66	59			16	37	41	21	57	58
06:45			17	28	52	22	69	50			17	36	57	20	74	56
07:00			14	27	35	23	49	50			9	28	<b>57</b>	15	66	43
07:15			22	20	<b>54</b>	24	<b>76</b>	44			21	26	<b>51</b>	19	<b>72</b>	45
07:30			21	14	<b>69</b>	20	<b>90</b>	34			23	34	<b>72</b>	16	<b>95</b>	50
07:45			<b>24</b>	21	<b>69</b>	12	<b>93</b>	33			<b>25</b>	25	<b>59</b>	7	<b>84</b>	32
08:00			<b>26</b>	23	<b>43</b>	17	<b>69</b>	40			<b>17</b>	26	57	20	<b>74</b>	46
08:15			<b>28</b>	15	47	22	75	37			<b>24</b>	21	42	13	66	34
08:30			<b>22</b>	20	35	20	57	40			<b>26</b>	22	47	14	73	36
08:45			22	22	35	15	57	37			19	15	39	11	58	26
09:00			16	12	20	12	36	24			18	13	25	9	43	22
09:15			15	11	26	18	41	29			18	15	22	12	40	27
09:30			18	15	27	14	45	29			11	12	26	6	37	18
09:45			22	12	23	8	45	20			10	13	25	10	35	23
10:00			10	4	20	11	30	15			20	17	17	13	37	30
10:15			16	11	27	8	43	19			18	11	23	9	41	20
10:30			20	11	19	10	39	21			16	7	24	11	40	18
10:45			17	8	15	4	32	12			19	15	35	8	54	23
11:00			14	4	22	2	36	6			14	8	17	7	31	15
11:15			24	4	14	2	38	6			28	3	14	3	42	6
11:30			26	7	24	4	50	11			10	6	19	8	29	14
11:45			17	4	17	2	34	6			22	7	18	5	40	12
Total			518	1338	942	992	1460	2330			476	1363	972	953	1448	2316
Day Total			1856		1934		3790				1839		1925		3764	
% Total			13.7%	35.3%	24.9%	26.2%					12.6%	36.2%	25.8%	25.3%		
Peak	-		07:45	04:15	07:15	04:45	07:15	04:30	-		07:45	04:15	07:00	04:15	07:15	04:15
Vol.	-		100	235	235	159	328	385	-		92	226	239	161	325	387
P.H.F.			0.893	0.890	0.851	0.846	0.882	0.925			0.885	0.926	0.830	0.875	0.855	0.958

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

Start Time	19-Aug-13 Mon	20-Aug-13 Tue	21-Aug-13 Wed	22-Aug-13 Thu	23-Aug-13 Fri	24-Aug-13 Sat	25-Aug-13 Sun	Week Average
12:00 AM	*	*	18	16	*	*	*	17
01:00	*	*	14	15	*	*	*	14
02:00	*	*	9	5	*	*	*	7
03:00	*	*	8	4	*	*	*	6
04:00	*	*	39	39	*	*	*	39
05:00	*	*	103	85	*	*	*	94
06:00	*	*	234	227	*	*	*	230
07:00	*	*	<b>308</b>	<b>317</b>	*	*	*	<b>312</b>
08:00	*	*	258	271	*	*	*	264
09:00	*	*	167	155	*	*	*	161
10:00	*	*	144	172	*	*	*	158
11:00	*	*	158	142	*	*	*	150
12:00 PM	*	*	166	175	*	*	*	170
01:00	*	*	184	166	*	*	*	175
02:00	*	*	214	188	*	*	*	201
03:00	*	*	246	260	*	*	*	253
04:00	*	*	367	360	*	*	*	364
05:00	*	*	<b>376</b>	<b>370</b>	*	*	*	<b>373</b>
06:00	*	*	264	257	*	*	*	260
07:00	*	*	161	170	*	*	*	166
08:00	*	*	154	142	*	*	*	148
09:00	*	*	102	90	*	*	*	96
10:00	*	*	67	91	*	*	*	79
11:00	*	*	29	47	*	*	*	38
Total	0	0	3790	3764	0	0	0	3775
Percentage	0.0%	0.0%	100.4%	99.7%	0.0%	0.0%	0.0%	
AM Peak	-	-	07:00	07:00	-	-	-	07:00
Vol.	-	-	308	317	-	-	-	312
PM Peak	-	-	17:00	17:00	-	-	-	17:00
Vol.	-	-	376	370	-	-	-	373

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**EB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/21/13	0	0	2	6	5	0	0	0	0	0	0	0	0	0	13
01:00	0	0	3	7	2	0	0	0	0	0	0	0	0	0	12
02:00	0	0	0	4	0	1	0	0	0	0	0	0	0	0	5
03:00	0	1	1	2	1	0	0	0	0	0	0	0	0	0	5
04:00	1	2	0	6	4	0	0	0	0	0	0	0	0	0	13
05:00	3	4	5	11	5	0	0	0	0	0	0	0	0	0	28
06:00	1	2	6	18	20	1	0	0	0	0	0	0	0	0	48
07:00	1	1	14	35	28	2	0	0	0	0	0	0	0	0	81
08:00	5	6	17	43	26	1	0	0	0	0	0	0	0	0	98
09:00	4	8	16	29	13	1	0	0	0	0	0	0	0	0	71
10:00	4	5	19	19	15	1	0	0	0	0	0	0	0	0	63
11:00	2	4	20	41	12	2	0	0	0	0	0	0	0	0	81
12 PM	3	4	12	44	21	7	1	0	0	0	0	0	0	0	92
13:00	2	1	25	45	23	2	0	0	0	0	0	0	0	0	98
14:00	2	5	27	57	25	2	1	0	0	0	0	0	0	0	119
15:00	6	12	32	68	28	6	0	0	0	0	0	0	0	0	152
16:00	6	19	69	101	29	4	0	0	0	0	0	0	0	0	228
17:00	14	17	61	98	37	2	0	0	0	0	0	0	0	0	229
18:00	5	12	41	68	25	4	0	0	0	0	0	0	0	0	155
19:00	0	4	22	39	15	2	0	0	0	0	0	0	0	0	82
20:00	1	5	27	35	11	0	1	0	0	0	0	0	0	0	80
21:00	0	2	17	19	9	3	0	0	0	0	0	0	0	0	50
22:00	2	2	6	18	6	0	0	0	0	0	0	0	0	0	34
23:00	1	2	7	3	5	1	0	0	0	0	0	0	0	0	19
<b>Total</b>	<b>63</b>	<b>118</b>	<b>449</b>	<b>816</b>	<b>365</b>	<b>42</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1856</b>

Daily

15th Percentile :	19 MPH
50th Percentile :	26 MPH
85th Percentile :	31 MPH
95th Percentile :	34 MPH

Mean Speed(Average) :	26 MPH
10 MPH Pace Speed :	23-32 MPH
Number in Pace :	1163
Percent in Pace :	62.7%
Number of Vehicles > 30 MPH :	410
Percent of Vehicles > 30 MPH :	22.1%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**EB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	3	1	5	1	0	0	0	0	0	0	0	0	10
01:00	0	1	1	6	1	2	1	0	0	0	0	0	0	0	12
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	3	5	0	0	0	0	0	0	0	0	0	0	9
05:00	0	5	4	10	5	1	0	0	0	0	0	0	0	0	25
06:00	5	0	6	23	17	0	0	0	0	0	0	0	0	0	51
07:00	2	4	11	36	22	3	0	0	0	0	0	0	0	0	78
08:00	6	5	17	36	20	2	0	0	0	0	0	0	0	0	86
09:00	3	4	11	27	12	0	0	0	0	0	0	0	0	0	57
10:00	1	8	13	33	16	2	0	0	0	0	0	0	0	0	73
11:00	4	3	17	36	13	1	0	0	0	0	0	0	0	0	74
12 PM	1	5	30	39	19	3	0	0	0	0	0	0	0	0	97
13:00	2	7	26	40	13	4	0	0	0	0	0	0	0	0	92
14:00	2	3	25	56	15	1	0	0	0	0	0	0	0	0	102
15:00	10	15	38	66	25	0	0	0	0	0	0	0	0	0	154
16:00	7	18	67	91	25	4	0	0	0	0	0	0	0	0	212
17:00	9	14	74	97	21	3	0	0	0	0	0	0	0	0	218
18:00	3	5	53	81	22	0	0	0	0	0	0	0	0	0	164
19:00	3	2	35	58	12	3	0	0	0	0	0	0	0	0	113
20:00	0	6	17	37	20	4	0	0	0	0	0	0	0	0	84
21:00	0	2	15	29	5	1	1	0	0	0	0	0	0	0	53
22:00	1	4	15	21	7	2	0	0	0	0	0	0	0	0	50
23:00	0	1	11	8	4	0	0	0	0	0	0	0	0	0	24
<b>Total</b>	<b>60</b>	<b>112</b>	<b>492</b>	<b>837</b>	<b>299</b>	<b>37</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1839</b>

Daily  
 15th Percentile : 19 MPH  
 50th Percentile : 26 MPH  
 85th Percentile : 31 MPH  
 95th Percentile : 34 MPH

Mean Speed(Average) : 26 MPH  
 10 MPH Pace Speed : 22-31 MPH  
 Number in Pace : 1187  
 Percent in Pace : 64.5%  
 Number of Vehicles > 30 MPH : 338  
 Percent of Vehicles > 30 MPH : 18.4%

<b>Grand Total</b>	<b>123</b>	<b>230</b>	<b>941</b>	<b>1653</b>	<b>664</b>	<b>79</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3695</b>
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Overall  
 15th Percentile : 19 MPH  
 50th Percentile : 26 MPH  
 85th Percentile : 31 MPH  
 95th Percentile : 34 MPH

Mean Speed(Average) : 26 MPH  
 10 MPH Pace Speed : 23-32 MPH  
 Number in Pace : 2348  
 Percent in Pace : 63.5%  
 Number of Vehicles > 30 MPH : 748  
 Percent of Vehicles > 30 MPH : 20.2%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**WB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/21/13	0	0	0	4	0	1	0	0	0	0	0	0	0	0	5
01:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4
03:00	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3
04:00	0	0	0	14	9	3	0	0	0	0	0	0	0	0	26
05:00	1	1	4	25	29	15	0	0	0	0	0	0	0	0	75
06:00	2	0	4	52	104	23	1	0	0	0	0	0	0	0	186
07:00	1	3	12	78	114	18	1	0	0	0	0	0	0	0	227
08:00	0	0	12	61	76	10	1	0	0	0	0	0	0	0	160
09:00	1	2	5	34	48	6	0	0	0	0	0	0	0	0	96
10:00	1	2	8	26	37	6	1	0	0	0	0	0	0	0	81
11:00	0	2	5	27	38	5	0	0	0	0	0	0	0	0	77
12 PM	0	2	9	18	31	12	1	1	0	0	0	0	0	0	74
13:00	2	1	6	30	34	13	0	0	0	0	0	0	0	0	86
14:00	2	1	7	41	39	4	1	0	0	0	0	0	0	0	95
15:00	5	2	11	32	36	8	0	0	0	0	0	0	0	0	94
16:00	8	3	12	39	63	9	3	1	0	0	1	0	0	0	139
17:00	13	7	7	35	65	17	3	0	0	0	0	0	0	0	147
18:00	6	4	6	37	42	11	3	0	0	0	0	0	0	0	109
19:00	1	3	8	36	28	3	0	0	0	0	0	0	0	0	79
20:00	1	1	4	37	24	7	0	0	0	0	0	0	0	0	74
21:00	0	0	3	25	18	6	0	0	0	0	0	0	0	0	52
22:00	0	0	1	16	14	1	0	1	0	0	0	0	0	0	33
23:00	0	0	0	5	5	0	0	0	0	0	0	0	0	0	10
Total	44	35	124	676	858	178	15	3	0	0	1	0	0	0	1934

Daily  
 15th Percentile : 24 MPH  
 50th Percentile : 30 MPH  
 85th Percentile : 34 MPH  
 95th Percentile : 37 MPH

Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 1349  
 Percent in Pace : 69.8%  
 Number of Vehicles > 30 MPH : 1055  
 Percent of Vehicles > 30 MPH : 54.6%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**WB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	2	2	1	1	0	0	0	0	0	0	0	0	6
01:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
02:00	0	1	1	0	1	1	0	0	0	0	0	0	0	0	4
03:00	0	0	0	2	1	0	1	0	0	0	0	0	0	0	4
04:00	0	0	2	11	15	2	0	0	0	0	0	0	0	0	30
05:00	0	1	0	19	31	8	1	0	0	0	0	0	0	0	60
06:00	2	1	10	49	96	17	1	0	0	0	0	0	0	0	176
07:00	2	0	9	88	115	25	0	0	0	0	0	0	0	0	239
08:00	3	2	6	55	106	13	0	0	0	0	0	0	0	0	185
09:00	5	1	8	43	36	4	1	0	0	0	0	0	0	0	98
10:00	0	1	5	27	43	21	2	0	0	0	0	0	0	0	99
11:00	2	1	2	22	31	10	0	0	0	0	0	0	0	0	68
12 PM	2	5	10	19	38	4	0	0	0	0	0	0	0	0	78
13:00	0	2	11	28	27	6	0	0	0	0	0	0	0	0	74
14:00	7	2	13	31	27	6	0	0	0	0	0	0	0	0	86
15:00	1	1	9	41	44	9	1	0	0	0	0	0	0	0	106
16:00	6	2	14	46	63	17	0	0	0	0	0	0	0	0	148
17:00	7	2	14	57	58	13	1	0	0	0	0	0	0	0	152
18:00	1	2	9	27	47	6	1	0	0	0	0	0	0	0	93
19:00	3	4	3	26	15	5	1	0	0	0	0	0	0	0	57
20:00	1	0	6	21	26	4	0	0	0	0	0	0	0	0	58
21:00	0	1	2	16	15	2	1	0	0	0	0	0	0	0	37
22:00	1	1	4	19	11	5	0	0	0	0	0	0	0	0	41
23:00	0	0	6	7	8	2	0	0	0	0	0	0	0	0	23
<b>Total</b>	<b>43</b>	<b>30</b>	<b>146</b>	<b>657</b>	<b>856</b>	<b>182</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1925</b>

Daily  
 15th Percentile : 24 MPH  
 50th Percentile : 30 MPH  
 85th Percentile : 34 MPH  
 95th Percentile : 37 MPH

Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 1337  
 Percent in Pace : 69.5%  
 Number of Vehicles > 30 MPH : 1049  
 Percent of Vehicles > 30 MPH : 54.5%

<b>Grand Total</b>	<b>87</b>	<b>65</b>	<b>270</b>	<b>1333</b>	<b>1714</b>	<b>360</b>	<b>26</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3859</b>
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Overall  
 15th Percentile : 24 MPH  
 50th Percentile : 30 MPH  
 85th Percentile : 34 MPH  
 95th Percentile : 37 MPH

Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 2686  
 Percent in Pace : 69.6%  
 Number of Vehicles > 30 MPH : 2104  
 Percent of Vehicles > 30 MPH : 54.5%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**EB, WB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/21/13	0	0	2	10	5	1	0	0	0	0	0	0	0	0	18
01:00	0	0	3	8	3	0	0	0	0	0	0	0	0	0	14
02:00	0	0	0	6	2	1	0	0	0	0	0	0	0	0	9
03:00	0	2	1	3	2	0	0	0	0	0	0	0	0	0	8
04:00	1	2	0	20	13	3	0	0	0	0	0	0	0	0	39
05:00	4	5	9	36	34	15	0	0	0	0	0	0	0	0	103
06:00	3	2	10	70	124	24	1	0	0	0	0	0	0	0	234
07:00	2	4	26	113	142	20	1	0	0	0	0	0	0	0	308
08:00	5	6	29	104	102	11	1	0	0	0	0	0	0	0	258
09:00	5	10	21	63	61	7	0	0	0	0	0	0	0	0	167
10:00	5	7	27	45	52	7	1	0	0	0	0	0	0	0	144
11:00	2	6	25	68	50	7	0	0	0	0	0	0	0	0	158
12 PM	3	6	21	62	52	19	2	1	0	0	0	0	0	0	166
13:00	4	2	31	75	57	15	0	0	0	0	0	0	0	0	184
14:00	4	6	34	98	64	6	2	0	0	0	0	0	0	0	214
15:00	11	14	43	100	64	14	0	0	0	0	0	0	0	0	246
16:00	14	22	81	140	92	13	3	1	0	0	1	0	0	0	367
17:00	27	24	68	133	102	19	3	0	0	0	0	0	0	0	376
18:00	11	16	47	105	67	15	3	0	0	0	0	0	0	0	264
19:00	1	7	30	75	43	5	0	0	0	0	0	0	0	0	161
20:00	2	6	31	72	35	7	1	0	0	0	0	0	0	0	154
21:00	0	2	20	44	27	9	0	0	0	0	0	0	0	0	102
22:00	2	2	7	34	20	1	0	1	0	0	0	0	0	0	67
23:00	1	2	7	8	10	1	0	0	0	0	0	0	0	0	29
<b>Total</b>	<b>107</b>	<b>153</b>	<b>573</b>	<b>1492</b>	<b>1223</b>	<b>220</b>	<b>18</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3790</b>

Daily  
 15th Percentile : 21 MPH  
 50th Percentile : 28 MPH  
 85th Percentile : 33 MPH  
 95th Percentile : 36 MPH

Mean Speed(Average) : 28 MPH  
 10 MPH Pace Speed : 25-34 MPH  
 Number in Pace : 2405  
 Percent in Pace : 63.5%  
 Number of Vehicles > 30 MPH : 1465  
 Percent of Vehicles > 30 MPH : 38.7%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**EB, 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			
08/22/13	0	0	5	3	6	2	0	0	0	0	0	0	0	0	0	16
01:00	0	1	1	7	2	3	1	0	0	0	0	0	0	0	0	15
02:00	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	5
03:00	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	4
04:00	1	0	5	16	15	2	0	0	0	0	0	0	0	0	0	39
05:00	0	6	4	29	36	9	1	0	0	0	0	0	0	0	0	85
06:00	7	1	16	72	113	17	1	0	0	0	0	0	0	0	0	227
07:00	4	4	20	124	137	28	0	0	0	0	0	0	0	0	0	317
08:00	9	7	23	91	126	15	0	0	0	0	0	0	0	0	0	271
09:00	8	5	19	70	48	4	1	0	0	0	0	0	0	0	0	155
10:00	1	9	18	60	59	23	2	0	0	0	0	0	0	0	0	172
11:00	6	4	19	58	44	11	0	0	0	0	0	0	0	0	0	142
12 PM	3	10	40	58	57	7	0	0	0	0	0	0	0	0	0	175
13:00	2	9	37	68	40	10	0	0	0	0	0	0	0	0	0	166
14:00	9	5	38	87	42	7	0	0	0	0	0	0	0	0	0	188
15:00	11	16	47	107	69	9	1	0	0	0	0	0	0	0	0	260
16:00	13	20	81	137	88	21	0	0	0	0	0	0	0	0	0	360
17:00	16	16	88	154	79	16	1	0	0	0	0	0	0	0	0	370
18:00	4	7	62	108	69	6	1	0	0	0	0	0	0	0	0	257
19:00	6	6	38	84	27	8	1	0	0	0	0	0	0	0	0	170
20:00	1	6	23	58	46	8	0	0	0	0	0	0	0	0	0	142
21:00	0	3	17	45	20	3	2	0	0	0	0	0	0	0	0	90
22:00	2	5	19	40	18	7	0	0	0	0	0	0	0	0	0	91
23:00	0	1	17	15	12	2	0	0	0	0	0	0	0	0	0	47
<b>Total</b>	<b>103</b>	<b>142</b>	<b>638</b>	<b>1494</b>	<b>1155</b>	<b>219</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3764</b>

Daily  
 15th Percentile : 21 MPH  
 50th Percentile : 28 MPH  
 85th Percentile : 33 MPH  
 95th Percentile : 36 MPH

Mean Speed(Average) : 28 MPH  
 10 MPH Pace Speed : 25-34 MPH  
 Number in Pace : 2377  
 Percent in Pace : 63.2%  
 Number of Vehicles > 30 MPH : 1387  
 Percent of Vehicles > 30 MPH : 36.8%

<b>Grand Total</b>	<b>210</b>	<b>295</b>	<b>1211</b>	<b>2986</b>	<b>2378</b>	<b>439</b>	<b>31</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7554</b>
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Overall  
 15th Percentile : 21 MPH  
 50th Percentile : 28 MPH  
 85th Percentile : 33 MPH  
 95th Percentile : 36 MPH

Mean Speed(Average) : 28 MPH  
 10 MPH Pace Speed : 25-34 MPH  
 Number in Pace : 4782  
 Percent in Pace : 63.3%  
 Number of Vehicles > 30 MPH : 2852  
 Percent of Vehicles > 30 MPH : 37.8%



**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

EB

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	10	1	0	2	0	0	0	0	0	0	0	0	13	2
01:00	0	10	2	0	0	0	0	0	0	0	0	0	0	12	0
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5	0
03:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0
04:00	0	8	4	0	1	0	0	0	0	0	0	0	0	13	1
05:00	0	18	9	0	1	0	0	0	0	0	0	0	0	28	1
06:00	0	29	12	0	5	1	0	1	0	0	0	0	0	48	7
07:00	0	61	10	0	10	0	0	0	0	0	0	0	0	81	10
08:00	2	71	18	0	4	1	0	0	0	0	0	0	0	96	5
09:00	0	52	13	0	5	0	0	1	0	0	0	0	0	71	6
10:00	0	44	13	1	3	0	0	1	0	0	0	0	0	62	5
11:00	1	56	19	0	4	0	0	1	0	0	0	0	0	81	5
12 PM	3	61	14	1	12	0	0	1	0	0	0	0	0	92	14
13:00	0	66	21	0	9	0	0	2	0	0	0	0	0	98	11
14:00	0	84	29	0	4	1	0	0	1	0	0	0	0	119	6
15:00	2	90	41	0	18	1	0	0	0	0	0	0	0	152	19
16:00	4	147	55	0	17	1	0	3	0	0	0	0	0	227	21
17:00	2	157	50	0	18	0	0	2	0	0	0	0	0	229	20
18:00	1	119	31	0	3	1	0	0	0	0	0	0	0	155	4
19:00	0	62	18	0	2	0	0	0	0	0	0	0	0	82	2
20:00	4	61	14	0	1	0	0	0	0	0	0	0	0	80	1
21:00	0	36	13	0	1	0	0	0	0	0	0	0	0	50	1
22:00	0	24	9	0	1	0	0	0	0	0	0	0	0	34	1
23:00	0	18	1	0	0	0	0	0	0	0	0	0	0	19	0
Total	19	1293	398	2	121	6	0	12	1	0	0	0	0	1852	142
Percent	1.0%	69.8%	21.5%	0.1%	6.5%	0.3%	0.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%		7.7%
AM Peak	08:00	08:00	11:00	10:00	07:00	06:00		06:00						08:00	07:00
Vol.	2	71	19	1	10	1		1						96	10
PM Peak	16:00	17:00	16:00	12:00	15:00	14:00		16:00	14:00					17:00	16:00
Vol.	4	157	55	1	18	1		3	1					229	21

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

EB

Start Time	Bikes	Cars & Trailer	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
08/22/13	1	7	2	0	0	0	0	0	0	0	0	0	0	10	0
01:00	0	12	0	0	0	0	0	0	0	0	0	0	0	12	0
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	6	1	0	0	0	0	2	0	0	0	0	0	9	2
05:00	1	14	9	0	1	0	0	0	0	0	0	0	0	25	1
06:00	0	30	17	0	2	0	0	1	0	0	0	0	0	50	3
07:00	1	61	11	1	4	0	0	0	0	0	0	0	0	78	5
08:00	1	56	19	1	6	2	0	0	0	0	0	0	0	85	9
09:00	1	40	11	1	3	1	0	0	0	0	0	0	0	57	5
10:00	0	46	21	1	4	0	0	0	1	0	0	0	0	73	6
11:00	0	47	19	1	5	0	0	1	0	0	0	0	0	73	7
12 PM	1	66	23	0	5	0	0	2	0	0	0	0	0	97	7
13:00	0	67	18	1	5	0	0	1	0	0	0	0	0	92	7
14:00	1	77	21	0	2	0	0	0	1	0	0	0	0	102	3
15:00	1	96	49	0	7	1	0	0	0	0	0	0	0	154	8
16:00	2	139	59	0	9	2	0	1	0	0	0	0	0	212	12
17:00	2	149	57	0	7	1	0	0	1	0	0	0	0	217	9
18:00	0	133	29	0	2	0	0	0	0	0	0	0	0	164	2
19:00	4	86	20	0	2	1	0	0	0	0	0	0	0	113	3
20:00	0	66	17	0	1	0	0	0	0	0	0	0	0	84	1
21:00	0	40	11	0	1	0	0	0	1	0	0	0	0	53	2
22:00	1	38	11	0	0	0	0	0	0	0	0	0	0	50	0
23:00	0	19	5	0	0	0	0	0	0	0	0	0	0	24	0
Total	17	1295	430	6	67	8	0	8	4	0	0	0	0	1835	93
Percent	0.9%	70.6%	23.4%	0.3%	3.7%	0.4%	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%		5.1%
AM Peak Vol.	1	61	21	1	6	2		2	1					85	9
PM Peak Vol.	4	149	59	1	9	2		2	1					217	12
Grand Total	36	2588	828	8	188	14	0	20	5	0	0	0	0	3687	235
Percent	1.0%	70.2%	22.5%	0.2%	5.1%	0.4%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%		6.4%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**WB**

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	2	3	0	0	0	0	0	0	0	0	0	0	5	0
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
02:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4	1
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
04:00	0	16	7	0	2	0	0	1	0	0	0	0	0	26	3
05:00	0	35	23	0	16	1	0	0	0	0	0	0	0	75	17
06:00	1	106	49	0	29	0	0	1	0	0	0	0	0	186	30
07:00	3	152	53	1	16	1	0	1	0	0	0	0	0	227	19
08:00	1	109	35	0	13	0	0	2	0	0	0	0	0	160	15
09:00	0	65	17	0	13	0	0	1	0	0	0	0	0	96	14
10:00	0	51	23	1	5	0	0	1	0	0	0	0	0	81	7
11:00	0	51	18	0	6	1	0	1	0	0	0	0	0	77	8
12 PM	2	48	17	0	7	0	0	0	0	0	0	0	0	74	7
13:00	0	63	15	0	7	0	0	1	0	0	0	0	0	86	8
14:00	0	54	32	1	7	0	0	1	0	0	0	0	0	95	9
15:00	1	57	29	0	6	0	0	1	0	0	0	0	0	94	7
16:00	2	90	35	0	10	0	0	1	0	0	0	0	0	138	11
17:00	1	94	39	0	9	1	0	1	0	0	0	0	0	145	11
18:00	3	74	23	0	8	0	0	0	0	0	0	0	0	108	8
19:00	1	50	25	0	3	0	0	0	0	0	0	0	0	79	3
20:00	0	52	17	0	2	0	0	3	0	0	0	0	0	74	5
21:00	1	37	10	0	4	0	0	0	0	0	0	0	0	52	4
22:00	0	23	7	1	2	0	0	0	0	0	0	0	0	33	3
23:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10	0
<b>Total</b>	16	1245	479	4	166	4	0	16	0	0	0	0	0	1930	190
<b>Percent</b>	0.8%	64.5%	24.8%	0.2%	8.6%	0.2%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%		9.8%
<b>AM Peak</b>	07:00	07:00	07:00	07:00	06:00	05:00		08:00						07:00	06:00
<b>Vol.</b>	3	152	53	1	29	1		2						227	30
<b>PM Peak</b>	18:00	17:00	17:00	14:00	16:00	17:00		20:00						17:00	16:00
<b>Vol.</b>	3	94	39	1	10	1		3						145	11



**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**EB, WB**

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	12	4	0	2	0	0	0	0	0	0	0	0	18	2
01:00	0	12	2	0	0	0	0	0	0	0	0	0	0	14	0
02:00	0	7	1	0	1	0	0	0	0	0	0	0	0	9	1
03:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8	0
04:00	0	24	11	0	3	0	0	1	0	0	0	0	0	39	4
05:00	0	53	32	0	17	1	0	0	0	0	0	0	0	103	18
06:00	1	135	61	0	34	1	0	2	0	0	0	0	0	234	37
07:00	3	213	63	1	26	1	0	1	0	0	0	0	0	308	29
08:00	3	180	53	0	17	1	0	2	0	0	0	0	0	256	20
09:00	0	117	30	0	18	0	0	2	0	0	0	0	0	167	20
10:00	0	95	36	2	8	0	0	2	0	0	0	0	0	143	12
11:00	1	107	37	0	10	1	0	2	0	0	0	0	0	158	13
12 PM	5	109	31	1	19	0	0	1	0	0	0	0	0	166	21
13:00	0	129	36	0	16	0	0	3	0	0	0	0	0	184	19
14:00	0	138	61	1	11	1	0	1	1	0	0	0	0	214	15
15:00	3	147	70	0	24	1	0	1	0	0	0	0	0	246	26
16:00	6	237	90	0	27	1	0	4	0	0	0	0	0	365	32
17:00	3	251	89	0	27	1	0	3	0	0	0	0	0	374	31
18:00	4	193	54	0	11	1	0	0	0	0	0	0	0	263	12
19:00	1	112	43	0	5	0	0	0	0	0	0	0	0	161	5
20:00	4	113	31	0	3	0	0	3	0	0	0	0	0	154	6
21:00	1	73	23	0	5	0	0	0	0	0	0	0	0	102	5
22:00	0	47	16	1	3	0	0	0	0	0	0	0	0	67	4
23:00	0	26	3	0	0	0	0	0	0	0	0	0	0	29	0
<b>Total</b>	<b>35</b>	<b>2538</b>	<b>877</b>	<b>6</b>	<b>287</b>	<b>10</b>	<b>0</b>	<b>28</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3782</b>	<b>332</b>
<b>Percent</b>	<b>0.9%</b>	<b>67.1%</b>	<b>23.2%</b>	<b>0.2%</b>	<b>7.6%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>8.8%</b>
<b>AM Peak</b>	07:00	07:00	07:00	10:00	06:00	05:00		06:00						07:00	06:00
<b>Vol.</b>	3	213	63	2	34	1		2						308	37
<b>PM Peak</b>	16:00	17:00	16:00	12:00	16:00	14:00		16:00	14:00					17:00	16:00
<b>Vol.</b>	6	251	90	1	27	1		4	1					374	32

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13208  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Boundary Ave, west of N Quincy St

**EB, WB**

Start Time	Bikes	Cars & Trailer	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
08/22/13	1	12	3	0	0	0	0	0	0	0	0	0	0	16	0
01:00	0	15	0	0	0	0	0	0	0	0	0	0	0	15	0
02:00	0	3	1	0	1	0	0	0	0	0	0	0	0	5	1
03:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4	0
04:00	1	21	9	0	5	0	0	2	1	0	0	0	0	39	8
05:00	2	39	27	0	15	0	0	2	0	0	0	0	0	85	17
06:00	0	128	60	0	36	0	0	1	0	0	0	0	0	225	37
07:00	3	212	78	3	21	0	0	0	0	0	0	0	0	317	24
08:00	1	182	66	2	15	2	0	1	0	0	0	0	0	269	20
09:00	1	103	35	1	14	1	0	0	0	0	0	0	0	155	16
10:00	0	107	52	1	10	1	0	0	1	0	0	0	0	172	13
11:00	1	82	43	2	12	0	0	1	0	0	0	0	0	141	15
12 PM	1	115	44	0	10	0	0	4	0	0	0	0	0	174	14
13:00	1	129	26	1	8	0	0	1	0	0	0	0	0	166	10
14:00	1	129	46	0	9	0	0	2	1	0	0	0	0	188	12
15:00	2	161	78	1	17	1	0	0	0	0	0	0	0	260	19
16:00	2	236	98	0	18	2	0	3	0	0	0	0	0	359	23
17:00	3	246	95	1	19	2	0	1	1	0	0	0	0	368	24
18:00	0	188	58	0	10	0	0	1	0	0	0	0	0	257	11
19:00	4	122	37	0	6	1	0	0	0	0	0	0	0	170	7
20:00	0	108	30	0	4	0	0	0	0	0	0	0	0	142	4
21:00	0	70	17	0	2	0	0	0	1	0	0	0	0	90	3
22:00	1	58	27	0	5	0	0	0	0	0	0	0	0	91	5
23:00	0	34	13	0	0	0	0	0	0	0	0	0	0	47	0
Total	25	2502	945	12	237	10	0	19	5	0	0	0	0	3755	283
Percent	0.7%	66.6%	25.2%	0.3%	6.3%	0.3%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%		7.5%
AM Peak	07:00	07:00	07:00	07:00	06:00	08:00		04:00	04:00					07:00	06:00
Vol.	3	212	78	3	36	2		2	1					317	37
PM Peak	19:00	17:00	16:00	13:00	17:00	16:00		12:00	14:00					17:00	17:00
Vol.	4	246	98	1	19	2		4	1					368	24
Grand Total	60	5040	1822	18	524	20	0	47	6	0	0	0	0	7537	615
Percent	0.8%	66.9%	24.2%	0.2%	7.0%	0.3%	0.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%		8.2%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

Start Time	19-Aug-13		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	*	*	*	*	21	27	22	17	*	*	*	*	*	*	22	22
01:00	*	*	*	*	21	11	16	18	*	*	*	*	*	*	18	14
02:00	*	*	*	*	7	11	3	5	*	*	*	*	*	*	5	8
03:00	*	*	*	*	18	12	6	11	*	*	*	*	*	*	12	12
04:00	*	*	*	*	35	31	27	43	*	*	*	*	*	*	31	37
05:00	*	*	*	*	90	91	84	85	*	*	*	*	*	*	87	88
06:00	*	*	*	*	218	232	201	226	*	*	*	*	*	*	210	229
07:00	*	*	*	*	<b>259</b>	<b>330</b>	236	<b>343</b>	*	*	*	*	*	*	<b>248</b>	<b>336</b>
08:00	*	*	*	*	239	269	<b>240</b>	288	*	*	*	*	*	*	240	278
09:00	*	*	*	*	177	172	182	176	*	*	*	*	*	*	180	174
10:00	*	*	*	*	165	161	180	189	*	*	*	*	*	*	172	175
11:00	*	*	*	*	183	174	163	156	*	*	*	*	*	*	173	165
12:00 PM	*	*	*	*	202	171	217	173	*	*	*	*	*	*	210	172
01:00	*	*	*	*	222	175	206	169	*	*	*	*	*	*	214	172
02:00	*	*	*	*	290	222	233	220	*	*	*	*	*	*	262	221
03:00	*	*	*	*	306	274	294	276	*	*	*	*	*	*	300	275
04:00	*	*	*	*	<b>436</b>	<b>340</b>	<b>391</b>	335	*	*	*	*	*	*	<b>414</b>	338
05:00	*	*	*	*	396	337	381	<b>366</b>	*	*	*	*	*	*	388	<b>352</b>
06:00	*	*	*	*	284	256	266	216	*	*	*	*	*	*	275	236
07:00	*	*	*	*	174	186	176	165	*	*	*	*	*	*	175	176
08:00	*	*	*	*	153	145	151	127	*	*	*	*	*	*	152	136
09:00	*	*	*	*	101	126	113	89	*	*	*	*	*	*	107	108
10:00	*	*	*	*	80	99	82	106	*	*	*	*	*	*	81	102
11:00	*	*	*	*	55	58	42	65	*	*	*	*	*	*	48	62
Total	0	0	0	0	4132	3910	3912	3864	0	0	0	0	0	0	4024	3888
Day	0	0	0	0	8042		7776		0	0	0	0	0	0	7912	
AM Peak	-	-	-	-	07:00	07:00	08:00	07:00	-	-	-	-	-	-	07:00	07:00
Vol.	-	-	-	-	259	330	240	343	-	-	-	-	-	-	248	336
PM Peak	-	-	-	-	16:00	16:00	16:00	17:00	-	-	-	-	-	-	16:00	17:00
Vol.	-	-	-	-	436	340	391	366	-	-	-	-	-	-	414	352

Comb. Total                      0                      0                      8042                      7776                      0                      0                      0                      7912

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

Start Time	21-Aug-13		EB		WB		Combined		22-Aug		EB		WB		Combined	
	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Thu		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			8	46	10	42	18	88			8	51	6	38	14	89
12:15			5	59	5	44	10	103			4	58	5	47	9	105
12:30			5	53	6	45	11	98			4	53	3	43	7	96
12:45			3	44	6	40	9	84			6	55	3	45	9	100
01:00			4	51	2	43	6	94			4	48	5	38	9	86
01:15			6	45	3	40	9	85			4	48	8	47	12	95
01:30			2	69	4	43	6	112			4	44	1	47	5	91
01:45			9	57	2	49	11	106			4	66	4	37	8	103
02:00			1	53	0	46	1	99			0	62	2	51	2	113
02:15			1	82	4	58	5	140			0	49	0	48	0	97
02:30			3	85	3	66	6	151			3	58	0	53	3	111
02:45			2	70	4	52	6	122			0	64	3	68	3	132
03:00			2	71	6	62	8	133			1	66	4	58	5	124
03:15			4	64	1	65	5	129			1	56	6	67	7	123
03:30			6	81	3	77	9	158			1	78	0	89	1	167
03:45			6	90	2	70	8	160			3	94	1	62	4	156
04:00			8	91	6	71	14	162			5	90	9	71	14	161
04:15			10	<b>114</b>	6	92	16	<b>206</b>			6	<b>107</b>	10	92	16	199
04:30			11	<b>110</b>	11	84	22	<b>194</b>			5	<b>92</b>	9	77	14	169
04:45			6	<b>121</b>	8	<b>93</b>	14	<b>214</b>			11	<b>102</b>	15	<b>95</b>	26	<b>197</b>
05:00			13	<b>108</b>	16	<b>73</b>	29	<b>181</b>			15	<b>99</b>	16	<b>92</b>	31	<b>191</b>
05:15			21	106	19	<b>87</b>	40	193			14	100	20	<b>89</b>	34	<b>189</b>
05:30			35	78	30	<b>91</b>	65	169			31	92	23	<b>93</b>	54	<b>185</b>
05:45			21	104	26	86	47	190			24	90	26	92	50	182
06:00			26	89	35	76	61	165			24	79	38	60	62	139
06:15			45	73	62	83	107	156			47	63	51	61	98	124
06:30			79	66	66	49	145	115			66	67	59	44	125	111
06:45			68	56	69	48	137	104			64	57	78	51	142	108
07:00			49	45	57	52	106	97			39	49	79	40	118	89
07:15			59	46	75	58	134	104			51	37	<b>68</b>	47	119	84
07:30			<b>80</b>	46	<b>93</b>	39	<b>173</b>	85			<b>81</b>	49	<b>112</b>	40	<b>193</b>	89
07:45			<b>71</b>	37	<b>105</b>	37	<b>176</b>	74			<b>65</b>	41	<b>84</b>	38	<b>149</b>	79
08:00			<b>68</b>	41	<b>65</b>	47	<b>133</b>	88			<b>65</b>	51	<b>89</b>	47	<b>154</b>	98
08:15			<b>63</b>	39	<b>77</b>	33	<b>140</b>	72			<b>61</b>	34	64	30	<b>125</b>	64
08:30			62	39	69	39	131	78			68	38	73	28	141	66
08:45			46	34	58	26	104	60			46	28	62	22	108	50
09:00			41	22	38	33	79	55			54	26	50	24	104	50
09:15			47	28	47	39	94	67			56	28	45	29	101	57
09:30			51	20	45	23	96	43			37	28	41	17	78	45
09:45			38	31	42	31	80	62			35	31	40	19	75	50
10:00			37	17	40	37	77	54			41	26	40	28	81	54
10:15			38	24	50	21	88	45			37	22	49	26	86	48
10:30			42	22	33	22	75	44			47	14	42	32	89	46
10:45			48	17	38	19	86	36			55	20	58	20	113	40
11:00			32	12	51	15	83	27			33	13	40	17	73	30
11:15			51	18	42	13	93	31			49	12	33	16	82	28
11:30			49	14	45	16	94	30			28	9	48	16	76	25
11:45			51	11	36	14	87	25			53	8	35	16	88	24
Total			1433	2699	1521	2389	2954	5088			1360	2552	1557	2307	2917	4859
Day Total			4132		3910		8042				3912		3864		7776	
% Total			17.8%	33.6%	18.9%	29.7%					17.5%	32.8%	20.0%	29.7%		
Peak	-		07:30	04:15	07:30	04:45	07:30	04:15	-		07:30	04:15	07:15	04:45	07:30	04:45
Vol.	-		282	453	340	344	622	795	-		272	400	353	369	621	762
P.H.F.			0.881	0.936	0.810	0.925	0.884	0.929			0.840	0.935	0.788	0.971	0.804	0.967



**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

Start Time	19-Aug-13 Mon	20-Aug-13 Tue	21-Aug-13 Wed	22-Aug-13 Thu	23-Aug-13 Fri	24-Aug-13 Sat	25-Aug-13 Sun	Week Average
12:00 AM	*	*	48	39	*	*	*	44
01:00	*	*	32	34	*	*	*	33
02:00	*	*	18	8	*	*	*	13
03:00	*	*	30	17	*	*	*	24
04:00	*	*	66	70	*	*	*	68
05:00	*	*	181	169	*	*	*	175
06:00	*	*	450	427	*	*	*	438
07:00	*	*	<b>589</b>	<b>579</b>	*	*	*	<b>584</b>
08:00	*	*	508	528	*	*	*	518
09:00	*	*	349	358	*	*	*	354
10:00	*	*	326	369	*	*	*	348
11:00	*	*	357	319	*	*	*	338
12:00 PM	*	*	373	390	*	*	*	382
01:00	*	*	397	375	*	*	*	386
02:00	*	*	512	453	*	*	*	482
03:00	*	*	580	570	*	*	*	575
04:00	*	*	<b>776</b>	726	*	*	*	<b>751</b>
05:00	*	*	733	<b>747</b>	*	*	*	740
06:00	*	*	540	482	*	*	*	511
07:00	*	*	360	341	*	*	*	350
08:00	*	*	298	278	*	*	*	288
09:00	*	*	227	202	*	*	*	214
10:00	*	*	179	188	*	*	*	184
11:00	*	*	113	107	*	*	*	110
Total	0	0	8042	7776	0	0	0	7910
Percentage	0.0%	0.0%	101.7%	98.3%	0.0%	0.0%	0.0%	
AM Peak	-	-	07:00	07:00	-	-	-	07:00
Vol.	-	-	589	579	-	-	-	584
PM Peak	-	-	16:00	17:00	-	-	-	16:00
Vol.	-	-	776	747	-	-	-	751

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**EB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/21/13	0	0	0	1	4	10	5	0	0	1	0	0	0	0	21
01:00	0	0	0	0	5	6	6	3	0	1	0	0	0	0	21
02:00	0	0	0	0	1	1	3	2	0	0	0	0	0	0	7
03:00	1	0	0	1	3	5	6	2	0	0	0	0	0	0	18
04:00	0	0	0	2	2	18	10	2	1	0	0	0	0	0	35
05:00	1	0	1	1	18	40	22	5	0	0	2	0	0	0	90
06:00	11	0	0	3	24	90	72	15	3	0	0	0	0	0	218
07:00	4	0	0	2	31	107	95	13	7	0	0	0	0	0	259
08:00	8	0	1	5	50	94	68	13	0	0	0	0	0	0	239
09:00	3	1	0	5	44	85	34	2	3	0	0	0	0	0	177
10:00	3	0	2	8	56	52	36	4	4	0	0	0	0	0	165
11:00	1	0	1	6	52	68	46	8	1	0	0	0	0	0	183
12 PM	2	0	0	9	44	88	48	9	2	0	0	0	0	0	202
13:00	3	0	1	8	50	106	42	11	0	1	0	0	0	0	222
14:00	13	0	6	33	95	92	35	12	4	0	0	0	0	0	290
15:00	13	0	3	9	47	132	79	19	2	1	1	0	0	0	306
16:00	18	0	0	7	88	190	110	20	1	2	0	0	0	0	436
17:00	16	0	0	8	74	157	119	19	3	0	0	0	0	0	396
18:00	8	0	1	3	41	133	83	13	2	0	0	0	0	0	284
19:00	2	0	0	6	43	75	40	7	1	0	0	0	0	0	174
20:00	2	0	2	9	37	62	33	6	1	0	1	0	0	0	153
21:00	1	0	4	3	33	39	19	2	0	0	0	0	0	0	101
22:00	3	0	0	3	20	35	17	2	0	0	0	0	0	0	80
23:00	1	0	0	3	11	21	14	5	0	0	0	0	0	0	55
<b>Total</b>	<b>114</b>	<b>1</b>	<b>22</b>	<b>135</b>	<b>873</b>	<b>1706</b>	<b>1042</b>	<b>194</b>	<b>35</b>	<b>6</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4132</b>

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 2622  
 Percent in Pace : 63.5%  
 Number of Vehicles > 45 MPH : 239  
 Percent of Vehicles > 45 MPH : 5.8%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**EB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	0	1	3	8	6	3	1	0	0	0	0	0	22
01:00	0	0	0	0	1	8	4	3	0	0	0	0	0	0	16
02:00	0	0	0	0	0	2	0	1	0	0	0	0	0	0	3
03:00	0	0	0	0	0	2	3	1	0	0	0	0	0	0	6
04:00	0	0	0	0	6	11	7	3	0	0	0	0	0	0	27
05:00	1	0	0	1	17	36	22	5	2	0	0	0	0	0	84
06:00	5	0	2	2	24	80	67	17	3	1	0	0	0	0	201
07:00	13	0	0	2	42	84	68	21	3	1	2	0	0	0	236
08:00	8	0	0	6	34	107	70	13	2	0	0	0	0	0	240
09:00	3	0	0	3	35	85	53	3	0	0	0	0	0	0	182
10:00	9	0	1	11	47	65	37	9	1	0	0	0	0	0	180
11:00	3	0	2	13	39	66	31	6	2	1	0	0	0	0	163
12 PM	5	0	0	9	49	93	53	6	2	0	0	0	0	0	217
13:00	1	0	0	15	44	82	51	12	1	0	0	0	0	0	206
14:00	3	0	1	11	59	93	57	9	0	0	0	0	0	0	233
15:00	6	1	1	16	46	115	91	16	2	0	0	0	0	0	294
16:00	14	0	1	9	61	170	108	20	6	1	1	0	0	0	391
17:00	15	0	0	11	64	155	109	23	3	0	0	0	0	1	381
18:00	4	0	0	6	40	100	99	16	1	0	0	0	0	0	266
19:00	5	0	1	9	36	72	46	6	1	0	0	0	0	0	176
20:00	2	1	4	9	37	49	41	6	1	1	0	0	0	0	151
21:00	0	1	0	4	22	58	20	6	1	1	0	0	0	0	113
22:00	1	0	0	3	25	28	22	1	0	0	1	1	0	0	82
23:00	0	0	0	5	8	17	10	1	1	0	0	0	0	0	42
<b>Total</b>	<b>98</b>	<b>3</b>	<b>13</b>	<b>146</b>	<b>739</b>	<b>1586</b>	<b>1075</b>	<b>207</b>	<b>33</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3912</b>

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 2476  
 Percent in Pace : 63.3%  
 Number of Vehicles > 45 MPH : 252  
 Percent of Vehicles > 45 MPH : 6.4%

<b>Grand Total</b>	<b>212</b>	<b>4</b>	<b>35</b>	<b>281</b>	<b>1612</b>	<b>3292</b>	<b>2117</b>	<b>401</b>	<b>68</b>	<b>12</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>8044</b>
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Overall  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 5098  
 Percent in Pace : 63.4%  
 Number of Vehicles > 45 MPH : 491  
 Percent of Vehicles > 45 MPH : 6.1%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**WB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
08/21/13	0	0	1	1	4	10	7	3	1	0	0	0	0	0	27
01:00	0	0	0	0	2	4	3	1	1	0	0	0	0	0	11
02:00	0	0	0	0	1	3	4	1	0	1	1	0	0	0	11
03:00	0	0	0	0	1	0	6	1	3	0	0	1	0	0	12
04:00	0	0	0	1	1	17	8	3	1	0	0	0	0	0	31
05:00	1	0	0	2	6	23	41	14	4	0	0	0	0	0	91
06:00	6	0	0	1	15	84	106	17	3	0	0	0	0	0	232
07:00	1	0	0	7	45	137	119	19	2	0	0	0	0	0	330
08:00	9	0	1	5	31	109	98	14	2	0	0	0	0	0	269
09:00	3	1	0	12	19	66	59	7	4	0	0	1	0	0	172
10:00	2	0	1	6	10	50	72	18	2	0	0	0	0	0	161
11:00	0	0	2	7	13	63	72	17	0	0	0	0	0	0	174
12 PM	4	0	1	2	21	59	50	28	6	0	0	0	0	0	171
13:00	7	0	1	2	29	56	66	9	4	0	1	0	0	0	175
14:00	12	0	0	16	55	95	38	6	0	0	0	0	0	0	222
15:00	9	1	1	13	47	122	68	9	1	1	2	0	0	0	274
16:00	15	0	4	8	50	153	95	12	2	0	0	1	0	0	340
17:00	7	0	2	7	39	124	137	21	0	0	0	0	0	0	337
18:00	7	0	0	6	34	100	92	15	2	0	0	0	0	0	256
19:00	1	0	0	5	21	80	73	4	2	0	0	0	0	0	186
20:00	0	0	0	3	36	66	34	6	0	0	0	0	0	0	145
21:00	1	0	0	6	23	54	39	1	2	0	0	0	0	0	126
22:00	1	0	1	6	20	38	24	6	2	1	0	0	0	0	99
23:00	1	1	1	3	3	21	21	6	1	0	0	0	0	0	58
Total	87	3	16	119	526	1534	1332	238	45	3	4	3	0	0	3910

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 44 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 2574  
 Percent in Pace : 65.8%  
 Number of Vehicles > 45 MPH : 293  
 Percent of Vehicles > 45 MPH : 7.5%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**WB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	0	1	5	4	3	2	1	1	0	0	0	0	17
01:00	0	0	0	0	2	2	10	4	0	0	0	0	0	0	18
02:00	0	0	0	0	1	1	2	1	0	0	0	0	0	0	5
03:00	0	0	0	0	0	1	5	3	2	0	0	0	0	0	11
04:00	0	0	1	0	10	13	17	2	0	0	0	0	0	0	43
05:00	0	0	1	3	9	35	25	8	4	0	0	0	0	0	85
06:00	4	0	0	0	13	87	108	13	1	0	0	0	0	0	226
07:00	7	0	0	3	38	147	127	17	4	0	0	0	0	0	343
08:00	9	1	4	6	44	98	104	22	0	0	0	0	0	0	288
09:00	4	0	0	5	27	64	66	9	0	1	0	0	0	0	176
10:00	9	0	1	4	35	66	56	14	4	0	0	0	0	0	189
11:00	2	0	0	5	9	42	80	17	1	0	0	0	0	0	156
12 PM	3	0	1	8	26	73	51	11	0	0	0	0	0	0	173
13:00	6	0	1	9	28	64	56	5	0	0	0	0	0	0	169
14:00	2	3	2	14	62	71	57	9	0	0	0	0	0	0	220
15:00	3	1	0	5	29	138	90	8	2	0	0	0	0	0	276
16:00	16	0	5	15	46	150	97	6	0	0	0	0	0	0	335
17:00	9	0	0	11	41	168	123	12	2	0	0	0	0	0	366
18:00	6	0	1	4	25	70	97	11	2	0	0	0	0	0	216
19:00	4	0	1	3	20	63	57	14	2	1	0	0	0	0	165
20:00	3	0	0	7	24	46	36	9	2	0	0	0	0	0	127
21:00	0	0	0	3	16	32	31	6	1	0	0	0	0	0	89
22:00	0	0	0	2	23	45	28	3	4	1	0	0	0	0	106
23:00	0	0	0	0	6	26	31	1	1	0	0	0	0	0	65
<b>Total</b>	<b>87</b>	<b>5</b>	<b>18</b>	<b>108</b>	<b>539</b>	<b>1506</b>	<b>1357</b>	<b>207</b>	<b>33</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3864</b>

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 2567  
 Percent in Pace : 66.4%  
 Number of Vehicles > 45 MPH : 244  
 Percent of Vehicles > 45 MPH : 6.3%

<b>Grand Total</b>	<b>174</b>	<b>8</b>	<b>34</b>	<b>227</b>	<b>1065</b>	<b>3040</b>	<b>2689</b>	<b>445</b>	<b>78</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>7774</b>
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Overall  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 5141  
 Percent in Pace : 66.1%  
 Number of Vehicles > 45 MPH : 537  
 Percent of Vehicles > 45 MPH : 6.9%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**EB, WB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
08/21/13	0	0	1	2	8	20	12	3	1	1	0	0	0	0	48
01:00	0	0	0	0	7	10	9	4	1	1	0	0	0	0	32
02:00	0	0	0	0	2	4	7	3	0	1	1	0	0	0	18
03:00	1	0	0	1	4	5	12	3	3	0	0	1	0	0	30
04:00	0	0	0	3	3	35	18	5	2	0	0	0	0	0	66
05:00	2	0	1	3	24	63	63	19	4	0	2	0	0	0	181
06:00	17	0	0	4	39	174	178	32	6	0	0	0	0	0	450
07:00	5	0	0	9	76	244	214	32	9	0	0	0	0	0	589
08:00	17	0	2	10	81	203	166	27	2	0	0	0	0	0	508
09:00	6	2	0	17	63	151	93	9	7	0	0	1	0	0	349
10:00	5	0	3	14	66	102	108	22	6	0	0	0	0	0	326
11:00	1	0	3	13	65	131	118	25	1	0	0	0	0	0	357
12 PM	6	0	1	11	65	147	98	37	8	0	0	0	0	0	373
13:00	10	0	2	10	79	162	108	20	4	1	1	0	0	0	397
14:00	25	0	6	49	150	187	73	18	4	0	0	0	0	0	512
15:00	22	1	4	22	94	254	147	28	3	2	3	0	0	0	580
16:00	33	0	4	15	138	343	205	32	3	2	0	1	0	0	776
17:00	23	0	2	15	113	281	256	40	3	0	0	0	0	0	733
18:00	15	0	1	9	75	233	175	28	4	0	0	0	0	0	540
19:00	3	0	0	11	64	155	113	11	3	0	0	0	0	0	360
20:00	2	0	2	12	73	128	67	12	1	0	1	0	0	0	298
21:00	2	0	4	9	56	93	58	3	2	0	0	0	0	0	227
22:00	4	0	1	9	40	73	41	8	2	1	0	0	0	0	179
23:00	2	1	1	6	14	42	35	11	1	0	0	0	0	0	113
Total	201	4	38	254	1399	3240	2374	432	80	9	8	3	0	0	8042

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 5163  
 Percent in Pace : 64.2%  
 Number of Vehicles > 45 MPH : 532  
 Percent of Vehicles > 45 MPH : 6.6%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**EB, WB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
08/22/13	0	0	0	2	8	12	9	5	2	1	0	0	0	0	39
01:00	0	0	0	0	3	10	14	7	0	0	0	0	0	0	34
02:00	0	0	0	0	1	3	2	2	0	0	0	0	0	0	8
03:00	0	0	0	0	0	3	8	4	2	0	0	0	0	0	17
04:00	0	0	1	0	16	24	24	5	0	0	0	0	0	0	70
05:00	1	0	1	4	26	71	47	13	6	0	0	0	0	0	169
06:00	9	0	2	2	37	167	175	30	4	1	0	0	0	0	427
07:00	20	0	0	5	80	231	195	38	7	1	2	0	0	0	579
08:00	17	1	4	12	78	205	174	35	2	0	0	0	0	0	528
09:00	7	0	0	8	62	149	119	12	0	1	0	0	0	0	358
10:00	18	0	2	15	82	131	93	23	5	0	0	0	0	0	369
11:00	5	0	2	18	48	108	111	23	3	1	0	0	0	0	319
12 PM	8	0	1	17	75	166	104	17	2	0	0	0	0	0	390
13:00	7	0	1	24	72	146	107	17	1	0	0	0	0	0	375
14:00	5	3	3	25	121	164	114	18	0	0	0	0	0	0	453
15:00	9	2	1	21	75	253	181	24	4	0	0	0	0	0	570
16:00	30	0	6	24	107	320	205	26	6	1	1	0	0	0	726
17:00	24	0	0	22	105	323	232	35	5	0	0	0	0	1	747
18:00	10	0	1	10	65	170	196	27	3	0	0	0	0	0	482
19:00	9	0	2	12	56	135	103	20	3	1	0	0	0	0	341
20:00	5	1	4	16	61	95	77	15	3	1	0	0	0	0	278
21:00	0	1	0	7	38	90	51	12	2	1	0	0	0	0	202
22:00	1	0	0	5	48	73	50	4	4	1	1	1	0	0	188
23:00	0	0	0	5	14	43	41	2	2	0	0	0	0	0	107
<b>Total</b>	<b>185</b>	<b>8</b>	<b>31</b>	<b>254</b>	<b>1278</b>	<b>3092</b>	<b>2432</b>	<b>414</b>	<b>66</b>	<b>10</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>7776</b>

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 5041  
 Percent in Pace : 64.8%  
 Number of Vehicles > 45 MPH : 496  
 Percent of Vehicles > 45 MPH : 6.4%

<b>Grand Total</b>	<b>386</b>	<b>12</b>	<b>69</b>	<b>508</b>	<b>2677</b>	<b>6332</b>	<b>4806</b>	<b>846</b>	<b>146</b>	<b>19</b>	<b>12</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>15818</b>
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Overall  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 10205  
 Percent in Pace : 64.5%  
 Number of Vehicles > 45 MPH : 1028  
 Percent of Vehicles > 45 MPH : 6.5%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

EB

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	17	3	0	1	0	0	0	0	0	0	0	0	21	1
01:00	1	15	4	0	1	0	0	0	0	0	0	0	0	21	1
02:00	0	4	2	0	1	0	0	0	0	0	0	0	0	7	1
03:00	0	13	5	0	0	0	0	0	0	0	0	0	0	18	0
04:00	0	25	8	0	1	1	0	0	0	0	0	0	0	35	2
05:00	3	58	22	0	5	1	0	1	0	0	0	0	0	90	7
06:00	2	148	52	0	14	0	0	0	1	0	0	0	0	217	15
07:00	0	189	49	2	16	2	0	1	0	0	0	0	0	259	21
08:00	2	172	52	4	6	1	0	0	0	0	1	0	0	238	12
09:00	0	124	37	0	14	0	0	1	0	0	0	0	0	176	15
10:00	0	119	31	2	8	2	0	3	0	0	0	0	0	165	15
11:00	1	128	42	0	10	0	0	1	1	0	0	0	0	183	12
12 PM	2	150	29	2	17	1	0	0	0	0	0	0	0	201	20
13:00	0	152	43	3	20	0	0	2	1	0	0	0	0	221	26
14:00	0	202	63	2	16	1	0	1	3	0	0	0	0	288	23
15:00	2	196	82	1	24	0	0	1	0	0	0	0	0	306	26
16:00	6	311	90	0	26	0	0	0	0	0	0	0	0	433	26
17:00	2	281	86	0	24	0	0	2	0	0	0	0	0	395	26
18:00	0	223	54	0	7	0	0	0	0	0	0	0	0	284	7
19:00	2	138	32	0	2	0	0	0	0	0	0	0	0	174	2
20:00	8	111	32	0	1	0	0	0	0	0	0	0	0	152	1
21:00	0	75	26	0	0	0	0	0	0	0	0	0	0	101	0
22:00	0	56	20	0	3	0	0	0	0	0	0	0	0	79	3
23:00	1	47	7	0	0	0	0	0	0	0	0	0	0	55	0
Total	32	2954	871	16	217	9	0	13	6	0	1	0	0	4119	262
Percent	0.8%	71.7%	21.1%	0.4%	5.3%	0.2%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%		6.4%
AM Peak	05:00	07:00	06:00	08:00	07:00	07:00		10:00	06:00		08:00			07:00	07:00
Vol.	3	189	52	4	16	2		3	1		1			259	21
PM Peak	20:00	16:00	16:00	13:00	16:00	12:00		13:00	14:00					16:00	13:00
Vol.	8	311	90	3	26	1		2	3					433	26



**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**EB**

Start Time	Bikes	Cars & Trailer	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
08/22/13	1	18	3	0	0	0	0	0	0	0	0	0	0	22	0
01:00	0	15	1	0	0	0	0	0	0	0	0	0	0	16	0
02:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3	1
03:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6	0
04:00	1	18	5	1	0	0	0	2	0	0	0	0	0	27	3
05:00	1	50	27	1	5	0	0	0	0	0	0	0	0	84	6
06:00	1	134	51	1	12	0	0	0	1	0	0	0	0	200	14
07:00	1	169	50	2	10	0	0	0	2	0	1	0	0	235	15
08:00	2	173	46	2	12	2	0	1	1	0	0	0	0	239	18
09:00	1	129	38	4	8	1	0	1	0	0	0	0	0	182	14
10:00	1	121	44	1	9	2	0	0	1	0	0	0	0	179	13
11:00	0	112	34	3	11	1	0	0	0	0	0	1	0	162	16
12 PM	1	152	48	1	10	1	0	1	1	0	0	0	0	215	14
13:00	0	161	34	1	8	1	0	0	1	0	0	0	0	206	11
14:00	1	174	48	0	6	0	0	0	4	0	0	0	0	233	10
15:00	1	195	80	0	13	2	0	2	0	0	0	0	0	293	17
16:00	2	261	107	1	14	0	0	3	0	0	0	0	0	388	18
17:00	3	273	77	0	25	1	0	1	1	0	0	0	0	381	28
18:00	0	202	45	0	16	0	0	2	0	0	0	0	0	265	18
19:00	3	127	36	1	8	1	0	0	0	0	0	0	0	176	10
20:00	1	117	27	0	6	0	0	0	0	0	0	0	0	151	6
21:00	1	86	20	0	5	0	0	0	1	0	0	0	0	113	6
22:00	2	63	17	0	0	0	0	0	0	0	0	0	0	82	0
23:00	0	34	8	0	0	0	0	0	0	0	0	0	0	42	0
<b>Total</b>	<b>24</b>	<b>2790</b>	<b>848</b>	<b>19</b>	<b>179</b>	<b>12</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3900</b>	<b>238</b>
<b>Percent</b>	<b>0.6%</b>	<b>71.5%</b>	<b>21.7%</b>	<b>0.5%</b>	<b>4.6%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>6.1%</b>
<b>AM Peak</b>	<b>08:00</b>	<b>08:00</b>	<b>06:00</b>	<b>09:00</b>	<b>06:00</b>	<b>08:00</b>		<b>04:00</b>	<b>07:00</b>		<b>07:00</b>	<b>11:00</b>		<b>08:00</b>	<b>08:00</b>
<b>Vol.</b>	<b>2</b>	<b>173</b>	<b>51</b>	<b>4</b>	<b>12</b>	<b>2</b>		<b>2</b>	<b>2</b>		<b>1</b>	<b>1</b>		<b>239</b>	<b>18</b>
<b>PM Peak</b>	<b>17:00</b>	<b>17:00</b>	<b>16:00</b>	<b>12:00</b>	<b>17:00</b>	<b>15:00</b>		<b>16:00</b>	<b>14:00</b>					<b>16:00</b>	<b>17:00</b>
<b>Vol.</b>	<b>3</b>	<b>273</b>	<b>107</b>	<b>1</b>	<b>25</b>	<b>2</b>		<b>3</b>	<b>4</b>					<b>388</b>	<b>28</b>
<b>Grand Total</b>	<b>56</b>	<b>5744</b>	<b>1719</b>	<b>35</b>	<b>396</b>	<b>21</b>	<b>0</b>	<b>26</b>	<b>19</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>8019</b>	<b>500</b>
<b>Percent</b>	<b>0.7%</b>	<b>71.6%</b>	<b>21.4%</b>	<b>0.4%</b>	<b>4.9%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>6.2%</b>

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

WB

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	21	6	0	0	0	0	0	0	0	0	0	0	27	0
01:00	0	7	4	0	0	0	0	0	0	0	0	0	0	11	0
02:00	0	11	0	0	0	0	0	0	0	0	0	0	0	11	0
03:00	0	10	1	0	1	0	0	0	0	0	0	0	0	12	1
04:00	0	21	8	0	1	0	0	1	0	0	0	0	0	31	2
05:00	3	44	32	0	10	1	0	0	1	0	0	0	0	91	12
06:00	1	145	66	3	15	1	0	0	0	0	0	0	0	231	19
07:00	5	248	58	1	14	3	0	1	0	0	0	0	0	330	19
08:00	2	199	47	1	15	1	0	3	1	0	0	0	0	269	21
09:00	1	120	32	0	14	1	0	3	0	0	0	0	0	171	18
10:00	0	124	25	1	8	3	0	0	0	0	0	0	0	161	12
11:00	1	127	31	0	13	1	0	0	1	0	0	0	0	174	15
12 PM	4	120	32	2	8	1	0	2	0	0	0	0	0	169	13
13:00	2	128	27	2	12	0	0	2	0	0	0	0	0	173	16
14:00	2	148	60	2	8	0	0	1	0	0	0	0	0	221	11
15:00	3	202	48	0	13	0	0	3	4	0	0	0	0	273	20
16:00	6	229	86	0	15	0	0	2	1	0	0	0	0	339	18
17:00	6	247	66	0	15	1	0	1	0	0	0	0	0	336	17
18:00	7	190	44	0	14	0	0	0	0	0	0	0	0	255	14
19:00	2	132	46	0	6	0	0	0	0	0	0	0	0	186	6
20:00	0	118	23	0	1	0	0	3	0	0	0	0	0	145	4
21:00	1	102	16	1	6	0	0	0	0	0	0	0	0	126	7
22:00	2	79	16	1	1	0	0	0	0	0	0	0	0	99	2
23:00	1	51	6	0	0	0	0	0	0	0	0	0	0	58	0
Total	49	2823	780	14	190	13	0	22	8	0	0	0	0	3899	247
Percent	1.3%	72.4%	20.0%	0.4%	4.9%	0.3%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%		6.3%
AM Peak	07:00	07:00	06:00	06:00	06:00	07:00		08:00	05:00					07:00	08:00
Vol.	5	248	66	3	15	3		3	1					330	21
PM Peak	18:00	17:00	16:00	12:00	16:00	12:00		15:00	15:00					16:00	15:00
Vol.	7	247	86	2	15	1		3	4					339	20

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

WB

Start Time	Bikes	Cars & Trailer	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
08/22/13	0	13	4	0	0	0	0	0	0	0	0	0	0	17	0
01:00	0	16	2	0	0	0	0	0	0	0	0	0	0	18	0
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5	0
03:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11	0
04:00	1	26	9	0	6	0	0	0	1	0	0	0	0	43	7
05:00	2	44	29	0	6	0	0	2	2	0	0	0	0	85	10
06:00	2	141	63	1	19	0	0	0	0	0	0	0	0	226	20
07:00	2	246	70	3	17	2	0	1	2	0	0	0	0	343	25
08:00	1	202	61	2	15	1	0	2	3	0	0	0	0	287	23
09:00	1	124	37	1	12	0	0	0	0	0	0	0	0	175	13
10:00	1	134	44	0	7	1	0	0	1	0	0	0	0	188	9
11:00	0	104	41	2	8	1	0	0	0	0	0	0	0	156	11
12 PM	0	128	39	0	2	1	0	2	1	0	0	0	0	173	6
13:00	2	138	17	3	8	0	0	1	0	0	0	0	0	169	12
14:00	1	154	52	2	8	1	0	1	0	0	0	0	0	219	12
15:00	0	191	71	1	10	0	0	1	1	0	0	0	0	275	13
16:00	3	242	70	1	14	1	0	2	0	0	0	0	0	333	18
17:00	4	273	65	2	17	1	0	3	1	0	0	0	0	366	24
18:00	2	152	48	0	12	1	0	0	0	0	0	0	0	215	13
19:00	1	120	36	0	6	1	0	0	0	0	0	0	0	164	7
20:00	3	99	19	0	5	0	0	0	0	0	0	0	0	126	5
21:00	1	72	13	0	3	0	0	0	0	0	0	0	0	89	3
22:00	2	85	17	0	2	0	0	0	0	0	0	0	0	106	2
23:00	0	54	10	0	1	0	0	0	0	0	0	0	0	65	1
Total	29	2770	821	18	178	11	0	15	12	0	0	0	0	3854	234
Percent	0.8%	71.9%	21.3%	0.5%	4.6%	0.3%	0.0%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%		6.1%
AM Peak	05:00	07:00	07:00	07:00	06:00	07:00		05:00	08:00					07:00	07:00
Vol.	2	246	70	3	19	2		2	3					343	25
PM Peak	17:00	17:00	15:00	13:00	17:00	12:00		17:00	12:00					17:00	17:00
Vol.	4	273	71	3	17	1		3	1					366	24
Grand Total	78	5593	1601	32	368	24	0	37	20	0	0	0	0	7753	481
Percent	1.0%	72.1%	20.7%	0.4%	4.7%	0.3%	0.0%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%		6.2%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**EB, WB**

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	38	9	0	1	0	0	0	0	0	0	0	0	48	1
01:00	1	22	8	0	1	0	0	0	0	0	0	0	0	32	1
02:00	0	15	2	0	1	0	0	0	0	0	0	0	0	18	1
03:00	0	23	6	0	1	0	0	0	0	0	0	0	0	30	1
04:00	0	46	16	0	2	1	0	1	0	0	0	0	0	66	4
05:00	6	102	54	0	15	2	0	1	1	0	0	0	0	181	19
06:00	3	293	118	3	29	1	0	0	1	0	0	0	0	448	34
07:00	5	437	107	3	30	5	0	2	0	0	0	0	0	589	40
08:00	4	371	99	5	21	2	0	3	1	0	1	0	0	507	33
09:00	1	244	69	0	28	1	0	4	0	0	0	0	0	347	33
10:00	0	243	56	3	16	5	0	3	0	0	0	0	0	326	27
11:00	2	255	73	0	23	1	0	1	2	0	0	0	0	357	27
12 PM	6	270	61	4	25	2	0	2	0	0	0	0	0	370	33
13:00	2	280	70	5	32	0	0	4	1	0	0	0	0	394	42
14:00	2	350	123	4	24	1	0	2	3	0	0	0	0	509	34
15:00	5	398	130	1	37	0	0	4	4	0	0	0	0	579	46
16:00	12	540	176	0	41	0	0	2	1	0	0	0	0	772	44
17:00	8	528	152	0	39	1	0	3	0	0	0	0	0	731	43
18:00	7	413	98	0	21	0	0	0	0	0	0	0	0	539	21
19:00	4	270	78	0	8	0	0	0	0	0	0	0	0	360	8
20:00	8	229	55	0	2	0	0	3	0	0	0	0	0	297	5
21:00	1	177	42	1	6	0	0	0	0	0	0	0	0	227	7
22:00	2	135	36	1	4	0	0	0	0	0	0	0	0	178	5
23:00	2	98	13	0	0	0	0	0	0	0	0	0	0	113	0
Total	81	5777	1651	30	407	22	0	35	14	0	1	0	0	8018	509
Percent	1.0%	72.1%	20.6%	0.4%	5.1%	0.3%	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%		6.3%
AM Peak	05:00	07:00	06:00	08:00	07:00	07:00		09:00	11:00		08:00			07:00	07:00
Vol.	6	437	118	5	30	5		4	2		1			589	40
PM Peak	16:00	16:00	16:00	13:00	16:00	12:00		13:00	15:00					16:00	15:00
Vol.	12	540	176	5	41	2		4	4					772	46

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U6  
 Recorder #: 13209  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 Chestnut St, at Abington T/L

**EB, WB**

Start Time	Bikes	Cars & Trailer	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
08/22/13	1	31	7	0	0	0	0	0	0	0	0	0	0	39	0
01:00	0	31	3	0	0	0	0	0	0	0	0	0	0	34	0
02:00	0	5	2	0	1	0	0	0	0	0	0	0	0	8	1
03:00	0	13	4	0	0	0	0	0	0	0	0	0	0	17	0
04:00	2	44	14	1	6	0	0	2	1	0	0	0	0	70	10
05:00	3	94	56	1	11	0	0	2	2	0	0	0	0	169	16
06:00	3	275	114	2	31	0	0	0	1	0	0	0	0	426	34
07:00	3	415	120	5	27	2	0	1	4	0	1	0	0	578	40
08:00	3	375	107	4	27	3	0	3	4	0	0	0	0	526	41
09:00	2	253	75	5	20	1	0	1	0	0	0	0	0	357	27
10:00	2	255	88	1	16	3	0	0	2	0	0	0	0	367	22
11:00	0	216	75	5	19	2	0	0	0	0	0	1	0	318	27
12 PM	1	280	87	1	12	2	0	3	2	0	0	0	0	388	20
13:00	2	299	51	4	16	1	0	1	1	0	0	0	0	375	23
14:00	2	328	100	2	14	1	0	1	4	0	0	0	0	452	22
15:00	1	386	151	1	23	2	0	3	1	0	0	0	0	568	30
16:00	5	503	177	2	28	1	0	5	0	0	0	0	0	721	36
17:00	7	546	142	2	42	2	0	4	2	0	0	0	0	747	52
18:00	2	354	93	0	28	1	0	2	0	0	0	0	0	480	31
19:00	4	247	72	1	14	2	0	0	0	0	0	0	0	340	17
20:00	4	216	46	0	11	0	0	0	0	0	0	0	0	277	11
21:00	2	158	33	0	8	0	0	0	1	0	0	0	0	202	9
22:00	4	148	34	0	2	0	0	0	0	0	0	0	0	188	2
23:00	0	88	18	0	1	0	0	0	0	0	0	0	0	107	1
Total	53	5560	1669	37	357	23	0	28	25	0	1	1	0	7754	472
Percent	0.7%	71.7%	21.5%	0.5%	4.6%	0.3%	0.0%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%		6.1%
AM Peak	05:00	07:00	07:00	07:00	06:00	08:00		08:00	07:00		07:00	11:00		07:00	08:00
Vol.	3	415	120	5	31	3		3	4		1	1		578	41
PM Peak	17:00	17:00	16:00	13:00	17:00	12:00		16:00	14:00					17:00	17:00
Vol.	7	546	177	4	42	2		5	4					747	52
Grand Total	134	11337	3320	67	764	45	0	63	39	0	2	1	0	15772	981
Percent	0.8%	71.9%	21.0%	0.4%	4.8%	0.3%	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%		6.2%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

Start Time	19-Aug-13		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	17	30	12	28	*	*	*	*	*	*	14	29
01:00	*	*	*	*	11	17	11	11	*	*	*	*	*	*	11	14
02:00	*	*	*	*	12	1	9	8	*	*	*	*	*	*	10	4
03:00	*	*	*	*	6	6	7	9	*	*	*	*	*	*	6	8
04:00	*	*	*	*	44	12	44	7	*	*	*	*	*	*	44	10
05:00	*	*	*	*	158	17	151	26	*	*	*	*	*	*	154	22
06:00	*	*	*	*	254	61	265	59	*	*	*	*	*	*	260	60
07:00	*	*	*	*	261	101	282	103	*	*	*	*	*	*	272	102
08:00	*	*	*	*	241	95	238	122	*	*	*	*	*	*	240	108
09:00	*	*	*	*	170	95	157	100	*	*	*	*	*	*	164	98
10:00	*	*	*	*	148	107	133	95	*	*	*	*	*	*	140	101
11:00	*	*	*	*	134	133	150	122	*	*	*	*	*	*	142	128
12:00 PM	*	*	*	*	157	119	142	121	*	*	*	*	*	*	150	120
01:00	*	*	*	*	150	129	132	133	*	*	*	*	*	*	141	131
02:00	*	*	*	*	154	185	153	164	*	*	*	*	*	*	154	174
03:00	*	*	*	*	177	250	153	240	*	*	*	*	*	*	165	245
04:00	*	*	*	*	213	293	156	300	*	*	*	*	*	*	184	296
05:00	*	*	*	*	212	307	166	288	*	*	*	*	*	*	189	298
06:00	*	*	*	*	165	267	143	221	*	*	*	*	*	*	154	244
07:00	*	*	*	*	128	204	105	154	*	*	*	*	*	*	116	179
08:00	*	*	*	*	92	172	81	135	*	*	*	*	*	*	86	154
09:00	*	*	*	*	67	117	74	97	*	*	*	*	*	*	70	107
10:00	*	*	*	*	62	78	48	73	*	*	*	*	*	*	55	76
11:00	*	*	*	*	26	82	37	68	*	*	*	*	*	*	32	75
Total	0	0	0	0	3059	2878	2849	2684	0	0	0	0	0	0	2953	2783
Day	0	0	0	0	5937	5533	5533	5533	0	0	0	0	0	0	5736	5736
AM Peak	-	-	-	-	07:00	11:00	07:00	08:00	-	-	-	-	-	-	07:00	11:00
Vol.	-	-	-	-	261	133	282	122	-	-	-	-	-	-	272	128
PM Peak	-	-	-	-	16:00	17:00	17:00	16:00	-	-	-	-	-	-	17:00	17:00
Vol.	-	-	-	-	213	307	166	300	-	-	-	-	-	-	189	298

Comb. Total                      0                      0                      5937                      5533                      0                      0                      0                      5736

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

Start Time	21-Aug-13		NB		SB		Combined		22-Aug	NB		SB		Combined	
	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		Thu	A.M.	P.M.	A.M.	P.M.	A.M.
12:00			4	39	9	34	13	73		3	38	8	34	11	72
12:15			5	39	10	33	15	72		3	32	10	26	13	58
12:30			3	49	9	31	12	80		2	36	8	32	10	68
12:45			5	30	2	21	7	51		4	36	2	29	6	65
01:00			3	33	7	35	10	68		2	31	2	30	4	61
01:15			6	36	2	29	8	65		4	27	7	38	11	65
01:30			1	38	4	31	5	69		4	40	1	34	5	74
01:45			1	43	4	34	5	77		1	34	1	31	2	65
02:00			3	40	0	43	3	83		3	32	2	34	5	66
02:15			2	45	1	55	3	100		3	36	2	38	5	74
02:30			3	38	0	46	3	84		2	43	3	45	5	88
02:45			4	31	0	41	4	72		1	42	1	47	2	89
03:00			1	45	1	53	2	98		1	35	3	49	4	84
03:15			2	43	1	69	3	112		0	44	2	57	2	101
03:30			2	51	2	59	4	110		4	34	2	61	6	95
03:45			1	38	2	69	3	107		2	40	2	73	4	113
04:00			6	52	2	62	8	114		4	34	1	70	5	104
04:15			5	44	1	80	6	124		9	29	2	89	11	118
04:30			14	60	4	78	18	138		7	52	1	64	8	116
04:45			19	57	5	73	24	130		24	41	3	77	27	118
05:00			25	51	4	92	29	143		24	35	7	72	31	107
05:15			35	48	6	81	41	129		32	44	6	77	38	121
05:30			46	53	4	69	50	122		42	48	8	69	50	117
05:45			52	60	3	65	55	125		53	39	5	70	58	109
06:00			49	38	7	78	56	116		48	39	12	66	60	105
06:15			59	51	18	64	77	115		63	34	6	58	69	92
06:30			78	37	11	72	89	109		81	33	12	61	93	94
06:45			68	39	25	53	93	92		73	37	29	36	102	73
07:00			77	39	16	54	93	93		80	36	22	39	102	75
07:15			71	29	33	46	104	75		68	22	29	37	97	59
07:30			67	33	26	53	93	86		67	32	25	40	92	72
07:45			46	27	26	51	72	78		67	15	27	38	94	53
08:00			71	24	24	42	95	66		59	18	30	37	89	55
08:15			66	27	14	51	80	78		62	22	33	30	95	52
08:30			58	27	34	35	92	62		63	16	29	36	92	52
08:45			46	14	23	44	69	58		54	25	30	32	84	57
09:00			52	13	24	29	76	42		44	23	28	30	72	53
09:15			45	17	24	32	69	49		35	16	20	28	55	44
09:30			48	11	29	26	77	37		46	15	35	21	81	36
09:45			25	26	18	30	43	56		32	20	17	18	49	38
10:00			37	19	29	29	66	48		36	13	25	21	61	34
10:15			37	11	18	17	55	28		43	11	25	27	68	38
10:30			36	18	28	14	64	32		24	13	20	15	44	28
10:45			38	14	32	18	70	32		30	11	25	10	55	21
11:00			37	6	31	26	68	32		35	12	30	9	65	21
11:15			27	6	34	26	61	32		39	12	28	28	67	40
11:30			33	7	35	16	68	23		35	7	34	15	69	22
11:45			37	7	33	14	70	21		41	6	30	16	71	22
Total			1456	1603	675	2203	2131	3806		1459	1390	690	1994	2149	3384
Day Total			3059		2878		5937			2849		2684		5533	
% Total			24.5%	27.0%	11.4%	37.1%				26.4%	25.1%	12.5%	36.0%		
Peak	-		06:30	04:30	11:00	04:30	06:45	04:30	-	06:30	04:30	08:00	04:15	06:30	04:45
Vol.	-		294	216	133	324	383	540	-	302	172	122	302	394	463
P.H.F.			0.942	0.900	0.950	0.880	0.921	0.944		0.932	0.827	0.924	0.848	0.966	0.957

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

Start Time	19-Aug-13 Mon	20-Aug-13 Tue	21-Aug-13 Wed	22-Aug-13 Thu	23-Aug-13 Fri	24-Aug-13 Sat	25-Aug-13 Sun	Week Average
12:00 AM	*	*	47	40	*	*	*	44
01:00	*	*	28	22	*	*	*	25
02:00	*	*	13	17	*	*	*	15
03:00	*	*	12	16	*	*	*	14
04:00	*	*	56	51	*	*	*	54
05:00	*	*	175	177	*	*	*	176
06:00	*	*	315	324	*	*	*	320
07:00	*	*	<b>362</b>	<b>385</b>	*	*	*	<b>374</b>
08:00	*	*	336	360	*	*	*	348
09:00	*	*	265	257	*	*	*	261
10:00	*	*	255	228	*	*	*	242
11:00	*	*	267	272	*	*	*	270
12:00 PM	*	*	276	263	*	*	*	270
01:00	*	*	279	265	*	*	*	272
02:00	*	*	339	317	*	*	*	328
03:00	*	*	427	393	*	*	*	410
04:00	*	*	506	<b>456</b>	*	*	*	481
05:00	*	*	<b>519</b>	454	*	*	*	<b>486</b>
06:00	*	*	432	364	*	*	*	398
07:00	*	*	332	259	*	*	*	296
08:00	*	*	264	216	*	*	*	240
09:00	*	*	184	171	*	*	*	178
10:00	*	*	140	121	*	*	*	130
11:00	*	*	108	105	*	*	*	106
Total	0	0	5937	5533	0	0	0	5738
Percentage	0.0%	0.0%	103.5%	96.4%	0.0%	0.0%	0.0%	
AM Peak	-	-	07:00	07:00	-	-	-	07:00
Vol.	-	-	362	385	-	-	-	374
PM Peak	-	-	17:00	16:00	-	-	-	17:00
Vol.	-	-	519	456	-	-	-	486



Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

**NB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/21/13	0	0	0	1	1	4	4	6	1	0	0	0	0	0	17
01:00	0	0	0	0	0	2	5	2	1	1	0	0	0	0	11
02:00	0	0	1	0	0	0	5	6	0	0	0	0	0	0	12
03:00	0	0	0	1	0	0	2	2	0	0	0	1	0	0	6
04:00	0	0	1	1	1	4	14	12	10	1	0	0	0	0	44
05:00	0	0	1	3	3	16	42	67	22	4	0	0	0	0	158
06:00	2	0	0	1	8	30	102	84	23	3	1	0	0	0	254
07:00	4	0	0	3	6	31	120	79	17	1	0	0	0	0	261
08:00	1	0	0	10	9	48	101	58	12	2	0	0	0	0	241
09:00	1	0	3	4	13	25	82	34	8	0	0	0	0	0	170
10:00	0	0	1	2	11	24	66	38	6	0	0	0	0	0	148
11:00	0	1	2	0	5	23	55	39	8	1	0	0	0	0	134
12 PM	0	0	1	4	6	30	69	38	8	1	0	0	0	0	157
13:00	1	1	0	4	7	34	54	40	9	0	0	0	0	0	150
14:00	5	0	0	0	3	42	55	33	14	2	0	0	0	0	154
15:00	6	0	1	6	5	27	83	42	6	0	0	0	0	1	177
16:00	3	0	1	1	8	38	99	55	8	0	0	0	0	0	213
17:00	4	1	1	3	8	33	98	53	10	0	0	0	0	1	212
18:00	6	0	1	3	5	25	74	38	11	2	0	0	0	0	165
19:00	2	0	1	3	7	32	59	20	1	3	0	0	0	0	128
20:00	3	1	1	1	8	22	35	18	3	0	0	0	0	0	92
21:00	1	0	0	3	2	20	24	11	3	3	0	0	0	0	67
22:00	1	0	0	2	3	9	30	17	0	0	0	0	0	0	62
23:00	0	0	0	0	1	5	9	6	2	3	0	0	0	0	26
<b>Total</b>	<b>40</b>	<b>4</b>	<b>16</b>	<b>56</b>	<b>120</b>	<b>524</b>	<b>1287</b>	<b>798</b>	<b>183</b>	<b>27</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3059</b>

Daily  
 15th Percentile : 36 MPH  
 50th Percentile : 42 MPH  
 85th Percentile : 48 MPH  
 95th Percentile : 51 MPH

Mean Speed(Average) : 43 MPH  
 10 MPH Pace Speed : 39-48 MPH  
 Number in Pace : 1954  
 Percent in Pace : 63.9%  
 Number of Vehicles > 30 MPH : 2943  
 Percent of Vehicles > 30 MPH : 96.3%

**Old Colony Planning Council**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

**NB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	1	0	2	2	3	3	1	0	0	0	0	0	12
01:00	0	0	0	0	0	3	2	4	1	1	0	0	0	0	11
02:00	0	0	0	0	0	2	5	1	1	0	0	0	0	0	9
03:00	0	0	0	0	0	1	2	1	2	1	0	0	0	0	7
04:00	0	0	1	1	0	4	23	12	3	0	0	0	0	0	44
05:00	0	0	2	2	3	12	57	50	23	2	0	0	0	0	151
06:00	0	0	0	3	7	31	116	81	22	5	0	0	0	0	265
07:00	0	0	2	6	9	40	123	73	28	1	0	0	0	0	282
08:00	6	0	1	3	12	45	99	52	20	0	0	0	0	0	238
09:00	4	1	2	4	12	33	60	33	7	1	0	0	0	0	157
10:00	2	0	0	2	9	27	53	32	5	1	2	0	0	0	133
11:00	1	0	2	1	13	24	62	42	3	2	0	0	0	0	150
12 PM	1	1	2	3	5	32	60	29	7	2	0	0	0	0	142
13:00	1	0	0	3	8	19	58	37	4	2	0	0	0	0	132
14:00	9	0	0	3	4	39	54	37	6	1	0	0	0	0	153
15:00	2	0	2	2	7	35	61	38	6	0	0	0	0	0	153
16:00	3	0	2	1	6	31	59	46	6	2	0	0	0	0	156
17:00	4	0	0	2	11	25	71	42	10	0	1	0	0	0	166
18:00	4	0	1	4	7	27	55	32	10	1	1	0	1	0	143
19:00	0	0	1	5	5	20	42	24	6	2	0	0	0	0	105
20:00	2	0	0	2	5	20	33	16	3	0	0	0	0	0	81
21:00	0	1	2	3	3	15	37	12	1	0	0	0	0	0	74
22:00	1	0	0	3	3	13	15	10	2	0	0	1	0	0	48
23:00	0	0	0	0	0	8	16	11	1	1	0	0	0	0	37
<b>Total</b>	<b>40</b>	<b>3</b>	<b>21</b>	<b>53</b>	<b>131</b>	<b>508</b>	<b>1166</b>	<b>718</b>	<b>178</b>	<b>25</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2849</b>

Daily  
 15th Percentile : 36 MPH  
 50th Percentile : 42 MPH  
 85th Percentile : 48 MPH  
 95th Percentile : 51 MPH

Mean Speed(Average) : 42 MPH  
 10 MPH Pace Speed : 39-48 MPH  
 Number in Pace : 1779  
 Percent in Pace : 62.4%  
 Number of Vehicles > 30 MPH : 2732  
 Percent of Vehicles > 30 MPH : 95.9%

<b>Grand Total</b>	<b>80</b>	<b>7</b>	<b>37</b>	<b>109</b>	<b>251</b>	<b>1032</b>	<b>2453</b>	<b>1516</b>	<b>361</b>	<b>52</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5908</b>
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Overall  
 15th Percentile : 36 MPH  
 50th Percentile : 42 MPH  
 85th Percentile : 48 MPH  
 95th Percentile : 51 MPH

Mean Speed(Average) : 42 MPH  
 10 MPH Pace Speed : 39-48 MPH  
 Number in Pace : 3733  
 Percent in Pace : 63.2%  
 Number of Vehicles > 30 MPH : 5675  
 Percent of Vehicles > 30 MPH : 96.1%

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
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Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

**SB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/21/13	0	0	0	1	4	13	9	2	1	0	0	0	0	0	30
01:00	0	0	0	0	5	10	1	1	0	0	0	0	0	0	17
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	4	1	1	0	0	0	0	0	0	6
04:00	0	0	0	1	3	2	5	0	0	1	0	0	0	0	12
05:00	0	0	0	1	3	5	5	1	1	1	0	0	0	0	17
06:00	0	0	0	4	4	28	13	10	2	0	0	0	0	0	61
07:00	3	1	3	6	17	23	33	13	2	0	0	0	0	0	101
08:00	1	0	0	1	12	40	29	10	2	0	0	0	0	0	95
09:00	3	0	1	4	16	40	26	4	0	1	0	0	0	0	95
10:00	0	0	1	1	21	39	34	9	2	0	0	0	0	0	107
11:00	1	0	0	1	16	60	43	10	2	0	0	0	0	0	133
12 PM	3	1	1	3	17	52	30	10	1	1	0	0	0	0	119
13:00	2	1	0	2	32	59	20	6	2	1	2	1	0	1	129
14:00	2	0	2	4	43	86	41	6	1	0	0	0	0	0	185
15:00	2	0	1	3	23	114	85	17	3	1	1	0	0	0	250
16:00	2	2	1	6	40	120	100	21	0	1	0	0	0	0	293
17:00	2	0	3	13	52	123	85	25	2	2	0	0	0	0	307
18:00	3	1	1	22	58	110	56	14	2	0	0	0	0	0	267
19:00	4	0	0	8	22	109	47	13	1	0	0	0	0	0	204
20:00	1	0	4	19	52	68	24	3	1	0	0	0	0	0	172
21:00	1	0	0	5	47	36	24	2	1	0	0	0	1	0	117
22:00	0	0	2	5	22	29	18	0	2	0	0	0	0	0	78
23:00	0	0	1	4	12	41	18	5	1	0	0	0	0	0	82
Total	30	6	22	114	521	1211	747	183	29	9	3	1	1	1	2878

Daily

15th Percentile :	32 MPH
50th Percentile :	38 MPH
85th Percentile :	43 MPH
95th Percentile :	47 MPH

Mean Speed(Average) :	38 MPH
10 MPH Pace Speed :	34-43 MPH
Number in Pace :	1850
Percent in Pace :	64.3%
Number of Vehicles > 30 MPH :	2706
Percent of Vehicles > 30 MPH :	94.1%

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

**Old Colony Planning Council**  
**70 School Street**  
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Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

**SB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	0	1	4	9	13	1	0	0	0	0	0	0	28
01:00	0	0	0	0	6	3	0	1	1	0	0	0	0	0	11
02:00	0	0	0	0	2	3	2	1	0	0	0	0	0	0	8
03:00	0	0	0	0	1	3	1	2	1	1	0	0	0	0	9
04:00	0	0	0	0	1	4	0	1	1	0	0	0	0	0	7
05:00	0	0	0	1	5	6	9	4	0	1	0	0	0	0	26
06:00	2	0	0	1	6	18	23	5	4	0	0	0	0	0	59
07:00	3	0	1	4	13	27	40	12	3	0	0	0	0	0	103
08:00	5	0	0	5	15	50	40	7	0	0	0	0	0	0	122
09:00	6	0	0	0	16	42	26	7	2	0	1	0	0	0	100
10:00	1	0	0	6	16	36	31	2	2	1	0	0	0	0	95
11:00	1	0	0	2	18	55	33	10	3	0	0	0	0	0	122
12 PM	0	1	0	3	43	37	25	9	2	1	0	0	0	0	121
13:00	2	0	0	6	27	54	32	10	2	0	0	0	0	0	133
14:00	7	1	4	10	30	65	37	8	2	0	0	0	0	0	164
15:00	3	1	0	4	34	100	75	19	4	0	0	0	0	0	240
16:00	5	0	2	4	44	138	78	24	4	0	1	0	0	0	300
17:00	5	0	0	6	54	137	73	12	0	1	0	0	0	0	288
18:00	5	0	1	4	51	78	65	17	0	0	0	0	0	0	221
19:00	0	0	1	18	26	64	35	10	0	0	0	0	0	0	154
20:00	2	0	1	6	29	71	18	8	0	0	0	0	0	0	135
21:00	0	0	0	4	28	40	18	5	1	0	1	0	0	0	97
22:00	1	0	1	2	19	33	15	2	0	0	0	0	0	0	73
23:00	0	0	1	3	12	28	18	4	2	0	0	0	0	0	68
<b>Total</b>	<b>48</b>	<b>3</b>	<b>12</b>	<b>90</b>	<b>500</b>	<b>1101</b>	<b>707</b>	<b>181</b>	<b>34</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2684</b>

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 47 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 1700  
 Percent in Pace : 63.3%  
 Number of Vehicles > 30 MPH : 2531  
 Percent of Vehicles > 30 MPH : 94.3%

<b>Grand Total</b>	<b>78</b>	<b>9</b>	<b>34</b>	<b>204</b>	<b>1021</b>	<b>2312</b>	<b>1454</b>	<b>364</b>	<b>63</b>	<b>14</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5562</b>
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Overall  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 47 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 3550  
 Percent in Pace : 63.8%  
 Number of Vehicles > 30 MPH : 5237  
 Percent of Vehicles > 30 MPH : 94.2%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

**NB, SB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/21/13	0	0	0	2	5	17	13	8	2	0	0	0	0	0	47
01:00	0	0	0	0	5	12	6	3	1	1	0	0	0	0	28
02:00	0	0	2	0	0	0	5	6	0	0	0	0	0	0	13
03:00	0	0	0	1	0	4	3	3	0	0	0	1	0	0	12
04:00	0	0	1	2	4	6	19	12	10	2	0	0	0	0	56
05:00	0	0	1	4	6	21	47	68	23	5	0	0	0	0	175
06:00	2	0	0	5	12	58	115	94	25	3	1	0	0	0	315
07:00	7	1	3	9	23	54	153	92	19	1	0	0	0	0	362
08:00	2	0	0	11	21	88	130	68	14	2	0	0	0	0	336
09:00	4	0	4	8	29	65	108	38	8	1	0	0	0	0	265
10:00	0	0	2	3	32	63	100	47	8	0	0	0	0	0	255
11:00	1	1	2	1	21	83	98	49	10	1	0	0	0	0	267
12 PM	3	1	2	7	23	82	99	48	9	2	0	0	0	0	276
13:00	3	2	0	6	39	93	74	46	11	1	2	1	0	1	279
14:00	7	0	2	4	46	128	96	39	15	2	0	0	0	0	339
15:00	8	0	2	9	28	141	168	59	9	1	1	0	0	1	427
16:00	5	2	2	7	48	158	199	76	8	1	0	0	0	0	506
17:00	6	1	4	16	60	156	183	78	12	2	0	0	0	1	519
18:00	9	1	2	25	63	135	130	52	13	2	0	0	0	0	432
19:00	6	0	1	11	29	141	106	33	2	3	0	0	0	0	332
20:00	4	1	5	20	60	90	59	21	4	0	0	0	0	0	264
21:00	2	0	0	8	49	56	48	13	4	3	0	0	1	0	184
22:00	1	0	2	7	25	38	48	17	2	0	0	0	0	0	140
23:00	0	0	1	4	13	46	27	11	3	3	0	0	0	0	108
<b>Total</b>	<b>70</b>	<b>10</b>	<b>38</b>	<b>170</b>	<b>641</b>	<b>1735</b>	<b>2034</b>	<b>981</b>	<b>212</b>	<b>36</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>5937</b>

Daily

- 15th Percentile : 33 MPH
- 50th Percentile : 40 MPH
- 85th Percentile : 46 MPH
- 95th Percentile : 50 MPH

Mean Speed(Average) : 40 MPH

- 10 MPH Pace Speed : 37-46 MPH
- Number in Pace : 3497
- Percent in Pace : 58.9%
- Number of Vehicles > 30 MPH : 5649
- Percent of Vehicles > 30 MPH : 95.2%

**Old Colony Planning Council**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

**NB, SB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	1	1	6	11	16	4	1	0	0	0	0	0	40
01:00	0	0	0	0	6	6	2	5	2	1	0	0	0	0	22
02:00	0	0	0	0	2	5	7	2	1	0	0	0	0	0	17
03:00	0	0	0	0	1	4	3	3	3	2	0	0	0	0	16
04:00	0	0	1	1	1	8	23	13	4	0	0	0	0	0	51
05:00	0	0	2	3	8	18	66	54	23	3	0	0	0	0	177
06:00	2	0	0	4	13	49	139	86	26	5	0	0	0	0	324
07:00	3	0	3	10	22	67	163	85	31	1	0	0	0	0	385
08:00	11	0	1	8	27	95	139	59	20	0	0	0	0	0	360
09:00	10	1	2	4	28	75	86	40	9	1	1	0	0	0	257
10:00	3	0	0	8	25	63	84	34	7	2	2	0	0	0	228
11:00	2	0	2	3	31	79	95	52	6	2	0	0	0	0	272
12 PM	1	2	2	6	48	69	85	38	9	3	0	0	0	0	263
13:00	3	0	0	9	35	73	90	47	6	2	0	0	0	0	265
14:00	16	1	4	13	34	104	91	45	8	1	0	0	0	0	317
15:00	5	1	2	6	41	135	136	57	10	0	0	0	0	0	393
16:00	8	0	4	5	50	169	137	70	10	2	1	0	0	0	456
17:00	9	0	0	8	65	162	144	54	10	1	1	0	0	0	454
18:00	9	0	2	8	58	105	120	49	10	1	1	0	1	0	364
19:00	0	0	2	23	31	84	77	34	6	2	0	0	0	0	259
20:00	4	0	1	8	34	91	51	24	3	0	0	0	0	0	216
21:00	0	1	2	7	31	55	55	17	2	0	1	0	0	0	171
22:00	2	0	1	5	22	46	30	12	2	0	0	1	0	0	121
23:00	0	0	1	3	12	36	34	15	3	1	0	0	0	0	105
<b>Total</b>	<b>88</b>	<b>6</b>	<b>33</b>	<b>143</b>	<b>631</b>	<b>1609</b>	<b>1873</b>	<b>899</b>	<b>212</b>	<b>30</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>5533</b>

Daily  
 15th Percentile : 33 MPH  
 50th Percentile : 40 MPH  
 85th Percentile : 46 MPH  
 95th Percentile : 50 MPH

Mean Speed(Average) : 40 MPH  
 10 MPH Pace Speed : 37-46 MPH  
 Number in Pace : 3219  
 Percent in Pace : 58.2%  
 Number of Vehicles > 30 MPH : 5263  
 Percent of Vehicles > 30 MPH : 95.1%

<b>Grand Total</b>	<b>158</b>	<b>16</b>	<b>71</b>	<b>313</b>	<b>1272</b>	<b>3344</b>	<b>3907</b>	<b>1880</b>	<b>424</b>	<b>66</b>	<b>11</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>11470</b>
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Overall  
 15th Percentile : 33 MPH  
 50th Percentile : 40 MPH  
 85th Percentile : 46 MPH  
 95th Percentile : 50 MPH

Mean Speed(Average) : 40 MPH  
 10 MPH Pace Speed : 37-46 MPH  
 Number in Pace : 6716  
 Percent in Pace : 58.6%  
 Number of Vehicles > 30 MPH : 10912  
 Percent of Vehicles > 30 MPH : 95.2%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

NB

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	13	3	0	0	1	0	0	0	0	0	0	0	17	1
01:00	0	9	1	0	1	0	0	0	0	0	0	0	0	11	1
02:00	0	8	2	0	2	0	0	0	0	0	0	0	0	12	2
03:00	1	4	1	0	0	0	0	0	0	0	0	0	0	6	0
04:00	0	26	12	0	6	0	0	0	0	0	0	0	0	44	6
05:00	2	69	59	0	25	0	0	0	2	1	0	0	0	158	28
06:00	3	152	74	1	24	0	0	0	0	0	0	0	0	254	25
07:00	0	140	95	0	24	0	0	2	0	0	0	0	0	261	26
08:00	0	126	89	2	20	1	0	2	1	0	0	0	0	241	26
09:00	1	90	56	1	16	3	0	3	0	0	0	0	0	170	23
10:00	1	70	58	0	17	0	0	2	0	0	0	0	0	148	19
11:00	0	67	53	0	12	0	0	1	1	0	0	0	0	134	14
12 PM	3	68	69	1	13	1	0	2	0	0	0	0	0	157	17
13:00	0	66	67	0	15	1	0	0	1	0	0	0	0	150	17
14:00	1	80	55	1	16	0	0	1	0	0	0	0	0	154	18
15:00	0	77	79	1	19	1	0	0	0	0	0	0	0	177	21
16:00	1	106	75	1	27	0	0	2	1	0	0	0	0	213	31
17:00	2	111	79	0	20	0	0	0	0	0	0	0	0	212	20
18:00	4	78	66	0	17	0	0	0	0	0	0	0	0	165	17
19:00	1	69	50	0	6	1	0	1	0	0	0	0	0	128	8
20:00	1	54	27	0	10	0	0	0	0	0	0	0	0	92	10
21:00	0	47	16	0	4	0	0	0	0	0	0	0	0	67	4
22:00	0	38	20	0	4	0	0	0	0	0	0	0	0	62	4
23:00	0	13	9	0	4	0	0	0	0	0	0	0	0	26	4
<b>Total</b>	<b>21</b>	<b>1581</b>	<b>1115</b>	<b>8</b>	<b>302</b>	<b>9</b>	<b>0</b>	<b>16</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3059</b>	<b>342</b>
<b>Percent</b>	<b>0.7%</b>	<b>51.7%</b>	<b>36.4%</b>	<b>0.3%</b>	<b>9.9%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.5%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>11.2%</b>
<b>AM Peak</b>	<b>06:00</b>	<b>06:00</b>	<b>07:00</b>	<b>08:00</b>	<b>05:00</b>	<b>09:00</b>		<b>09:00</b>	<b>05:00</b>	<b>05:00</b>				<b>07:00</b>	<b>05:00</b>
<b>Vol.</b>	<b>3</b>	<b>152</b>	<b>95</b>	<b>2</b>	<b>25</b>	<b>3</b>		<b>3</b>	<b>2</b>	<b>1</b>				<b>261</b>	<b>28</b>
<b>PM Peak</b>	<b>18:00</b>	<b>17:00</b>	<b>15:00</b>	<b>12:00</b>	<b>16:00</b>	<b>12:00</b>		<b>12:00</b>	<b>13:00</b>					<b>16:00</b>	<b>16:00</b>
<b>Vol.</b>	<b>4</b>	<b>111</b>	<b>79</b>	<b>1</b>	<b>27</b>	<b>1</b>		<b>2</b>	<b>1</b>					<b>213</b>	<b>31</b>

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

NB

Start Time	Bikes	Cars & Trailer	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
08/22/13	0	8	3	0	1	0	0	0	0	0	0	0	0	12	1
01:00	0	4	6	0	0	1	0	0	0	0	0	0	0	11	1
02:00	0	4	3	0	2	0	0	0	0	0	0	0	0	9	2
03:00	1	3	1	0	2	0	0	0	0	0	0	0	0	7	2
04:00	0	25	14	0	5	0	0	0	0	0	0	0	0	44	5
05:00	1	66	58	0	20	2	0	0	4	0	0	0	0	151	26
06:00	1	128	102	2	31	0	0	1	0	0	0	0	0	265	34
07:00	1	156	90	3	28	1	0	3	0	0	0	0	0	282	35
08:00	1	110	109	1	16	0	0	1	0	0	0	0	0	238	18
09:00	0	88	52	0	14	0	0	3	0	0	0	0	0	157	17
10:00	1	63	58	0	10	0	0	0	1	0	0	0	0	133	11
11:00	0	71	59	1	18	1	0	0	0	0	0	0	0	150	20
12 PM	0	73	48	1	19	1	0	0	0	0	0	0	0	142	21
13:00	1	64	56	0	11	0	0	0	0	0	0	0	0	132	11
14:00	1	79	57	0	13	1	0	1	0	0	0	0	0	152	15
15:00	0	78	63	0	11	0	0	1	0	0	0	0	0	153	12
16:00	1	75	58	1	19	0	0	1	1	0	0	0	0	156	22
17:00	0	97	60	0	9	0	0	0	0	0	0	0	0	166	9
18:00	1	78	47	0	16	0	0	1	0	0	0	0	0	143	17
19:00	0	58	41	0	6	0	0	0	0	0	0	0	0	105	6
20:00	2	35	37	0	7	0	0	0	0	0	0	0	0	81	7
21:00	1	41	28	0	4	0	0	0	0	0	0	0	0	74	4
22:00	0	31	15	0	2	0	0	0	0	0	0	0	0	48	2
23:00	0	17	18	0	2	0	0	0	0	0	0	0	0	37	2
<b>Total</b>	<b>13</b>	<b>1452</b>	<b>1083</b>	<b>9</b>	<b>266</b>	<b>7</b>	<b>0</b>	<b>12</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2848</b>	<b>300</b>
<b>Percent</b>	<b>0.5%</b>	<b>51.0%</b>	<b>38.0%</b>	<b>0.3%</b>	<b>9.3%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.4%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>10.5%</b>
<b>AM Peak Vol.</b>	<b>1</b>	<b>156</b>	<b>109</b>	<b>3</b>	<b>31</b>	<b>2</b>		<b>3</b>	<b>4</b>					<b>282</b>	<b>35</b>
<b>PM Peak Vol.</b>	<b>2</b>	<b>97</b>	<b>63</b>	<b>1</b>	<b>19</b>	<b>1</b>		<b>1</b>	<b>1</b>					<b>166</b>	<b>22</b>
<b>Grand Total</b>	<b>34</b>	<b>3033</b>	<b>2198</b>	<b>17</b>	<b>568</b>	<b>16</b>	<b>0</b>	<b>28</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5907</b>	<b>642</b>
<b>Percent</b>	<b>0.6%</b>	<b>51.3%</b>	<b>37.2%</b>	<b>0.3%</b>	<b>9.6%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.5%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>10.9%</b>



**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

SB

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	26	3	0	0	0	1	0	0	0	0	0	0	30	1
01:00	0	13	4	0	0	0	0	0	0	0	0	0	0	17	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
03:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6	1
04:00	0	10	2	0	0	0	0	0	0	0	0	0	0	12	0
05:00	1	9	7	0	0	0	0	0	0	0	0	0	0	17	0
06:00	0	43	15	0	3	0	0	0	0	0	0	0	0	61	3
07:00	1	68	27	0	5	0	0	0	0	0	0	0	0	101	5
08:00	0	72	18	0	5	0	0	0	0	0	0	0	0	95	5
09:00	0	68	23	1	2	0	0	1	0	0	0	0	0	95	4
10:00	0	78	19	1	6	0	0	3	0	0	0	0	0	107	10
11:00	1	89	34	0	8	0	0	1	0	0	0	0	0	133	9
12 PM	1	90	20	0	8	0	0	0	0	0	0	0	0	119	8
13:00	2	89	33	0	5	0	0	0	0	0	0	0	0	129	5
14:00	1	143	27	0	10	3	0	1	0	0	0	0	0	185	14
15:00	1	165	60	1	21	1	0	1	0	0	0	0	0	250	24
16:00	5	216	48	0	22	1	0	1	0	0	0	0	0	293	24
17:00	2	235	55	0	15	0	0	0	0	0	0	0	0	307	15
18:00	3	212	39	0	13	0	0	0	0	0	0	0	0	267	13
19:00	3	155	34	0	11	0	0	1	0	0	0	0	0	204	12
20:00	3	129	27	0	9	2	0	2	0	0	0	0	0	172	13
21:00	3	82	23	0	9	0	0	0	0	0	0	0	0	117	9
22:00	0	63	10	0	5	0	0	0	0	0	0	0	0	78	5
23:00	1	67	10	0	4	0	0	0	0	0	0	0	0	82	4
Total	28	2127	539	3	162	7	1	11	0	0	0	0	0	2878	184
Percent	1.0%	73.9%	18.7%	0.1%	5.6%	0.2%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%		6.4%
AM Peak	05:00	11:00	11:00	09:00	11:00			00:00	10:00					11:00	10:00
Vol.	1	89	34	1	8			1	3					133	10
PM Peak	16:00	17:00	15:00	15:00	16:00	14:00		20:00						17:00	15:00
Vol.	5	235	60	1	22	3		2						307	24



**Old Colony Planning Council**  
**70 School Street**  
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**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

**NB, SB**

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	39	6	0	0	1	1	0	0	0	0	0	0	47	2
01:00	0	22	5	0	1	0	0	0	0	0	0	0	0	28	1
02:00	0	9	2	0	2	0	0	0	0	0	0	0	0	13	2
03:00	1	8	2	0	1	0	0	0	0	0	0	0	0	12	1
04:00	0	36	14	0	6	0	0	0	0	0	0	0	0	56	6
05:00	3	78	66	0	25	0	0	0	2	1	0	0	0	175	28
06:00	3	195	89	1	27	0	0	0	0	0	0	0	0	315	28
07:00	1	208	122	0	29	0	0	2	0	0	0	0	0	362	31
08:00	0	198	107	2	25	1	0	2	1	0	0	0	0	336	31
09:00	1	158	79	2	18	3	0	4	0	0	0	0	0	265	27
10:00	1	148	77	1	23	0	0	5	0	0	0	0	0	255	29
11:00	1	156	87	0	20	0	0	2	1	0	0	0	0	267	23
12 PM	4	158	89	1	21	1	0	2	0	0	0	0	0	276	25
13:00	2	155	100	0	20	1	0	0	1	0	0	0	0	279	22
14:00	2	223	82	1	26	3	0	2	0	0	0	0	0	339	32
15:00	1	242	139	2	40	2	0	1	0	0	0	0	0	427	45
16:00	6	322	123	1	49	1	0	3	1	0	0	0	0	506	55
17:00	4	346	134	0	35	0	0	0	0	0	0	0	0	519	35
18:00	7	290	105	0	30	0	0	0	0	0	0	0	0	432	30
19:00	4	224	84	0	17	1	0	2	0	0	0	0	0	332	20
20:00	4	183	54	0	19	2	0	2	0	0	0	0	0	264	23
21:00	3	129	39	0	13	0	0	0	0	0	0	0	0	184	13
22:00	0	101	30	0	9	0	0	0	0	0	0	0	0	140	9
23:00	1	80	19	0	8	0	0	0	0	0	0	0	0	108	8
Total	49	3708	1654	11	464	16	1	27	6	1	0	0	0	5937	526
Percent	0.8%	62.5%	27.9%	0.2%	7.8%	0.3%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%		8.9%
AM Peak	05:00	07:00	07:00	08:00	07:00	09:00	00:00	10:00	05:00	05:00				07:00	07:00
Vol.	3	208	122	2	29	3	1	5	2	1				362	31
PM Peak	18:00	17:00	15:00	15:00	16:00	14:00		16:00	13:00					17:00	16:00
Vol.	7	346	139	2	49	3		3	1					519	55

**Old Colony Planning Council**  
**70 School Street**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 19651  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, north of Chestnut St

**NB, SB**

Start Time	Bikes	Cars & Trailer	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
08/22/13	0	31	7	0	2	0	0	0	0	0	0	0	0	40	2
01:00	0	11	10	0	0	1	0	0	0	0	0	0	0	22	1
02:00	0	10	4	0	3	0	0	0	0	0	0	0	0	17	3
03:00	1	9	2	0	4	0	0	0	0	0	0	0	0	16	4
04:00	0	29	16	0	5	1	0	0	0	0	0	0	0	51	6
05:00	3	82	66	0	20	2	0	0	4	0	0	0	0	177	26
06:00	3	164	119	3	34	0	0	1	0	0	0	0	0	324	38
07:00	1	227	113	3	35	2	0	4	0	0	0	0	0	385	44
08:00	1	203	127	1	23	3	0	2	0	0	0	0	0	360	29
09:00	0	153	77	3	19	2	0	3	0	0	0	0	0	257	27
10:00	1	130	79	0	15	1	0	1	1	0	0	0	0	228	18
11:00	1	157	87	1	24	2	0	0	0	0	0	0	0	272	27
12 PM	0	156	75	2	28	2	0	0	0	0	0	0	0	263	32
13:00	1	167	78	1	18	0	0	0	0	0	0	0	0	265	19
14:00	4	194	87	0	24	2	0	3	2	0	0	0	0	316	31
15:00	1	238	127	0	24	0	0	3	0	0	0	0	0	393	27
16:00	4	284	123	2	37	2	0	3	1	0	0	0	0	456	45
17:00	0	316	116	0	22	0	0	0	0	0	0	0	0	454	22
18:00	1	259	78	1	23	0	0	2	0	0	0	0	0	364	26
19:00	2	182	65	0	9	0	0	1	0	0	0	0	0	259	10
20:00	4	146	54	0	12	0	0	0	0	0	0	0	0	216	12
21:00	2	115	45	1	8	0	0	0	0	0	0	0	0	171	9
22:00	0	88	28	0	5	0	0	0	0	0	0	0	0	121	5
23:00	0	74	28	0	3	0	0	0	0	0	0	0	0	105	3
<b>Total</b>	<b>30</b>	<b>3425</b>	<b>1611</b>	<b>18</b>	<b>397</b>	<b>20</b>	<b>0</b>	<b>23</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5532</b>	<b>466</b>
<b>Percent</b>	<b>0.5%</b>	<b>61.9%</b>	<b>29.1%</b>	<b>0.3%</b>	<b>7.2%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>8.4%</b>
<b>AM Peak</b>	05:00	07:00	08:00	06:00	07:00	08:00		07:00	05:00					07:00	07:00
<b>Vol.</b>	3	227	127	3	35	3		4	4					385	44
<b>PM Peak</b>	14:00	17:00	15:00	12:00	16:00	12:00		14:00	14:00					16:00	16:00
<b>Vol.</b>	4	316	127	2	37	2		3	2					456	45
<b>Grand Total</b>	<b>79</b>	<b>7133</b>	<b>3265</b>	<b>29</b>	<b>861</b>	<b>36</b>	<b>1</b>	<b>50</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11469</b>	<b>992</b>
<b>Percent</b>	<b>0.7%</b>	<b>62.2%</b>	<b>28.5%</b>	<b>0.3%</b>	<b>7.5%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>8.6%</b>

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

Start Time	19-Aug-13		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	22	51	23	37	*	*	*	*	*	*	22	44
01:00	*	*	*	*	22	26	17	26	*	*	*	*	*	*	20	26
02:00	*	*	*	*	17	8	13	8	*	*	*	*	*	*	15	8
03:00	*	*	*	*	19	15	14	16	*	*	*	*	*	*	16	16
04:00	*	*	*	*	64	17	57	22	*	*	*	*	*	*	60	20
05:00	*	*	*	*	206	37	204	55	*	*	*	*	*	*	205	46
06:00	*	*	*	*	406	106	395	101	*	*	*	*	*	*	400	104
07:00	*	*	*	*	400	196	407	204	*	*	*	*	*	*	404	200
08:00	*	*	*	*	350	181	343	202	*	*	*	*	*	*	346	192
09:00	*	*	*	*	253	160	246	157	*	*	*	*	*	*	250	158
10:00	*	*	*	*	220	166	216	167	*	*	*	*	*	*	218	166
11:00	*	*	*	*	213	202	222	195	*	*	*	*	*	*	218	198
12:00 PM	*	*	*	*	252	189	235	203	*	*	*	*	*	*	244	196
01:00	*	*	*	*	266	218	234	201	*	*	*	*	*	*	250	210
02:00	*	*	*	*	297	272	256	249	*	*	*	*	*	*	276	260
03:00	*	*	*	*	276	384	257	357	*	*	*	*	*	*	266	370
04:00	*	*	*	*	354	413	288	434	*	*	*	*	*	*	321	424
05:00	*	*	*	*	312	436	268	430	*	*	*	*	*	*	290	433
06:00	*	*	*	*	261	365	218	319	*	*	*	*	*	*	240	342
07:00	*	*	*	*	190	278	164	231	*	*	*	*	*	*	177	254
08:00	*	*	*	*	149	210	143	186	*	*	*	*	*	*	146	198
09:00	*	*	*	*	119	170	132	139	*	*	*	*	*	*	126	154
10:00	*	*	*	*	100	130	77	130	*	*	*	*	*	*	88	130
11:00	*	*	*	*	54	112	58	106	*	*	*	*	*	*	56	109
Total	0	0	0	0	4822	4342	4487	4175	0	0	0	0	0	0	4654	4258
Day	0	0	0	0	9164	8662	8662	8662	0	0	0	0	0	0	8912	8912
AM Peak	-	-	-	-	06:00	11:00	07:00	07:00	-	-	-	-	-	-	07:00	07:00
Vol.	-	-	-	-	406	202	407	204	-	-	-	-	-	-	404	200
PM Peak	-	-	-	-	16:00	17:00	16:00	16:00	-	-	-	-	-	-	16:00	17:00
Vol.	-	-	-	-	354	436	288	434	-	-	-	-	-	-	321	433

Comb. Total                      0                      0                      9164                      8662                      0                      0                      0                      8912

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

Start Time	21-Aug-13		NB		SB		Combined		22-Aug	NB		SB		Combined	
	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		Thu	A.M.	P.M.	A.M.	P.M.	A.M.
12:00			5	64	17	60	22	124		7	52	9	47	16	99
12:15			6	57	13	44	19	101		3	66	14	47	17	113
12:30			4	78	15	49	19	127		5	57	10	55	15	112
12:45			7	53	6	36	13	89		8	60	4	54	12	114
01:00			5	58	8	53	13	111		8	52	8	43	16	95
01:15			11	64	5	57	16	121		3	44	11	53	14	97
01:30			1	84	4	55	5	139		6	61	0	59	6	120
01:45			5	60	9	53	14	113		0	77	7	46	7	123
02:00			6	67	0	61	6	128		4	68	1	46	5	114
02:15			4	88	4	75	8	163		3	58	2	61	5	119
02:30			3	75	2	72	5	147		4	68	2	71	6	139
02:45			4	67	2	64	6	131		2	62	3	71	5	133
03:00			3	67	5	83	8	150		2	65	6	69	8	134
03:15			5	65	3	99	8	164		1	67	7	81	8	148
03:30			5	81	5	97	10	178		5	59	2	101	7	160
03:45			6	63	2	105	8	168		6	66	1	106	7	172
04:00			10	78	3	89	13	167		7	65	2	109	9	174
04:15			14	<b>86</b>	2	112	16	<b>198</b>		11	68	5	<b>119</b>	16	<b>187</b>
04:30			17	<b>96</b>	5	102	22	<b>198</b>		9	<b>75</b>	4	<b>101</b>	13	<b>176</b>
04:45			23	<b>94</b>	7	<b>110</b>	30	<b>204</b>		30	<b>80</b>	11	<b>105</b>	41	<b>185</b>
05:00			31	<b>85</b>	5	<b>111</b>	36	<b>196</b>		31	<b>57</b>	14	<b>114</b>	45	171
05:15			45	77	9	<b>106</b>	54	183		42	<b>77</b>	9	103	51	180
05:30			68	67	10	<b>114</b>	78	181		62	66	15	117	77	183
05:45			62	83	13	105	75	188		69	68	17	96	86	164
06:00			72	61	14	100	86	161		66	49	20	92	86	141
06:15			89	72	24	94	113	166		<b>94</b>	54	14	87	108	141
06:30			<b>129</b>	66	29	95	<b>158</b>	161		<b>126</b>	61	24	75	150	136
06:45			<b>116</b>	62	39	76	<b>155</b>	138		<b>109</b>	54	43	65	152	119
07:00			<b>103</b>	57	42	75	<b>145</b>	132		<b>103</b>	51	47	51	150	102
07:15			<b>108</b>	47	46	70	<b>154</b>	117		91	32	44	57	135	89
07:30			109	50	48	68	157	118		116	52	<b>56</b>	59	<b>172</b>	111
07:45			80	36	60	65	140	101		97	29	<b>57</b>	64	<b>154</b>	93
08:00			106	39	43	57	149	96		91	43	<b>57</b>	52	<b>148</b>	95
08:15			93	41	40	48	133	89		95	33	<b>51</b>	44	<b>146</b>	77
08:30			84	42	49	48	133	90		86	29	48	49	134	78
08:45			67	27	49	57	116	84		71	38	46	41	117	79
09:00			68	25	36	42	104	67		71	32	42	38	113	70
09:15			69	29	45	44	114	73		62	28	43	44	105	72
09:30			77	17	46	32	123	49		64	31	43	31	107	62
09:45			39	48	33	52	72	100		49	41	29	26	78	67
10:00			55	28	44	48	99	76		51	20	44	31	95	51
10:15			59	25	41	31	100	56		55	23	45	40	100	63
10:30			48	27	30	25	78	52		55	18	39	36	94	54
10:45			58	20	<b>51</b>	26	109	46		55	16	39	23	94	39
11:00			54	12	<b>47</b>	32	101	44		50	20	47	18	97	38
11:15			48	18	<b>57</b>	34	105	52		60	15	47	38	107	53
11:30			49	16	<b>50</b>	24	99	40		51	16	52	24	103	40
11:45			62	8	48	22	110	30		61	7	49	26	110	33
Total			2192	2630	1165	3177	3357	5807		2157	2330	1190	2985	3347	5315
Day Total			4822		4342		9164			4487		4175		8662	
% Total			23.9%	28.7%	12.7%	34.7%				24.9%	26.9%	13.7%	34.5%		
Peak	-	06:30	04:15	10:45	04:45	06:30	04:15		-	06:15	04:30	07:30	04:15	07:30	04:00
Vol.	-	456	361	205	441	612	796		-	432	289	221	439	620	722
P.H.F.		0.884	0.940	0.854	0.967	0.968	0.975			0.857	0.903	0.969	0.922	0.901	0.965

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

Start Time	19-Aug-13 Mon	20-Aug-13 Tue	21-Aug-13 Wed	22-Aug-13 Thu	23-Aug-13 Fri	24-Aug-13 Sat	25-Aug-13 Sun	Week Average
12:00 AM	*	*	73	60	*	*	*	66
01:00	*	*	48	43	*	*	*	46
02:00	*	*	25	21	*	*	*	23
03:00	*	*	34	30	*	*	*	32
04:00	*	*	81	79	*	*	*	80
05:00	*	*	243	259	*	*	*	251
06:00	*	*	512	496	*	*	*	504
07:00	*	*	<b>596</b>	<b>611</b>	*	*	*	<b>604</b>
08:00	*	*	531	545	*	*	*	538
09:00	*	*	413	403	*	*	*	408
10:00	*	*	386	383	*	*	*	384
11:00	*	*	415	417	*	*	*	416
12:00 PM	*	*	441	438	*	*	*	440
01:00	*	*	484	435	*	*	*	460
02:00	*	*	569	505	*	*	*	537
03:00	*	*	660	614	*	*	*	637
04:00	*	*	<b>767</b>	<b>722</b>	*	*	*	<b>744</b>
05:00	*	*	748	698	*	*	*	723
06:00	*	*	626	537	*	*	*	582
07:00	*	*	468	395	*	*	*	432
08:00	*	*	359	329	*	*	*	344
09:00	*	*	289	271	*	*	*	280
10:00	*	*	230	207	*	*	*	218
11:00	*	*	166	164	*	*	*	165
Total	0	0	9164	8662	0	0	0	8914
Percentage	0.0%	0.0%	102.8%	97.2%	0.0%	0.0%	0.0%	
AM Peak	-	-	07:00	07:00	-	-	-	07:00
Vol.	-	-	596	611	-	-	-	604
PM Peak	-	-	16:00	16:00	-	-	-	16:00
Vol.	-	-	767	722	-	-	-	744

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
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Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

**NB**

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			
08/21/13	0	0	0	1	7	7	5	2	0	0	0	0	0	0	0	22
01:00	0	0	0	0	6	7	7	1	0	1	0	0	0	0	0	22
02:00	0	0	0	0	2	7	7	1	0	0	0	0	0	0	0	17
03:00	1	0	0	0	4	7	5	1	1	0	0	0	0	0	0	19
04:00	0	0	0	1	7	18	27	10	1	0	0	0	0	0	0	64
05:00	4	3	0	5	24	61	80	26	3	0	0	0	0	0	0	206
06:00	7	0	0	2	54	189	128	24	2	0	0	0	0	0	0	406
07:00	12	0	0	4	35	183	138	26	2	0	0	0	0	0	0	400
08:00	3	0	0	5	46	178	102	16	0	0	0	0	0	0	0	350
09:00	8	0	0	6	35	120	73	11	0	0	0	0	0	0	0	253
10:00	5	0	0	6	44	94	61	8	2	0	0	0	0	0	0	220
11:00	6	0	0	5	34	102	56	9	1	0	0	0	0	0	0	213
12 PM	4	0	1	8	45	117	67	8	2	0	0	0	0	0	0	252
13:00	3	0	7	11	76	113	48	7	0	1	0	0	0	0	0	266
14:00	7	3	0	10	61	128	76	11	1	0	0	0	0	0	0	297
15:00	10	0	3	9	48	137	59	8	2	0	0	0	0	0	0	276
16:00	18	1	1	8	52	160	101	11	1	0	1	0	0	0	0	354
17:00	9	0	1	4	53	136	96	13	0	0	0	0	0	0	0	312
18:00	19	0	0	5	33	116	76	12	0	0	0	0	0	0	0	261
19:00	5	0	0	4	54	79	40	7	1	0	0	0	0	0	0	190
20:00	6	0	0	2	42	72	19	7	1	0	0	0	0	0	0	149
21:00	1	1	1	8	37	43	21	6	1	0	0	0	0	0	0	119
22:00	2	0	1	6	21	43	26	1	0	0	0	0	0	0	0	100
23:00	0	0	0	2	8	23	16	3	1	1	0	0	0	0	0	54
Total	130	8	15	112	828	2140	1334	229	22	3	1	0	0	0	0	4822

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 3204  
 Percent in Pace : 66.4%  
 Number of Vehicles > 30 MPH : 4557  
 Percent of Vehicles > 30 MPH : 94.5%



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 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

**NB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	0	1	5	8	8	1	0	0	0	0	0	0	23
01:00	0	0	0	2	2	6	6	1	0	0	0	0	0	0	17
02:00	0	0	0	2	1	6	2	1	0	0	1	0	0	0	13
03:00	0	0	0	0	3	2	6	1	1	1	0	0	0	0	14
04:00	2	0	0	0	6	24	19	5	1	0	0	0	0	0	57
05:00	6	0	0	2	23	81	63	24	5	0	0	0	0	0	204
06:00	5	0	0	6	49	193	120	19	3	0	0	0	0	0	395
07:00	11	1	1	16	54	169	127	25	2	0	1	0	0	0	407
08:00	2	1	0	3	53	156	109	18	1	0	0	0	0	0	343
09:00	1	0	0	5	49	116	57	18	0	0	0	0	0	0	246
10:00	3	0	3	6	29	108	55	9	3	0	0	0	0	0	216
11:00	9	0	2	10	43	98	54	6	0	0	0	0	0	0	222
12 PM	3	2	2	6	53	112	51	6	0	0	0	0	0	0	235
13:00	11	0	0	7	38	104	66	8	0	0	0	0	0	0	234
14:00	10	0	4	10	54	98	71	8	1	0	0	0	0	0	256
15:00	11	0	1	5	36	132	60	11	1	0	0	0	0	0	257
16:00	10	1	2	3	50	136	70	13	3	0	0	0	0	0	288
17:00	12	0	0	6	35	119	78	15	3	0	0	0	0	0	268
18:00	7	0	0	4	35	91	66	14	1	0	0	0	0	0	218
19:00	8	0	0	2	30	74	41	7	1	1	0	0	0	0	164
20:00	1	0	0	6	36	61	27	12	0	0	0	0	0	0	143
21:00	1	0	0	4	40	56	26	5	0	0	0	0	0	0	132
22:00	1	0	0	3	21	29	18	4	0	1	0	0	0	0	77
23:00	0	0	0	1	16	21	16	2	2	0	0	0	0	0	58
<b>Total</b>	<b>114</b>	<b>5</b>	<b>15</b>	<b>110</b>	<b>761</b>	<b>2000</b>	<b>1216</b>	<b>233</b>	<b>28</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4487</b>

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 2974  
 Percent in Pace : 66.3%  
 Number of Vehicles > 30 MPH : 4243  
 Percent of Vehicles > 30 MPH : 94.6%

<b>Grand Total</b>	<b>244</b>	<b>13</b>	<b>30</b>	<b>222</b>	<b>1589</b>	<b>4140</b>	<b>2550</b>	<b>462</b>	<b>50</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9309</b>
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Overall  
 15th Percentile : 32 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 6178  
 Percent in Pace : 66.4%  
 Number of Vehicles > 30 MPH : 8800  
 Percent of Vehicles > 30 MPH : 94.5%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

**SB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
08/21/13	0	0	0	1	8	19	18	3	2	0	0	0	0	0	51
01:00	1	0	0	0	3	14	7	0	1	0	0	0	0	0	26
02:00	0	0	0	0	1	1	3	2	0	0	1	0	0	0	8
03:00	0	0	0	0	2	4	7	2	0	0	0	0	0	0	15
04:00	0	0	0	0	3	4	6	3	1	0	0	0	0	0	17
05:00	3	0	0	4	7	5	12	4	1	0	1	0	0	0	37
06:00	7	0	0	1	10	42	33	11	2	0	0	0	0	0	106
07:00	16	0	0	3	20	72	62	21	1	1	0	0	0	0	196
08:00	2	0	1	2	23	77	60	10	5	1	0	0	0	0	181
09:00	7	1	2	6	28	57	48	7	3	1	0	0	0	0	160
10:00	5	0	0	2	27	62	53	12	4	1	0	0	0	0	166
11:00	8	0	0	8	23	85	63	13	2	0	0	0	0	0	202
12 PM	5	0	0	4	20	76	62	18	4	0	0	0	0	0	189
13:00	5	0	1	4	47	78	63	11	5	3	1	0	0	0	218
14:00	7	0	5	8	45	133	64	9	0	1	0	0	0	0	272
15:00	13	0	4	20	65	155	104	17	2	3	1	0	0	0	384
16:00	8	1	5	4	64	179	135	14	2	0	1	0	0	0	413
17:00	13	0	0	6	46	180	164	24	2	1	0	0	0	0	436
18:00	9	0	0	2	56	176	102	18	2	0	0	0	0	0	365
19:00	8	0	1	2	45	118	86	17	1	0	0	0	0	0	278
20:00	2	0	1	3	42	104	52	5	1	0	0	0	0	0	210
21:00	1	0	0	1	36	84	40	7	1	0	0	0	0	0	170
22:00	3	0	0	0	32	55	33	6	1	0	0	0	0	0	130
23:00	0	0	0	3	21	41	41	4	2	0	0	0	0	0	112
Total	123	2	20	84	674	1821	1318	238	45	12	5	0	0	0	4342

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 2856  
 Percent in Pace : 65.8%  
 Number of Vehicles > 30 MPH : 4113  
 Percent of Vehicles > 30 MPH : 94.7%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

**SB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
08/22/13	0	0	0	1	4	13	13	3	3	0	0	0	0	0	37
01:00	0	0	0	1	5	12	5	3	0	0	0	0	0	0	26
02:00	0	0	0	0	0	3	3	1	1	0	0	0	0	0	8
03:00	0	0	0	0	0	8	2	4	1	1	0	0	0	0	16
04:00	0	0	0	1	4	8	7	2	0	0	0	0	0	0	22
05:00	2	0	2	1	11	13	18	5	1	2	0	0	0	0	55
06:00	3	0	0	1	9	46	32	8	2	0	0	0	0	0	101
07:00	9	0	0	8	26	90	55	12	3	1	0	0	0	0	204
08:00	5	0	0	6	38	72	69	10	2	0	0	0	0	0	202
09:00	9	0	1	1	24	62	48	9	2	0	0	1	0	0	157
10:00	4	0	0	4	19	82	47	9	0	2	0	0	0	0	167
11:00	8	0	0	3	14	91	68	6	4	1	0	0	0	0	195
12 PM	3	0	3	7	38	83	56	11	1	1	0	0	0	0	203
13:00	7	0	0	6	31	89	54	10	3	1	0	0	0	0	201
14:00	7	3	1	10	48	116	48	14	1	1	0	0	0	0	249
15:00	8	0	3	5	55	157	110	17	2	0	0	0	0	0	357
16:00	19	0	0	6	72	202	113	18	4	0	0	0	0	0	434
17:00	17	0	1	7	61	196	128	18	1	0	1	0	0	0	430
18:00	8	0	3	5	37	153	92	18	3	0	0	0	0	0	319
19:00	5	0	0	5	43	98	63	16	1	0	0	0	0	0	231
20:00	4	0	0	2	30	100	42	6	2	0	0	0	0	0	186
21:00	3	0	0	0	32	67	27	9	1	0	0	0	0	0	139
22:00	0	0	0	4	23	72	24	6	1	0	0	0	0	0	130
23:00	1	0	0	3	12	46	32	9	3	0	0	0	0	0	106
<b>Total</b>	<b>122</b>	<b>3</b>	<b>14</b>	<b>87</b>	<b>636</b>	<b>1879</b>	<b>1156</b>	<b>224</b>	<b>42</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4175</b>

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 2778  
 Percent in Pace : 66.5%  
 Number of Vehicles > 30 MPH : 3949  
 Percent of Vehicles > 30 MPH : 94.6%

<b>Grand Total</b>	<b>245</b>	<b>5</b>	<b>34</b>	<b>171</b>	<b>1310</b>	<b>3700</b>	<b>2474</b>	<b>462</b>	<b>87</b>	<b>22</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8517</b>
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Overall  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 5634  
 Percent in Pace : 66.2%  
 Number of Vehicles > 30 MPH : 8062  
 Percent of Vehicles > 30 MPH : 94.7%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

**NB, SB**

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			
08/21/13	0	0	0	2	15	26	23	5	2	0	0	0	0	0	0	73
01:00	1	0	0	0	9	21	14	1	1	1	0	0	0	0	0	48
02:00	0	0	0	0	3	8	10	3	0	0	1	0	0	0	0	25
03:00	1	0	0	0	6	11	12	3	1	0	0	0	0	0	0	34
04:00	0	0	0	1	10	22	33	13	2	0	0	0	0	0	0	81
05:00	7	3	0	9	31	66	92	30	4	0	1	0	0	0	0	243
06:00	14	0	0	3	64	231	161	35	4	0	0	0	0	0	0	512
07:00	28	0	0	7	55	255	200	47	3	1	0	0	0	0	0	596
08:00	5	0	1	7	69	255	162	26	5	1	0	0	0	0	0	531
09:00	15	1	2	12	63	177	121	18	3	1	0	0	0	0	0	413
10:00	10	0	0	8	71	156	114	20	6	1	0	0	0	0	0	386
11:00	14	0	0	13	57	187	119	22	3	0	0	0	0	0	0	415
12 PM	9	0	1	12	65	193	129	26	6	0	0	0	0	0	0	441
13:00	8	0	8	15	123	191	111	18	5	4	1	0	0	0	0	484
14:00	14	3	5	18	106	261	140	20	1	1	0	0	0	0	0	569
15:00	23	0	7	29	113	292	163	25	4	3	1	0	0	0	0	660
16:00	26	2	6	12	116	339	236	25	3	0	2	0	0	0	0	767
17:00	22	0	1	10	99	316	260	37	2	1	0	0	0	0	0	748
18:00	28	0	0	7	89	292	178	30	2	0	0	0	0	0	0	626
19:00	13	0	1	6	99	197	126	24	2	0	0	0	0	0	0	468
20:00	8	0	1	5	84	176	71	12	2	0	0	0	0	0	0	359
21:00	2	1	1	9	73	127	61	13	2	0	0	0	0	0	0	289
22:00	5	0	1	6	53	98	59	7	1	0	0	0	0	0	0	230
23:00	0	0	0	5	29	64	57	7	3	1	0	0	0	0	0	166
Total	253	10	35	196	1502	3961	2652	467	67	15	6	0	0	0	0	9164

Daily

15th Percentile :	32 MPH
50th Percentile :	38 MPH
85th Percentile :	43 MPH
95th Percentile :	46 MPH

Mean Speed(Average) :	38 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	6060
Percent in Pace :	66.1%
Number of Vehicles > 30 MPH :	8670
Percent of Vehicles > 30 MPH :	94.6%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
**www.ocpcrpa.org**

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

**NB, SB**

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	15	20	25	30	35	40	45	50	55	60	65	70	75	999	
08/22/13	0	0	0	2	9	21	21	4	3	0	0	0	0	0	60
01:00	0	0	0	3	7	18	11	4	0	0	0	0	0	0	43
02:00	0	0	0	2	1	9	5	2	1	0	1	0	0	0	21
03:00	0	0	0	0	3	10	8	5	2	2	0	0	0	0	30
04:00	2	0	0	1	10	32	26	7	1	0	0	0	0	0	79
05:00	8	0	2	3	34	94	81	29	6	2	0	0	0	0	259
06:00	8	0	0	7	58	239	152	27	5	0	0	0	0	0	496
07:00	20	1	1	24	80	259	182	37	5	1	1	0	0	0	611
08:00	7	1	0	9	91	228	178	28	3	0	0	0	0	0	545
09:00	10	0	1	6	73	178	105	27	2	0	0	1	0	0	403
10:00	7	0	3	10	48	190	102	18	3	2	0	0	0	0	383
11:00	17	0	2	13	57	189	122	12	4	1	0	0	0	0	417
12 PM	6	2	5	13	91	195	107	17	1	1	0	0	0	0	438
13:00	18	0	0	13	69	193	120	18	3	1	0	0	0	0	435
14:00	17	3	5	20	102	214	119	22	2	1	0	0	0	0	505
15:00	19	0	4	10	91	289	170	28	3	0	0	0	0	0	614
16:00	29	1	2	9	122	338	183	31	7	0	0	0	0	0	722
17:00	29	0	1	13	96	315	206	33	4	0	1	0	0	0	698
18:00	15	0	3	9	72	244	158	32	4	0	0	0	0	0	537
19:00	13	0	0	7	73	172	104	23	2	1	0	0	0	0	395
20:00	5	0	0	8	66	161	69	18	2	0	0	0	0	0	329
21:00	4	0	0	4	72	123	53	14	1	0	0	0	0	0	271
22:00	1	0	0	7	44	101	42	10	1	1	0	0	0	0	207
23:00	1	0	0	4	28	67	48	11	5	0	0	0	0	0	164
<b>Total</b>	<b>236</b>	<b>8</b>	<b>29</b>	<b>197</b>	<b>1397</b>	<b>3879</b>	<b>2372</b>	<b>457</b>	<b>70</b>	<b>13</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8662</b>

Daily  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 5752  
 Percent in Pace : 66.4%  
 Number of Vehicles > 30 MPH : 8192  
 Percent of Vehicles > 30 MPH : 94.6%

<b>Grand Total</b>	<b>489</b>	<b>18</b>	<b>64</b>	<b>393</b>	<b>2899</b>	<b>7840</b>	<b>5024</b>	<b>924</b>	<b>137</b>	<b>28</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>17826</b>
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Overall  
 15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 11812  
 Percent in Pace : 66.3%  
 Number of Vehicles > 30 MPH : 16862  
 Percent of Vehicles > 30 MPH : 94.6%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

NB

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	19	2	0	0	1	0	0	0	0	0	0	0	22	1
01:00	0	17	4	0	1	0	0	0	0	0	0	0	0	22	1
02:00	0	11	6	0	0	0	0	0	0	0	0	0	0	17	0
03:00	0	14	5	0	0	0	0	0	0	0	0	0	0	19	0
04:00	0	48	14	0	1	1	0	0	0	0	0	0	0	64	2
05:00	1	141	55	0	5	1	0	0	2	1	0	0	0	206	9
06:00	0	312	80	1	13	0	0	0	0	0	0	0	0	406	14
07:00	0	319	65	2	8	3	0	3	0	0	0	0	0	400	16
08:00	0	263	69	6	7	1	0	3	1	0	0	0	0	350	18
09:00	0	184	52	1	10	3	0	3	0	0	0	0	0	253	17
10:00	0	163	48	2	4	2	0	1	0	0	0	0	0	220	9
11:00	0	161	40	0	10	0	0	0	2	0	0	0	0	213	12
12 PM	0	198	44	2	6	0	0	2	0	0	0	0	0	252	10
13:00	0	190	57	3	12	2	0	0	2	0	0	0	0	266	19
14:00	0	224	52	2	14	1	0	2	2	0	0	0	0	297	21
15:00	0	196	63	2	12	3	0	0	0	0	0	0	0	276	17
16:00	0	281	59	1	11	0	0	1	1	0	0	0	0	354	14
17:00	0	253	48	0	9	1	0	1	0	0	0	0	0	312	11
18:00	0	201	54	0	4	1	0	0	0	0	0	0	0	260	5
19:00	0	157	29	0	3	0	0	1	0	0	0	0	0	190	4
20:00	1	125	20	0	3	0	0	0	0	0	0	0	0	149	3
21:00	0	99	20	0	0	0	0	0	0	0	0	0	0	119	0
22:00	0	87	12	0	1	0	0	0	0	0	0	0	0	100	1
23:00	0	45	8	0	1	0	0	0	0	0	0	0	0	54	1
Total	2	3708	906	22	135	20	0	17	10	1	0	0	0	4821	205
Percent	0.0%	76.9%	18.8%	0.5%	2.8%	0.4%	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%		4.3%
AM Peak	05:00	07:00	06:00	08:00	06:00	07:00		07:00	05:00	05:00				06:00	08:00
Vol.	1	319	80	6	13	3		3	2	1				406	18
PM Peak	20:00	16:00	15:00	13:00	14:00	15:00		12:00	13:00					16:00	14:00
Vol.	1	281	63	3	14	3		2	2					354	21

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
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[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

**NB**

Start Time	Bikes	Cars & Trailer	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
08/22/13	0	21	1	0	1	0	0	0	0	0	0	0	0	23	1
01:00	0	15	1	0	0	1	0	0	0	0	0	0	0	17	1
02:00	0	9	4	0	0	0	0	0	0	0	0	0	0	13	0
03:00	1	10	3	0	0	0	0	0	0	0	0	0	0	14	0
04:00	0	45	11	1	0	0	0	0	0	0	0	0	0	57	1
05:00	1	141	50	0	5	3	0	0	4	0	0	0	0	204	12
06:00	0	296	89	2	6	0	0	1	1	0	0	0	0	395	10
07:00	1	313	72	4	10	2	0	2	3	0	0	0	0	407	21
08:00	0	260	67	2	10	0	0	3	1	0	0	0	0	343	16
09:00	0	189	40	3	12	0	0	2	0	0	0	0	0	246	17
10:00	0	161	43	0	9	1	0	0	2	0	0	0	0	216	12
11:00	0	172	34	1	12	1	0	1	1	0	0	0	0	222	16
12 PM	0	173	46	3	11	1	0	0	1	0	0	0	0	235	16
13:00	0	196	34	1	2	0	0	0	1	0	0	0	0	234	4
14:00	0	189	55	0	8	1	0	0	3	0	0	0	0	256	12
15:00	1	190	57	0	4	4	0	1	0	0	0	0	0	257	9
16:00	1	221	53	2	7	2	0	2	0	0	0	0	0	288	13
17:00	0	216	41	0	8	2	0	1	0	0	0	0	0	268	11
18:00	0	160	52	0	4	0	0	2	0	0	0	0	0	218	6
19:00	0	133	25	1	5	0	0	0	0	0	0	0	0	164	6
20:00	0	115	26	0	2	0	0	0	0	0	0	0	0	143	2
21:00	0	114	17	0	1	0	0	0	0	0	0	0	0	132	1
22:00	0	64	12	0	1	0	0	0	0	0	0	0	0	77	1
23:00	0	51	7	0	0	0	0	0	0	0	0	0	0	58	0
Total	5	3454	840	20	118	18	0	15	17	0	0	0	0	4487	188
Percent	0.1%	77.0%	18.7%	0.4%	2.6%	0.4%	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%		4.2%
AM Peak	03:00	07:00	06:00	07:00	09:00	05:00		08:00	05:00					07:00	07:00
Vol.	1	313	89	4	12	3		3	4					407	21
PM Peak	15:00	16:00	15:00	12:00	12:00	15:00		16:00	14:00					16:00	12:00
Vol.	1	221	57	3	11	4		2	3					288	16
Grand Total	7	7162	1746	42	253	38	0	32	27	1	0	0	0	9308	393
Percent	0.1%	76.9%	18.8%	0.5%	2.7%	0.4%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%		4.2%

**Old Colony Planning Council**  
**70 School Street**  
**Brockton, MA 02301**  
**(508) 583-1833**  
[www.ocpcrpa.org](http://www.ocpcrpa.org)

Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

SB

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	45	4	0	1	0	1	0	0	0	0	0	0	51	2
01:00	0	18	8	0	0	0	0	0	0	0	0	0	0	26	0
02:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8	0
03:00	0	12	2	0	1	0	0	0	0	0	0	0	0	15	1
04:00	0	15	2	0	0	0	0	0	0	0	0	0	0	17	0
05:00	2	21	11	0	2	0	0	0	1	0	0	0	0	37	3
06:00	1	73	22	2	7	1	0	0	0	0	0	0	0	106	10
07:00	2	140	45	0	9	0	0	0	0	0	0	0	0	196	9
08:00	0	133	37	3	6	1	0	0	1	0	0	0	0	181	11
09:00	1	113	34	1	7	2	0	2	0	0	0	0	0	160	12
10:00	0	123	30	1	8	1	0	2	1	0	0	0	0	166	13
11:00	2	137	46	0	16	0	0	0	1	0	0	0	0	202	17
12 PM	2	141	35	3	7	0	0	1	0	0	0	0	0	189	11
13:00	4	153	48	2	10	0	0	1	0	0	0	0	0	218	13
14:00	0	205	55	1	9	2	0	0	0	0	0	0	0	272	12
15:00	2	282	73	0	21	0	0	2	4	0	0	0	0	384	27
16:00	4	306	91	0	8	0	0	2	2	0	0	0	0	413	12
17:00	6	336	72	0	22	0	0	0	0	0	0	0	0	436	22
18:00	2	291	53	0	18	0	0	1	0	0	0	0	0	365	19
19:00	2	213	50	0	12	0	0	1	0	0	0	0	0	278	13
20:00	1	171	30	0	5	0	0	3	0	0	0	0	0	210	8
21:00	2	129	31	1	7	0	0	0	0	0	0	0	0	170	8
22:00	0	112	14	0	4	0	0	0	0	0	0	0	0	130	4
23:00	1	93	16	0	2	0	0	0	0	0	0	0	0	112	2
Total	34	3269	810	14	182	7	1	15	10	0	0	0	0	4342	229
Percent	0.8%	75.3%	18.7%	0.3%	4.2%	0.2%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%		5.3%
AM Peak	05:00	07:00	11:00	08:00	11:00	09:00	00:00	09:00	05:00					11:00	11:00
Vol.	2	140	46	3	16	2	1	2	1					202	17
PM Peak	17:00	17:00	16:00	12:00	17:00	14:00		20:00	15:00					17:00	15:00
Vol.	6	336	91	3	22	2		3	4					436	27



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Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

SB

Start Time	Bikes	Cars & Trailer	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
08/22/13	0	27	10	0	0	0	0	0	0	0	0	0	0	37	0
01:00	0	20	6	0	0	0	0	0	0	0	0	0	0	26	0
02:00	0	6	1	0	1	0	0	0	0	0	0	0	0	8	1
03:00	0	11	2	0	3	0	0	0	0	0	0	0	0	16	3
04:00	0	15	5	0	1	1	0	0	0	0	0	0	0	22	2
05:00	3	35	12	0	2	0	0	1	2	0	0	0	0	55	5
06:00	2	63	27	2	7	0	0	0	0	0	0	0	0	101	9
07:00	2	146	39	1	11	2	0	1	2	0	0	0	0	204	17
08:00	0	146	40	2	8	2	0	2	2	0	0	0	0	202	16
09:00	0	109	37	3	5	2	0	1	0	0	0	0	0	157	11
10:00	0	125	31	0	8	1	0	1	1	0	0	0	0	167	11
11:00	0	138	37	0	19	1	0	0	0	0	0	0	0	195	20
12 PM	0	152	38	1	10	1	0	0	1	0	0	0	0	203	13
13:00	0	162	26	3	8	1	0	0	0	0	1	0	0	201	13
14:00	1	191	43	1	9	2	0	1	1	0	0	0	0	249	14
15:00	1	254	83	0	14	1	0	2	2	0	0	0	0	357	19
16:00	4	322	84	3	20	0	0	1	0	0	0	0	0	434	24
17:00	3	328	84	0	13	1	0	1	0	0	0	0	0	430	15
18:00	0	254	52	1	10	1	0	1	0	0	0	0	0	319	13
19:00	1	181	41	0	6	1	0	1	0	0	0	0	0	231	8
20:00	0	151	28	0	7	0	0	0	0	0	0	0	0	186	7
21:00	0	116	18	1	4	0	0	0	0	0	0	0	0	139	5
22:00	1	107	20	0	2	0	0	0	0	0	0	0	0	130	2
23:00	0	92	12	0	2	0	0	0	0	0	0	0	0	106	2
Total	18	3151	776	18	170	17	0	13	11	0	1	0	0	4175	230
Percent	0.4%	75.5%	18.6%	0.4%	4.1%	0.4%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%		5.5%
AM Peak	05:00	07:00	08:00	09:00	11:00	07:00		08:00	05:00					07:00	11:00
Vol.	3	146	40	3	19	2		2	2					204	20
PM Peak	16:00	17:00	16:00	13:00	16:00	14:00		15:00	15:00		13:00			16:00	16:00
Vol.	4	328	84	3	20	2		2	2		1			434	24
Grand Total	52	6420	1586	32	352	24	1	28	21	0	1	0	0	8517	459
Percent	0.6%	75.4%	18.6%	0.4%	4.1%	0.3%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%		5.4%

**Old Colony Planning Council**  
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Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

NB, SB

Start Time	Bikes	Cars & Trailer	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
08/21/13	0	64	6	0	1	1	1	0	0	0	0	0	0	73	3
01:00	0	35	12	0	1	0	0	0	0	0	0	0	0	48	1
02:00	0	18	7	0	0	0	0	0	0	0	0	0	0	25	0
03:00	0	26	7	0	1	0	0	0	0	0	0	0	0	34	1
04:00	0	63	16	0	1	1	0	0	0	0	0	0	0	81	2
05:00	3	162	66	0	7	1	0	0	3	1	0	0	0	243	12
06:00	1	385	102	3	20	1	0	0	0	0	0	0	0	512	24
07:00	2	459	110	2	17	3	0	3	0	0	0	0	0	596	25
08:00	0	396	106	9	13	2	0	3	2	0	0	0	0	531	29
09:00	1	297	86	2	17	5	0	5	0	0	0	0	0	413	29
10:00	0	286	78	3	12	3	0	3	1	0	0	0	0	386	22
11:00	2	298	86	0	26	0	0	0	3	0	0	0	0	415	29
12 PM	2	339	79	5	13	0	0	3	0	0	0	0	0	441	21
13:00	4	343	105	5	22	2	0	1	2	0	0	0	0	484	32
14:00	0	429	107	3	23	3	0	2	2	0	0	0	0	569	33
15:00	2	478	136	2	33	3	0	2	4	0	0	0	0	660	44
16:00	4	587	150	1	19	0	0	3	3	0	0	0	0	767	26
17:00	6	589	120	0	31	1	0	1	0	0	0	0	0	748	33
18:00	2	492	107	0	22	1	0	1	0	0	0	0	0	625	24
19:00	2	370	79	0	15	0	0	2	0	0	0	0	0	468	17
20:00	2	296	50	0	8	0	0	3	0	0	0	0	0	359	11
21:00	2	228	51	1	7	0	0	0	0	0	0	0	0	289	8
22:00	0	199	26	0	5	0	0	0	0	0	0	0	0	230	5
23:00	1	138	24	0	3	0	0	0	0	0	0	0	0	166	3
<b>Total</b>	<b>36</b>	<b>6977</b>	<b>1716</b>	<b>36</b>	<b>317</b>	<b>27</b>	<b>1</b>	<b>32</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9163</b>	<b>434</b>
<b>Percent</b>	<b>0.4%</b>	<b>76.1%</b>	<b>18.7%</b>	<b>0.4%</b>	<b>3.5%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>4.7%</b>
<b>AM Peak</b>	<b>05:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>11:00</b>	<b>09:00</b>	<b>00:00</b>	<b>09:00</b>	<b>05:00</b>	<b>05:00</b>				<b>07:00</b>	<b>08:00</b>
<b>Vol.</b>	<b>3</b>	<b>459</b>	<b>110</b>	<b>9</b>	<b>26</b>	<b>5</b>	<b>1</b>	<b>5</b>	<b>3</b>	<b>1</b>				<b>596</b>	<b>29</b>
<b>PM Peak</b>	<b>17:00</b>	<b>17:00</b>	<b>16:00</b>	<b>12:00</b>	<b>15:00</b>	<b>14:00</b>		<b>12:00</b>	<b>15:00</b>					<b>16:00</b>	<b>15:00</b>
<b>Vol.</b>	<b>6</b>	<b>589</b>	<b>150</b>	<b>5</b>	<b>33</b>	<b>3</b>		<b>3</b>	<b>4</b>					<b>767</b>	<b>44</b>

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Community: Brockton  
 Com#\_UR/FC: 44\_U5  
 Recorder #: 13243  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 21-Aug-13  
 Date End: 22-Aug-13  
 N Quincy St, south of Chestnut St

**NB, SB**

Start Time	Bikes	Cars & Trailer	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
08/22/13	0	48	11	0	1	0	0	0	0	0	0	0	0	60	1
01:00	0	35	7	0	0	1	0	0	0	0	0	0	0	43	1
02:00	0	15	5	0	1	0	0	0	0	0	0	0	0	21	1
03:00	1	21	5	0	3	0	0	0	0	0	0	0	0	30	3
04:00	0	60	16	1	1	1	0	0	0	0	0	0	0	79	3
05:00	4	176	62	0	7	3	0	1	6	0	0	0	0	259	17
06:00	2	359	116	4	13	0	0	1	1	0	0	0	0	496	19
07:00	3	459	111	5	21	4	0	3	5	0	0	0	0	611	38
08:00	0	406	107	4	18	2	0	5	3	0	0	0	0	545	32
09:00	0	298	77	6	17	2	0	3	0	0	0	0	0	403	28
10:00	0	286	74	0	17	2	0	1	3	0	0	0	0	383	23
11:00	0	310	71	1	31	2	0	1	1	0	0	0	0	417	36
12 PM	0	325	84	4	21	2	0	0	2	0	0	0	0	438	29
13:00	0	358	60	4	10	1	0	0	1	0	1	0	0	435	17
14:00	1	380	98	1	17	3	0	1	4	0	0	0	0	505	26
15:00	2	444	140	0	18	5	0	3	2	0	0	0	0	614	28
16:00	5	543	137	5	27	2	0	3	0	0	0	0	0	722	37
17:00	3	544	125	0	21	3	0	2	0	0	0	0	0	698	26
18:00	0	414	104	1	14	1	0	3	0	0	0	0	0	537	19
19:00	1	314	66	1	11	1	0	1	0	0	0	0	0	395	14
20:00	0	266	54	0	9	0	0	0	0	0	0	0	0	329	9
21:00	0	230	35	1	5	0	0	0	0	0	0	0	0	271	6
22:00	1	171	32	0	3	0	0	0	0	0	0	0	0	207	3
23:00	0	143	19	0	2	0	0	0	0	0	0	0	0	164	2
<b>Total</b>	<b>23</b>	<b>6605</b>	<b>1616</b>	<b>38</b>	<b>288</b>	<b>35</b>	<b>0</b>	<b>28</b>	<b>28</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>8662</b>	<b>418</b>
<b>Percent</b>	<b>0.3%</b>	<b>76.3%</b>	<b>18.7%</b>	<b>0.4%</b>	<b>3.3%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>4.8%</b>
<b>AM Peak Vol.</b>	<b>4</b>	<b>459</b>	<b>116</b>	<b>6</b>	<b>31</b>	<b>4</b>		<b>5</b>	<b>6</b>					<b>611</b>	<b>38</b>
<b>PM Peak Vol.</b>	<b>5</b>	<b>544</b>	<b>140</b>	<b>5</b>	<b>27</b>	<b>5</b>		<b>3</b>	<b>4</b>		<b>1</b>			<b>722</b>	<b>37</b>
<b>Grand Total</b>	<b>59</b>	<b>13582</b>	<b>3332</b>	<b>74</b>	<b>605</b>	<b>62</b>	<b>1</b>	<b>60</b>	<b>48</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>17825</b>	<b>852</b>
<b>Percent</b>	<b>0.3%</b>	<b>76.2%</b>	<b>18.7%</b>	<b>0.4%</b>	<b>3.4%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>4.8%</b>

# Warrants Summary Report

## 1: NQuincy at Boundary

### Intersection Information:

	Major Street	Minor Street
Street Name	N. Quincy Street	Chestnut Street
Direction	NB/SB	EB/WB
Number of Lanes	1	1
Approach Speed	30	30

Warrant	Met?	Notes
<b>Warrant 1, Eight-Hour Vehicular Volume</b>		
	<b>Yes</b>	
Condition A or B Met?	Yes	11 Hours met (8 required)
Condition A and B Met?	Yes	8 Hours met (8 required)
<b>Warrant 2, Four-Hour Vehicular Volume</b>		
	<b>Yes</b>	10 Hours met (4 required)
<b>Warrant 3, Peak Hour</b>		
	<b>Yes</b>	
Condition A Met?	No	0 Hours met (1 required)
Condition B Met?	Yes	7 Hours met (1 required)
<b>Warrant 4, Pedestrian Volume</b>		
	<b>No</b>	
Condition A Met?	No	0 Hours met (4 required)
Condition B Met?	No	0 Hours met (1 required)

**Intersection Information:**

	<b>Major Street</b>	<b>Minor Street</b>
<b>Street Name</b>	N. Quincy Street	Chestnut Street
<b>Direction</b>	NB/SB	EB/WB
<b>Number of Lanes</b>	1	1
<b>Approach Speed</b>	30	30

<b>Warrant</b>	<b>Met?</b>	<b>Notes</b>
<b>Warrant 5, School Crossing</b>	No	
<b>Warrant 6, Coordinated Signal System</b>	No	
<b>Warrant 7, Crash Experience</b>	No	
Traffic Volume Condition?	No	0 Hours met (8 required)
Ped Condition?	Yes	15 Hours met (8 required)
<b>Warrant 8, Roadway Network</b>	Yes	
<b>Warrant 9, Intersection Near a Grade Crossing</b>	No	

**Intersection Information:**

	<b>Major Street</b>	<b>Minor Street</b>
<b>Street Name</b>	N. Quincy Street	Chestnut Street
<b>Direction</b>	NB/SB	EB/WB
<b>Number of Lanes</b>	1	1
<b>Approach Speed</b>	30	30

<b>Warrant</b>	<b>Met?</b>	<b>Notes</b>
<b>AWSC Warrant, Multiway Stop Application</b>		
	<b>Yes</b>	
Condition A Met?	Yes	
Condition B Met?	Yes	
Condition C Met?	No	

# Warrant 1: Eight-hour Vehicular Volume

## 1: NQuincy at Boundary

### Intersection Information:

<b>Major Street</b>	N. Quincy Street
<b>Major Direction</b>	NB/SB
<b>Minor Direction</b>	EB/WB

Warrant 1 Met?

**Yes**

### Details:

Condition A or B Met?	<b>Yes</b>	11 Hours met (8 required)
Condition A and B Met?	<b>Yes</b>	8 Hours met (8 required)

Hour	Major Street Vehicles (total of both approaches)	Condition A		Condition B		High-volume Minor Approach Vehicles	Condition A		Condition B		70% Standard Met? Cond. A OR Cond. B		56% Standard Met? Cond. A AND Cond. B	
		Volume >= 70% (350)?	Volume >= 56% (280)?	Volume >= 70% (525)?	Volume >= 56% (420)?		Volume >= 70% (105)?	Volume >= 56% (84)?	Volume >= 70% (53)?	Volume >= 56% (42)?	Condition A 70% Column	Condition B 70% Column	Condition A 56% Column	Condition B 56% Column
00:00 to 01:00	51	No	No	No	No	22	No	No	No	No	No	No	No	No
01:00 to 02:00	34	No	No	No	No	18	No	No	No	No	No	No	No	No
02:00 to 03:00	19	No	No	No	No	5	No	No	No	No	No	No	No	No
03:00 to 04:00	24	No	No	No	No	12	No	No	No	No	No	No	No	No
04:00 to 05:00	70	No	No	No	No	31	No	No	No	No	No	No	No	No
05:00 to 06:00	227	No	No	No	No	87	No	Yes	Yes	Yes	No	No	No	No
06:00 to 07:00	460	Yes	Yes	No	Yes	210	Yes	Yes	Yes	Yes	Yes*	No	Yes*	Yes*
07:00 to 08:00	506	Yes	Yes	No	Yes	248	Yes	Yes	Yes	Yes	Yes*	No	Yes*	Yes*
08:00 to 09:00	454	Yes	Yes	No	Yes	240	Yes	Yes	Yes	Yes	Yes*	No	Yes*	Yes*
09:00 to 10:00	348	No	Yes	No	No	180	Yes	Yes	Yes	Yes	No	No	Yes	No

10:00 to 11:00	319	No	Yes	No	No	172	Yes	Yes	Yes	Yes	No	No	Yes	No
11:00 to 12:00	346	No	Yes	No	No	173	Yes	Yes	Yes	Yes	No	No	Yes	No
12:00 to 13:00	364	Yes	Yes	No	No	210	Yes	Yes	Yes	Yes	Yes*	No	Yes	No
13:00 to 14:00	381	Yes	Yes	No	No	214	Yes	Yes	Yes	Yes	Yes*	No	Yes	No
14:00 to 15:00	450	Yes	Yes	No	Yes	262	Yes	Yes	Yes	Yes	Yes*	No	Yes*	Yes*
15:00 to 16:00	511	Yes	Yes	No	Yes	300	Yes	Yes	Yes	Yes	Yes*	No	Yes*	Yes*
16:00 to 17:00	619	Yes	Yes	Yes	Yes	414	Yes	Yes	Yes	Yes	Yes*	Yes*	Yes*	Yes*
17:00 to 18:00	588	Yes	Yes	Yes	Yes	388	Yes	Yes	Yes	Yes	Yes*	Yes*	Yes*	Yes*
18:00 to 19:00	484	Yes	Yes	No	Yes	275	Yes	Yes	Yes	Yes	Yes*	No	Yes*	Yes*
19:00 to 20:00	356	Yes	Yes	No	No	175	Yes	Yes	Yes	Yes	Yes*	No	Yes	No
20:00 to 21:00	300	No	Yes	No	No	152	Yes	Yes	Yes	Yes	No	No	Yes	No
21:00 to 22:00	233	No	No	No	No	107	Yes	Yes	Yes	Yes	No	No	No	No
22:00 to 23:00	164	No	No	No	No	81	No	No	Yes	Yes	No	No	No	No
23:00 to 00:00	131	No	No	No	No	48	No	No	No	Yes	No	No	No	No



# Warrant 2: Four-hour Vehicular Volume

## 1: NQuincy at Boundary

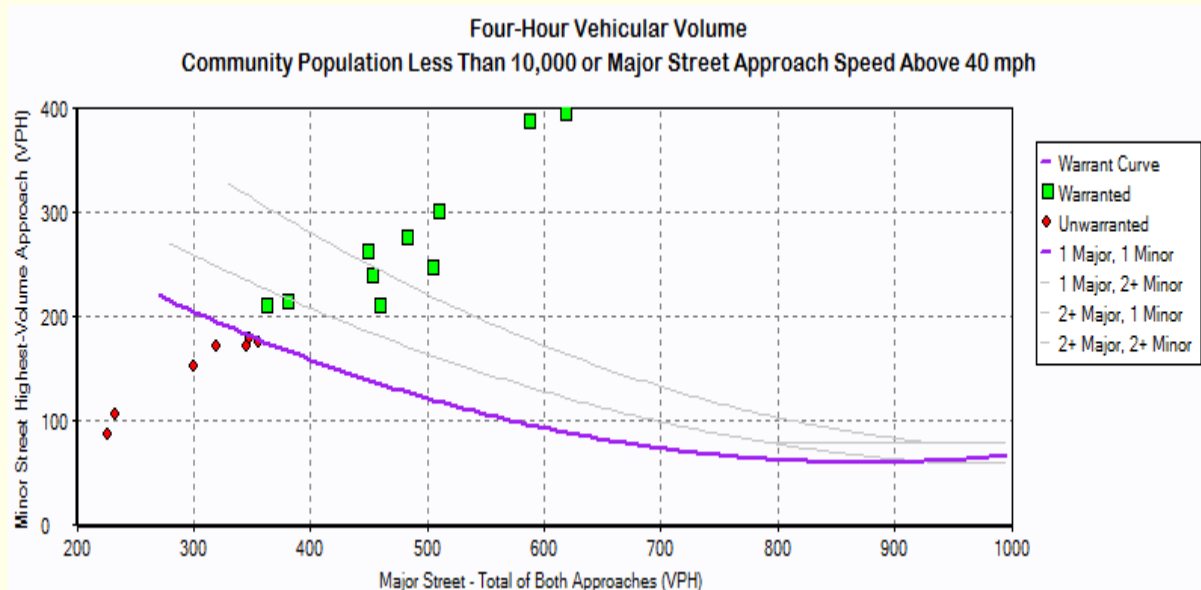
### Intersection Information

	Major Street	Minor Street
Street Name	N. Quincy Street	Chestnut Street
Direction	NB/SB	EB/WB
Number of Lanes	1	1
Approach Speed	30	30

Warrant 2 Met? Yes

### Details:

<b>Notes:</b>	10 Hours met (4 required)
<b>Low Population?</b>	No



Hourly Volumes		
Hour	Major Street Total of both approaches (VPH)	Minor Street Highest volume approach (VPH)
00:00:00 - 01:00:00	51.00	22.00
01:00:00 - 02:00:00	34.00	18.00
02:00:00 - 03:00:00	19.00	5.00
03:00:00 - 04:00:00	24.00	12.00
04:00:00 - 05:00:00	70.00	31.00
05:00:00 - 06:00:00	227.00	87.00
06:00:00 - 07:00:00	460.00	210.00
07:00:00 - 08:00:00	506.00	248.00
08:00:00 - 09:00:00	454.00	240.00
09:00:00 - 10:00:00	348.00	180.00
10:00:00 - 11:00:00	319.00	172.00
11:00:00 - 12:00:00	346.00	173.00
12:00:00 - 13:00:00	364.00	210.00
13:00:00 - 14:00:00	381.00	214.00
14:00:00 - 15:00:00	450.00	262.00
15:00:00 - 16:00:00	511.00	300.00
16:00:00 - 17:00:00	619.00	414.00
17:00:00 - 18:00:00	588.00	388.00
18:00:00 - 19:00:00	484.00	275.00
19:00:00 - 20:00:00	356.00	175.00
20:00:00 - 21:00:00	300.00	152.00
21:00:00 - 22:00:00	233.00	107.00
22:00:00 - 23:00:00	164.00	81.00
23:00:00 - 00:00:00	131.00	48.00

<b>Warranted Hours</b>		
<b>Hour</b>	<b>Major Volume</b>	<b>Minor Volume</b>
06:00:00 - 07:00:00	460.00	210.00
07:00:00 - 08:00:00	506.00	248.00
08:00:00 - 09:00:00	454.00	240.00
12:00:00 - 13:00:00	364.00	210.00
13:00:00 - 14:00:00	381.00	214.00
14:00:00 - 15:00:00	450.00	262.00
15:00:00 - 16:00:00	511.00	300.00
16:00:00 - 17:00:00	619.00	414.00
17:00:00 - 18:00:00	588.00	388.00
18:00:00 - 19:00:00	484.00	275.00

Note: Only data of hours warranted is represented in the above table.

## Warrant 3: Peak Hour 1: NQuincy at Boundary

### Intersection Information:

	Major Street	Minor Street
<b>Street Name</b>	N. Quincy Street	Chestnut Street
<b>Direction</b>	NB/SB	EB/WB
<b>Number of Lanes</b>	1	1
<b>Approach Speed</b>	30	30

Warrant 3 Met? Yes

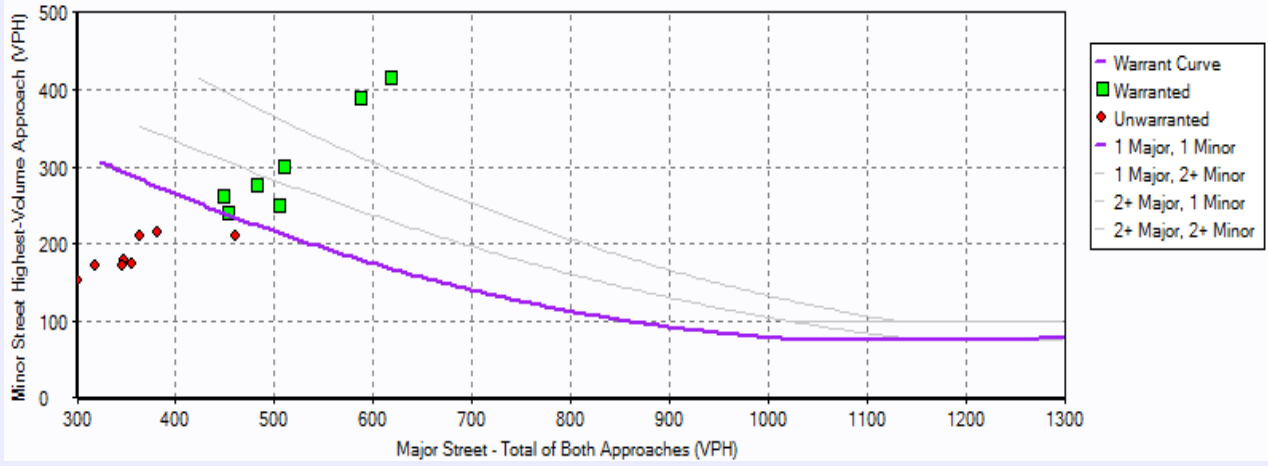
### Details:

Low Population?	<span style="background-color: #FF6347; padding: 2px 10px;">No</span>
Condition A Met?	<span style="background-color: #FF6347; padding: 2px 10px;">No</span>
Notes:	0 Hours met (1 required)
Minor Approach Time Delay Condition	<span style="background-color: #FF6347; padding: 2px 10px;">Not Met</span>
Minor Approach Volume Condition	<span style="background-color: #90EE90; padding: 2px 10px;">Met</span>
Total Entering Intersection Volume Condition	<span style="background-color: #FF6347; padding: 2px 10px;">Not Met</span>
Condition B Met?	<span style="background-color: #90EE90; padding: 2px 10px;">Yes</span>
Notes:	7 Hours met (1 required)

### Warrant 3

#### Peak Hour Vehicular Volume

Community Population Less Than 10,000 or Major Street Approach Speed Above 40 mph



Note: Please turn over for volume information.

Warranted / Unwarranted

Hour	Major Street Total of both approaches (VPH)	Minor Street Highest volume approach (VPH)
0:00	51	22
1:00	34	18
2:00	19	5
3:00	24	12
4:00	70	31
5:00	227	87
6:00	460	210
7:00	506	248
8:00	454	240
9:00	348	180
10:00	319	172
11:00	346	173
12:00	364	210
13:00	381	214
14:00	450	262
15:00	511	300
16:00	619	414
17:00	588	388
18:00	484	275
19:00	356	175
20:00	300	152
21:00	233	107
22:00	164	81
23:00	131	48

Federal 2009

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8/27/2013

Federal 2009

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## Warrant 4: Pedestrian Volume 1: NQuincy at Boundary

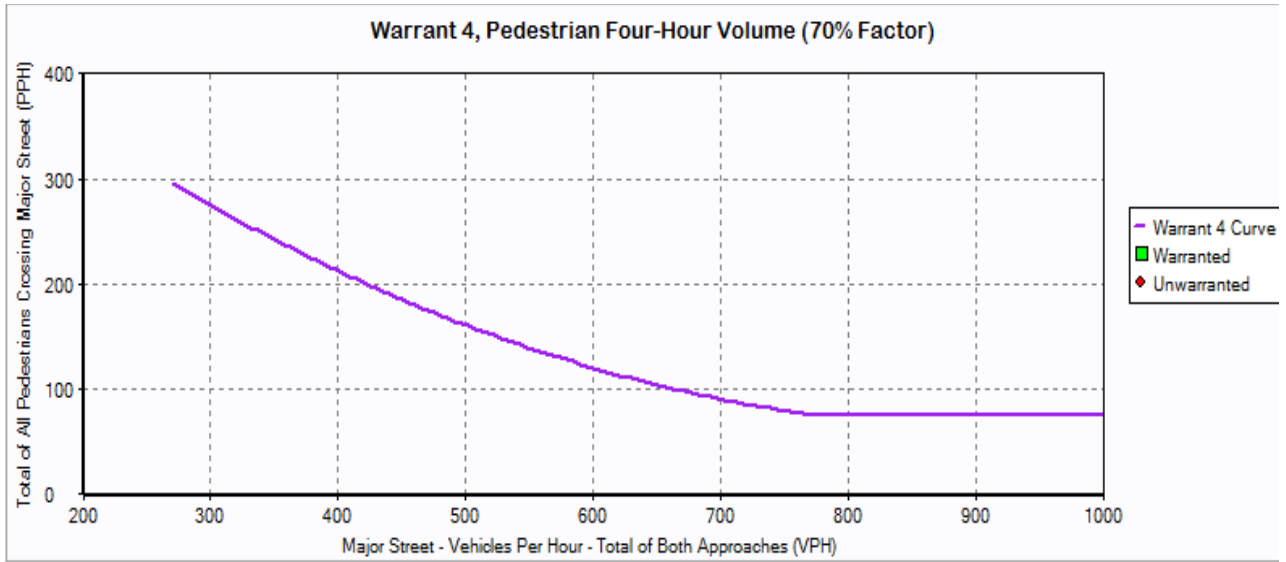
**Intersection Information:**

	Major Street	Minor Street
<b>Street Name</b>	N. Quincy Street	Chestnut Street
<b>Direction</b>	NB/SB	EB/WB
<b>Number of Lanes</b>	1	1
<b>Approach Speed</b>	30	30

Warrant 4 Met? No

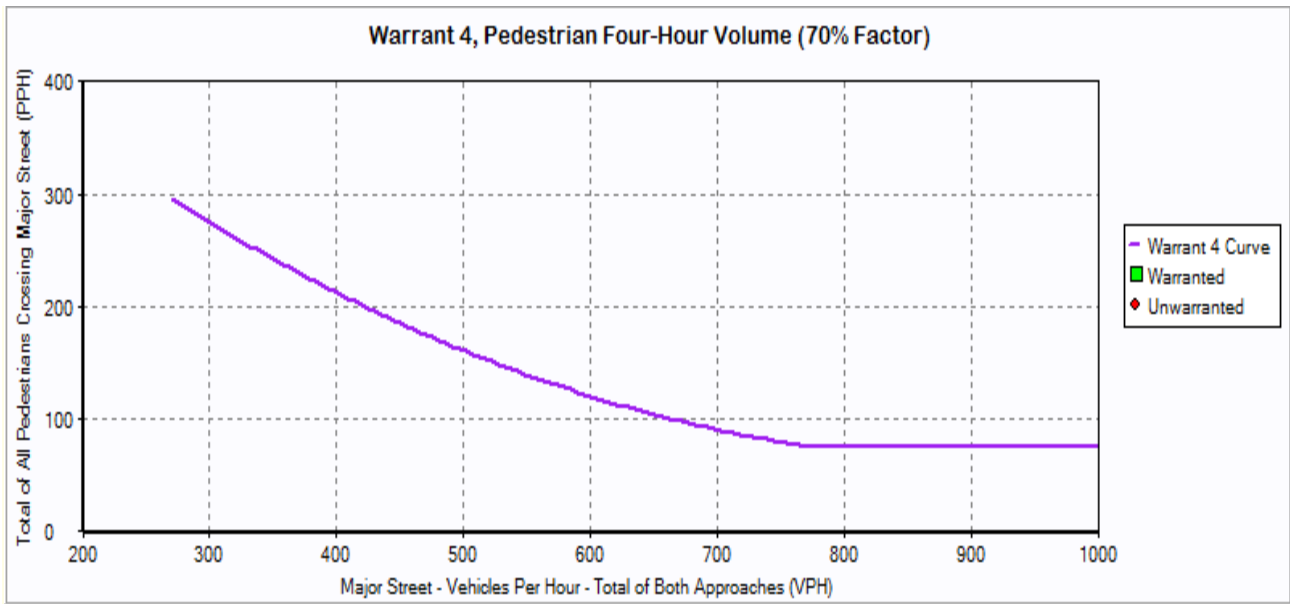
**Details:**

Pedestrian Four-Hour Volume Warrant met?	<span style="background-color: #FF0000; color: white; padding: 2px 10px; font-weight: bold;">No</span>
Pedestrian Peak Hour Warrant Met?	<span style="background-color: #FF0000; color: white; padding: 2px 10px; font-weight: bold;">No</span>
Notes:	0 Hours met (4 required)
Speed limit or 85th-percentile speed on the major street > 35 mph, or intersection lies within an isolated community with population < 10,000	<span style="background-color: #90EE90; color: green; padding: 2px 10px; font-weight: bold;">Yes</span>



<b>Warranted / Unwarranted</b>		
Hour	Major Street Vehicle Volume (VPH)	Volume of Pedestrians Crossing Major Street (VPH)





Pedestrian Peak Hour		
Hour	Vehicular Volume	Pedestrian Volume
N/A	N/A	N/A

## Warrant 5: School Crossing

### 1: NQuincy at Boundary

#### Intersection Information:

<b>Major Street Name</b>	N. Quincy Street
<b>Major Direction</b>	NB/SB

Warrant 5 Met? **No**

#### Details:

Time Period Interval for Students Crossing (min)	<b>0</b>
Number of Students Crossing in Time Period	<b>0</b>
Number of Adequate Gaps in Time Period	<b>0</b>
Other Remedial Measures Attempted?	<b>No</b>
Adjacent Signal on NB approach?	<b>No</b>
Distance to signal on NB Approach (ft)	-
Adjacent Signal on SB approach?	<b>No</b>
Distance to signal on SB Approach (ft)	-
Will New Signal Restrict Progressive Traffic?	<b>No</b>

## Warrant 6: Coordinated Signal System 1: NQuincy at Boundary

**Intersection Information:**

<b>Major Street Name</b>	N. Quincy Street
<b>Major Direction</b>	NB/SB

Warrant 6 Met? No

**Details:**

Approach Dir/Name	Acceptable Platooning?	Adjacent Coordinating Signal?	Adjacent Intersection Distance
<hr/>			
EB Approach (Boundary Avenue)	<span style="background-color: lightgreen; padding: 2px 10px;">Yes</span>	<span style="background-color: red; color: white; padding: 2px 10px;">No</span>	N/A
<hr/>			
WB Approach (Chestnut Street)	<span style="background-color: lightgreen; padding: 2px 10px;">Yes</span>	<span style="background-color: red; color: white; padding: 2px 10px;">No</span>	N/A
<hr/>			
NB Approach (N. Quincy Street)	<span style="background-color: lightgreen; padding: 2px 10px;">Yes</span>	<span style="background-color: red; color: white; padding: 2px 10px;">No</span>	N/A
<hr/>			
SB Approach (N. Quincy Street)	<span style="background-color: lightgreen; padding: 2px 10px;">Yes</span>	<span style="background-color: red; color: white; padding: 2px 10px;">No</span>	N/A

**Unacceptable Platooning?**  
(At least one approach)

**No**

**Distance to Closest Signal**  
(Must be N/A or >= 1000)

**N/A**

# Warrant 7: Crash Experience

## 1: NQuincy at Boundary

**Intersection Information:**

<b>Major Street Name</b>	N. Quincy Street
<b>Major Direction</b>	NB/SB
<b>Minor Direction</b>	EB/WB

Warrant 7 Met? No

**Details:**

Low Population? <b>No</b> Major Street Speed Limit <b>30</b> Major Street 85th-Percentile Speed <b>43.00</b>
Qualifying Crashes <b>7</b> Adequate Alternative Trials? <b>No</b> Traffic Volume Condition Met? <b>Yes</b> 15 Hours Met (8 Required) Ped Volume Condition Met? <b>No</b> 0 Hours Met (8 Required)

Hour	Traffic Volumes				Pedestrian Volumes			
	Major Street Vehicles	Minor Street Vehicles	56% Standard Met? A OR B		Eastbound Ped Volumes		Westbound Ped Volumes	
			Condition A	Condition B	Peds	> 80?	Peds	> 80?
00:00 to 01:00	51	0	No	No	0	No	0	No
01:00 to 02:00	34	0	No	No	0	No	0	No
02:00 to 03:00	19	0	No	No	0	No	0	No
03:00 to 04:00	24	0	No	No	0	No	0	No
04:00 to 05:00	70	0	No	No	0	No	0	No
05:00 to 06:00	227	0	No	No	0	No	0	No
06:00 to 07:00	460	0	No	No	0	No	0	No
07:00 to 08:00	506	0	No	No	0	No	0	No

08:00 to 09:00	454	0	No	No	0	No	0	No
09:00 to 10:00	348	0	No	No	0	No	0	No
10:00 to 11:00	319	0	No	No	0	No	0	No
11:00 to 12:00	346	0	No	No	0	No	0	No
12:00 to 13:00	364	0	No	No	0	No	0	No
13:00 to 14:00	381	0	No	No	0	No	0	No
14:00 to 15:00	450	0	No	No	0	No	0	No
15:00 to 16:00	511	0	No	No	0	No	0	No
16:00 to 17:00	619	0	No	No	0	No	0	No
17:00 to 18:00	588	0	No	No	0	No	0	No
18:00 to 19:00	484	0	No	No	0	No	0	No
19:00 to 20:00	356	0	No	No	0	No	0	No
20:00 to 21:00	300	0	No	No	0	No	0	No
21:00 to 22:00	233	0	No	No	0	No	0	No
22:00 to 23:00	164	0	No	No	0	No	0	No
23:00 to 00:00	131	0	No	No	0	No	0	No

## Warrant 8: Roadway Network 1: NQuincy at Boundary

**Intersection Information:**

<b>Major Street Name</b>	N. Quincy Street
<b>Major Direction</b>	NB/SB
<b>Minor Direction</b>	EB/WB

Warrant 8 Met? (A or B) Yes

**Details:**

Growth Rates (per year)							
NB		SB		EB		WB	
L	0.00%	L	0.00%	L	0.00%	L	0.00%
T	0.00%	T	0.00%	T	0.00%	T	0.00%
R	0.00%	R	0.00%	R	0.00%	R	0.00%

Condition A, Total Entering Volume	Condition B, Non-normal Business Day																																								
<table style="width: 100%; border-collapse: collapse;"> <tr><td><b>Existing Peak Hour</b></td><td style="text-align: right;">1253</td></tr> <tr><td><b>Years</b></td><td style="text-align: right;">0.00</td></tr> <tr><td><b>Future Peak Hour</b></td><td style="text-align: right;">1253</td></tr> <tr><td><b>Warrant 1 in 5 Years?</b></td><td style="text-align: right;">No</td></tr> <tr><td><b>Warrant 2 in 5 Years?</b></td><td style="text-align: right;">Yes</td></tr> <tr><td><b>Warrant 3 in 5 Years?</b></td><td style="text-align: right;">Yes</td></tr> </table>	<b>Existing Peak Hour</b>	1253	<b>Years</b>	0.00	<b>Future Peak Hour</b>	1253	<b>Warrant 1 in 5 Years?</b>	No	<b>Warrant 2 in 5 Years?</b>	Yes	<b>Warrant 3 in 5 Years?</b>	Yes	<table style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2"><u>Existing</u></td></tr> <tr><td><b>Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Second Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Third Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Fourth Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Fifth Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Yearly Growth Rate</b></td><td style="text-align: right;">0.00%</td></tr> <tr><td><b>Years</b></td><td style="text-align: right;">0.00</td></tr> <tr><td colspan="2"><u>Future</u></td></tr> <tr><td><b>Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Second Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Third Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Fourth Highest Hour</b></td><td style="text-align: right;">0</td></tr> <tr><td><b>Fifth Highest Hour</b></td><td style="text-align: right;">0</td></tr> </table>	<u>Existing</u>		<b>Highest Hour</b>	0	<b>Second Highest Hour</b>	0	<b>Third Highest Hour</b>	0	<b>Fourth Highest Hour</b>	0	<b>Fifth Highest Hour</b>	0	<b>Yearly Growth Rate</b>	0.00%	<b>Years</b>	0.00	<u>Future</u>		<b>Highest Hour</b>	0	<b>Second Highest Hour</b>	0	<b>Third Highest Hour</b>	0	<b>Fourth Highest Hour</b>	0	<b>Fifth Highest Hour</b>	0
<b>Existing Peak Hour</b>	1253																																								
<b>Years</b>	0.00																																								
<b>Future Peak Hour</b>	1253																																								
<b>Warrant 1 in 5 Years?</b>	No																																								
<b>Warrant 2 in 5 Years?</b>	Yes																																								
<b>Warrant 3 in 5 Years?</b>	Yes																																								
<u>Existing</u>																																									
<b>Highest Hour</b>	0																																								
<b>Second Highest Hour</b>	0																																								
<b>Third Highest Hour</b>	0																																								
<b>Fourth Highest Hour</b>	0																																								
<b>Fifth Highest Hour</b>	0																																								
<b>Yearly Growth Rate</b>	0.00%																																								
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<b>Highest Hour</b>	0																																								
<b>Second Highest Hour</b>	0																																								
<b>Third Highest Hour</b>	0																																								
<b>Fourth Highest Hour</b>	0																																								
<b>Fifth Highest Hour</b>	0																																								

Condition A Met? Yes

Condition B Met? No

## Warrant 9: Intersection Near a Grade Crossing 1: NQuincy at Boundary

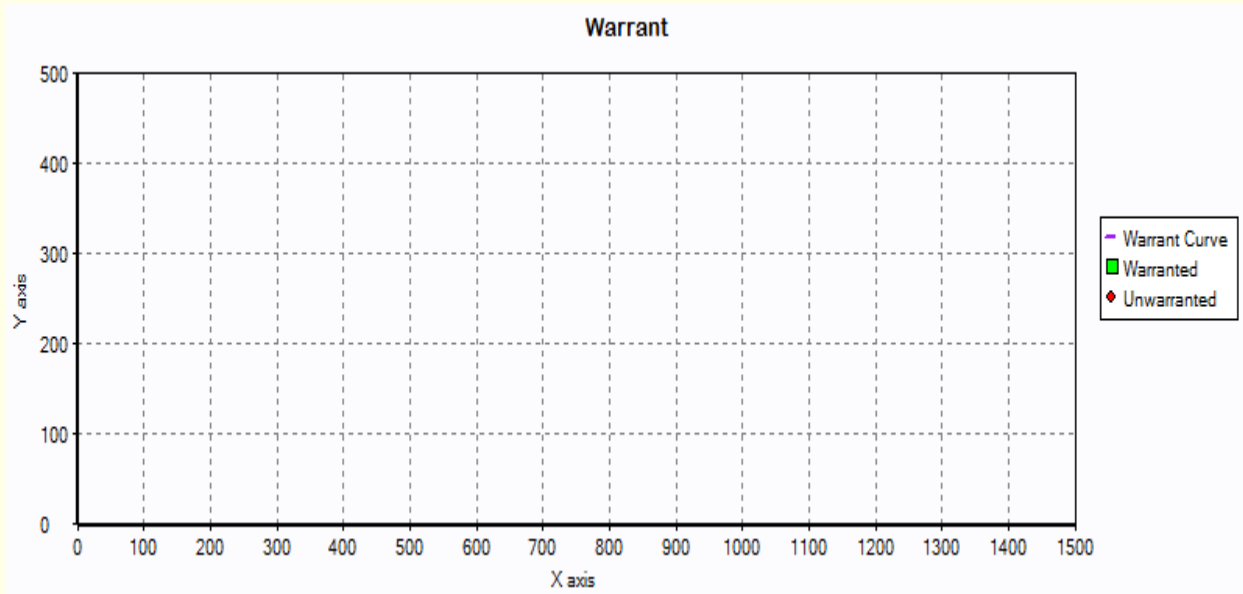
**Intersection Information:**

	Major Street	Minor Street
<b>Street Name</b>	N. Quincy Street	Chestnut Street
<b>Direction</b>	NB/SB	EB/WB
<b>Number of Lanes</b>	1	1
<b>Approach Speed</b>	30	30

Warrant 9 Met? No

**Details:**

Note: No approach with a railroad grade crossing	
Minor-street approach having a grade crossing	
Distance from the center of the track to the stop or yield line	interpolated
Number of occurrences of rail traffic per day	Adjustment factor
Percentage of high-occupancy buses crossing the track	% Adjustment factor
Percentage of tractor-trailer trucks crossing the track	% Adjustment factor
The rail traffic arrival times are unknown, the highest traffic volume hour of the day is used	



<b>Warranted / Unwarranted</b>		
<b>Hour</b>	<b>Major Street Total of Both Approaches (VPH)</b>	<b>Adjusted Volume of Minor Approach Crossing the Track (VPH)</b>



## All-Way Stop Control Warrant : Multiway Stop Applications 1: NQuincy at Boundary

### Intersection Information:

<b>Major Street Name</b>	N. Quincy Street
<b>Major Direction</b>	NB/SB
<b>Minor Direction</b>	EB/WB

AWSC Warrant Met? Yes

### Details:

Condition A Met?	<span style="background-color: #90EE90; padding: 2px;">Yes</span>
Condition B Met?	<span style="background-color: #90EE90; padding: 2px;">Yes</span>
Condition C Met?	<span style="background-color: #FF0000; color: white; padding: 2px;">No</span> Delay for highest hour < 30 sec/veh

Qualifying Crashes	7
Major Street 85th-Percentile Speed	43.00
Major Street Speed Limit	30

Hour	Traffic Volumes		Bicycle Volumes		Ped Volumes		Condition C		
	Major Street Vehicles	Minor Street Vehicles	Eastbound Bicycle Volumes	Westbound Bicycle Volumes	Eastbound Bicycle Volumes	Westbound Bicycle Volumes	Major Street	Minor Street	
							(Total Vehicle Volume) >= 210	Avg(Veh + Ped + Bicycle) >= 200	Delay >= 30
06:00 to 07:00	460	260	0	0	0	0	Yes	No	No
07:00 to 08:00	506	328	0	0	0	0	Yes	No	No
08:00 to 09:00	454	332	0	0	0	0	Yes	No	No
09:00 to 10:00	348	244	0	0	0	0	Yes	No	No
10:00 to 11:00	319	240	0	0	0	0	Yes	No	No
11:00 to 12:00	346	251	0	0	0	0	Yes	No	No
12:00 to 13:00	364	304	0	0	0	0	Yes	No	No
13:00 to 14:00	381	309	0	0	0	0	Yes	No	No
14:00 to 15:00	450	372	0	0	0	0	Yes	No	No
15:00 to 16:00	511	453	0	0	0	0	Yes	No	No
16:00 to 17:00	619	634	0	0	0	0	Yes	No	No
17:00 to 18:00	588	612	0	0	0	0	Yes	No	No
18:00 to 19:00	484	435	0	0	0	0	Yes	No	No
19:00 to 20:00	356	273	0	0	0	0	Yes	No	No
20:00 to 21:00	300	234	0	0	0	0	Yes	No	No

**Intersection**

Intersection Delay, s/veh 25.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	0	84	5	101	228	17	4	241	189	22	89	4
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	78	78	78	89	89	89	94	94	94	85	85	85
Heavy Vehicles, %	6	6	6	2	2	2	5	5	5	4	4	4
Mvmt Flow	0	108	6	113	256	19	4	256	201	26	105	5

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	662	625	107	581	526	357	109	0	0	457	0	0
Stage 1	159	159	-	365	365	-	-	-	-	-	-	-
Stage 2	503	466	-	216	161	-	-	-	-	-	-	-
Follow-up Headway	3.554	4.054	3.354	3.518	4.018	3.318	2.245	-	-	2.236	-	-
Pot Capacity-1 Maneuver	370	396	936	425	457	687	1463	-	-	1093	-	-
Stage 1	834	759	-	654	623	-	-	-	-	-	-	-
Stage 2	543	556	-	786	765	-	-	-	-	-	-	-
Time blocked-Platoon, %								-	-	-	-	-
Mov Capacity-1 Maneuver	191	385	936	324	444	687	1463	-	-	1093	-	-
Mov Capacity-2 Maneuver	191	385	-	324	444	-	-	-	-	-	-	-
Stage 1	831	740	-	651	621	-	-	-	-	-	-	-
Stage 2	309	554	-	650	746	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	17.6		66.2		0.1		1.6	
HCM LOS	C		F					

Minor Lane / Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1463	-	-	398	407	1093	-	-
HCM Lane V/C Ratio	0.003	-	-	0.287	0.955	0.024	-	-
HCM Control Delay (s)	7.468	0	-	17.6	66.2	8.374	0	-
HCM Lane LOS	A	A		C	F	A	A	
HCM 95th %tile Q(veh)	0.009	-	-	1.167	10.988	0.073	-	-

**Notes**

~ : Volume Exceeds Capacity; \$ : Delay Exceeds 300 Seconds; Error : Computation Not Defined

**Intersection**

Intersection Delay, s/veh 156

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	2	187	4	184	128	30	3	155	133	52	269	6
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	94	94	94	87	87	87	81	81	81
Heavy Vehicles, %	1	1	1	3	3	3	1	1	1	1	1	1
Mvmt Flow	2	203	4	196	136	32	3	178	153	64	332	7

Major/Minor	Minor2	Minor1	Major1	Major2
Conflicting Flow All	810	802	336	829
Stage 1	464	464	-	261
Stage 2	346	338	-	568
Follow-up Headway	3.509	4.009	3.309	3.527
Pot Capacity-1 Maneuver	300	318	708	289
Stage 1	580	565	-	742
Stage 2	672	642	-	506
Time blocked-Platoon, %				
Mov Capacity-1 Maneuver	184	297	708	# 123
Mov Capacity-2 Maneuver	184	297	-	# 123
Stage 1	578	529	-	740
Stage 2	515	640	-	290

Approach	EB	WB	NB	SB
HCM Control Delay, s	41.1	\$ 537.1	0.1	1.3
HCM LOS	E	F		

Minor Lane / Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1225	-	-	299	177	1234	-	-
HCM Lane V/C Ratio	0.003	-	-	0.702	2.056	0.052	-	-
HCM Control Delay (s)	7.947	0	-	41.1	\$ 537.1	8.077	0	-
HCM Lane LOS	A	A		E	F	A	A	
HCM 95th %tile Q(veh)	0.008	-	-	4.901	28.193	0.164	-	-

**Notes**

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 Board # & Staff: TDC-8 (2) / JC  
 Traffic Control: Stop Sign

File Name : North Quincy Street & Chestnut\_Boundary\_AM  
 Site Code : 44  
 Start Date : 8/20/2013  
 Page No : 1

### Groups Printed- Cars - Buses - Trucks

Start Time	North Quincy Street Southbound					Chestnut Street Westbound					North Quincy Street Northbound					Boundary Avenue Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
07:00 AM	1	12	7	0	20	2	56	31	0	89	41	75	0	0	116	1	17	0	0	18	243
07:15 AM	2	25	4	0	31	0	52	18	0	70	45	64	1	0	110	3	20	0	0	23	234
07:30 AM	1	27	6	0	34	8	63	26	0	97	51	57	1	0	109	1	27	0	1	29	269
07:45 AM	0	25	5	0	30	7	57	26	0	90	52	45	2	0	99	0	20	0	0	20	239
Total	4	89	22	0	115	17	228	101	0	346	189	241	4	0	434	5	84	0	1	90	985
08:00 AM	0	23	7	0	30	4	56	26	0	86	30	54	4	0	88	2	30	0	0	32	236
08:15 AM	1	20	2	0	23	8	34	17	0	59	33	47	0	0	80	0	18	0	0	18	180
08:30 AM	0	19	11	0	30	7	42	17	0	66	36	42	0	0	78	0	18	0	0	18	192
08:45 AM	0	28	1	0	29	0	36	22	0	58	21	44	1	1	67	0	18	0	0	18	172
Total	1	90	21	0	112	19	168	82	0	269	120	187	5	1	313	2	84	0	0	86	780
Grand Total	5	179	43	0	227	36	396	183	0	615	309	428	9	1	747	7	168	0	1	176	1765
Apprch %	2.2	78.9	18.9	0		5.9	64.4	29.8	0		41.4	57.3	1.2	0.1		4	95.5	0	0.6		
Total %	0.3	10.1	2.4	0	12.9	2	22.4	10.4	0	34.8	17.5	24.2	0.5	0.1	42.3	0.4	9.5	0	0.1	10	
Cars	5	172	42	0	219	36	388	174	0	598	290	411	7	0	708	6	160	0	0	166	1691
% Cars	100	96.1	97.7	0	96.5	100	98	95.1	0	97.2	93.9	96	77.8	0	94.8	85.7	95.2	0	0	94.3	95.8
Buses	0	0	1	0	1	0	0	0	0	0	1	3	0	1	5	1	0	0	1	2	8
% Buses	0	0	2.3	0	0.4	0	0	0	0	0	0.3	0.7	0	100	0.7	14.3	0	0	100	1.1	0.5
Trucks	0	7	0	0	7	0	8	9	0	17	18	14	2	0	34	0	8	0	0	8	66
% Trucks	0	3.9	0	0	3.1	0	2	4.9	0	2.8	5.8	3.3	22.2	0	4.6	0	4.8	0	0	4.5	3.7

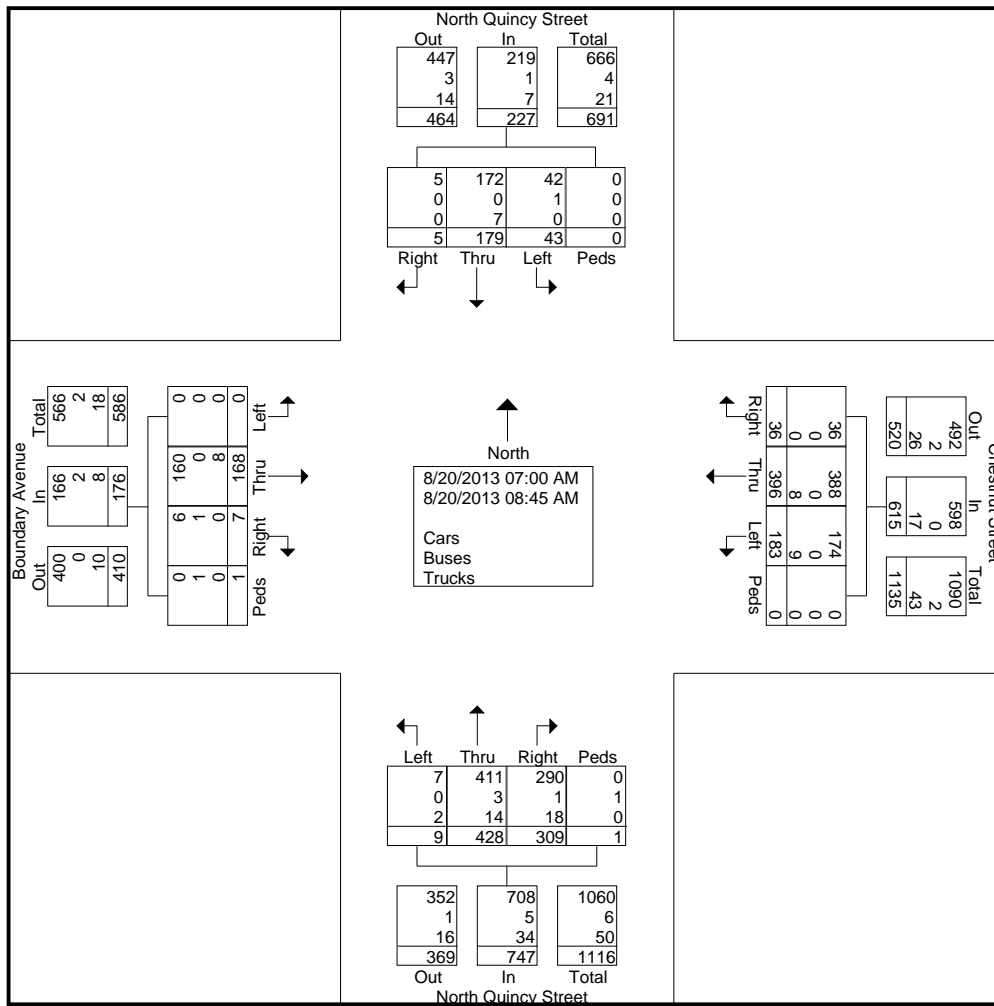


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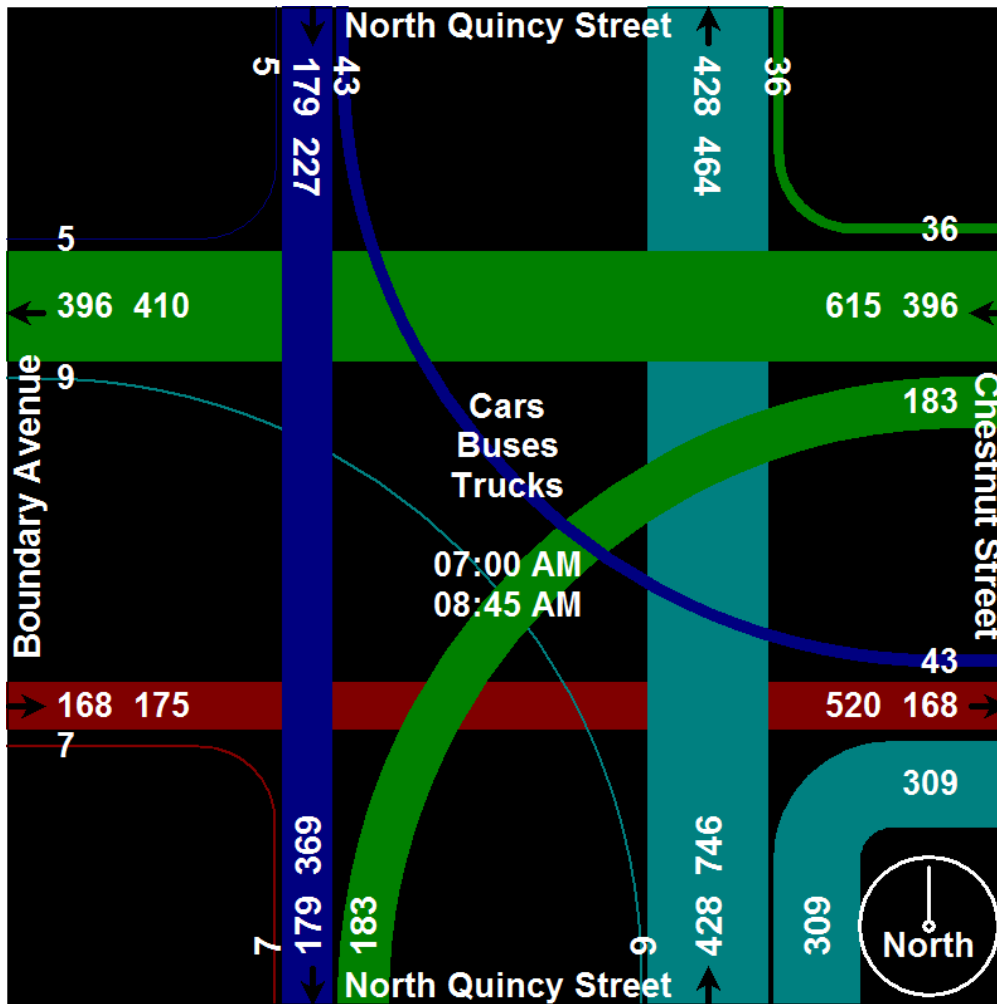


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Start Time	North Quincy Street Southbound					Chestnut Street Westbound					North Quincy Street Northbound					Boundary Avenue Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	1	12	7	0	20	2	56	31	0	89	41	75	0	0	116	1	17	0	0	18	243
07:15 AM	2	25	4	0	31	0	52	18	0	70	45	64	1	0	110	3	20	0	0	23	234
07:30 AM	1	27	6	0	34	8	63	26	0	97	51	57	1	0	109	1	27	0	1	29	269
07:45 AM	0	25	5	0	30	7	57	26	0	90	52	45	2	0	99	0	20	0	0	20	239
Total Volume	4	89	22	0	115	17	228	101	0	346	189	241	4	0	434	5	84	0	1	90	985
% App. Total	3.5	77.4	19.1	0		4.9	65.9	29.2	0		43.5	55.5	0.9	0		5.6	93.3	0	1.1		
PHF	.500	.824	.786	.000	.846	.531	.905	.815	.000	.892	.909	.803	.500	.000	.935	.417	.778	.000	.250	.776	.915
Cars	4	85	21	0	110	17	226	95	0	338	179	229	4	0	412	4	81	0	0	85	945
% Cars	100	95.5	95.5	0	95.7	100	99.1	94.1	0	97.7	94.7	95.0	100	0	94.9	80.0	96.4	0	0	94.4	95.9
Buses	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	1	0	0	1	2	5
% Buses	0	0	4.5	0	0.9	0	0	0	0	0	0	0.8	0	0	0.5	20.0	0	0	100	2.2	0.5
Trucks	0	4	0	0	4	0	2	6	0	8	10	10	0	0	20	0	3	0	0	3	35
% Trucks	0	4.5	0	0	3.5	0	0.9	5.9	0	2.3	5.3	4.1	0	0	4.6	0	3.6	0	0	3.3	3.6



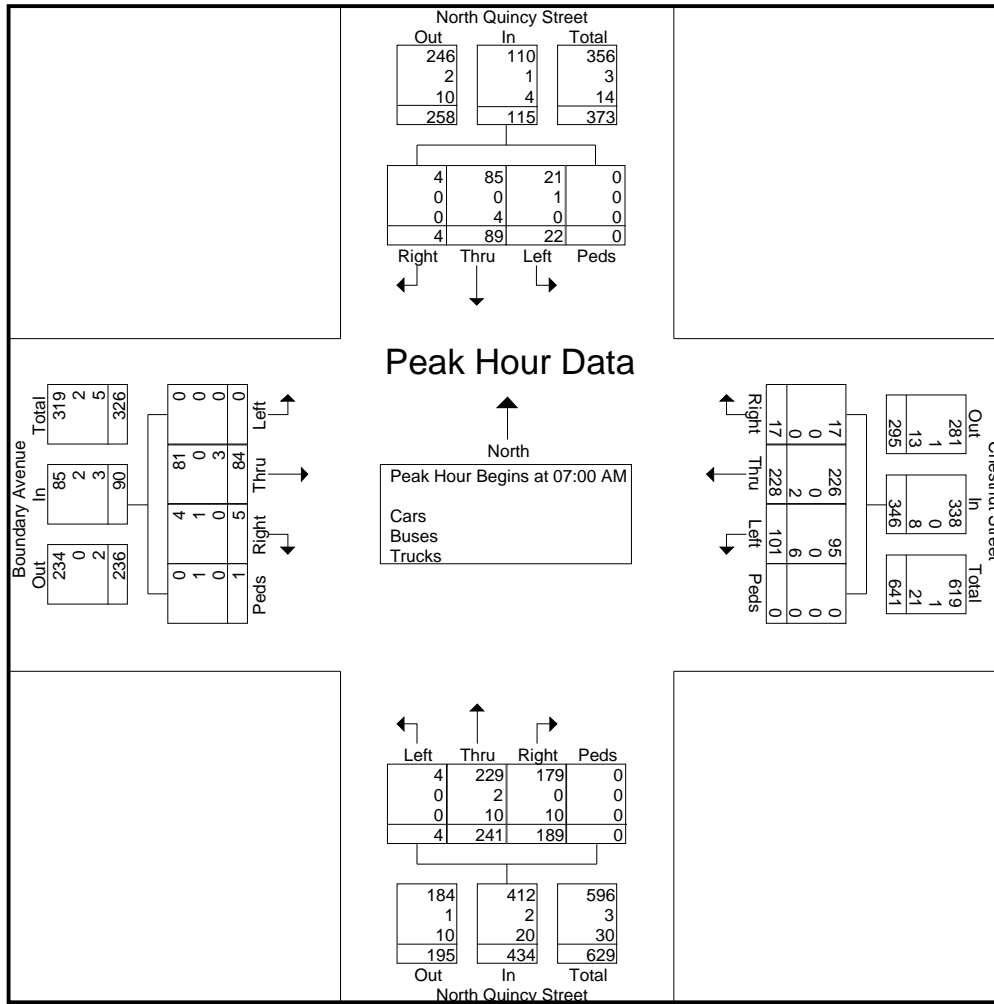


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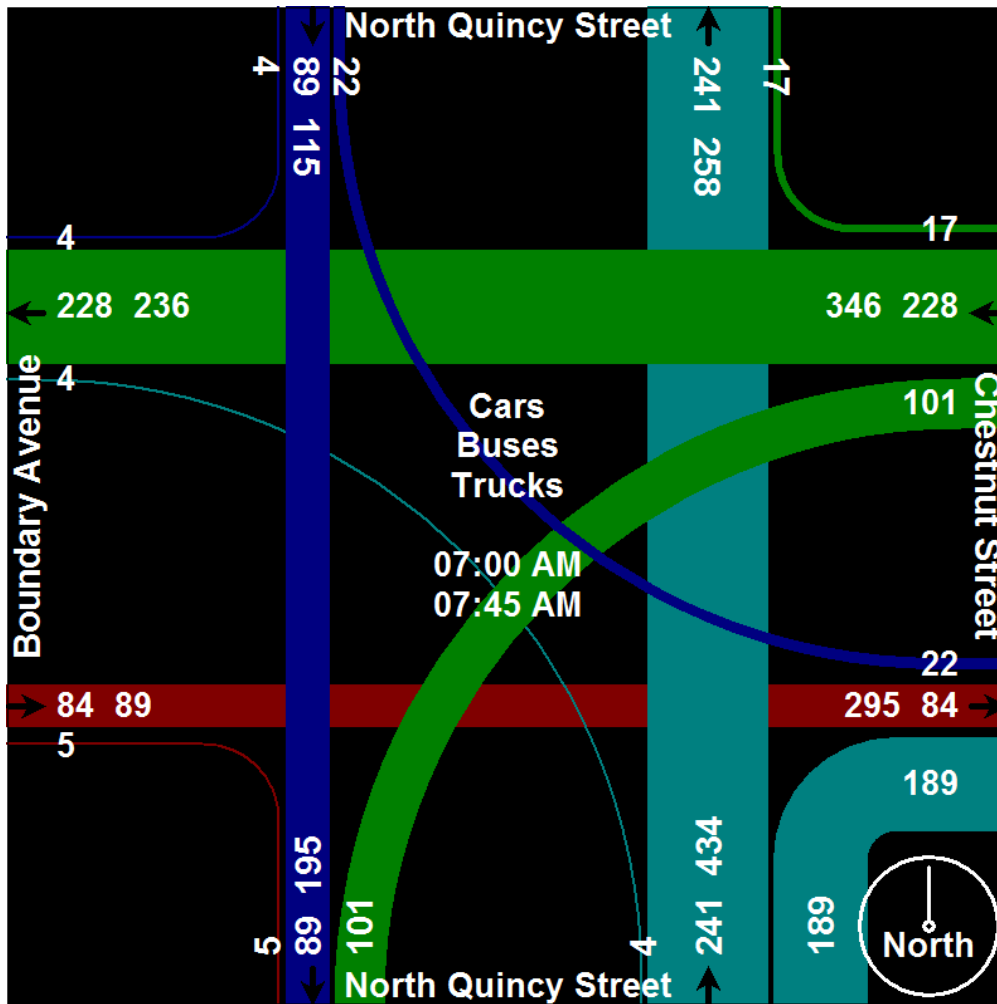


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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		
04:00 PM	3	41	7	0	51	4	34	52	0	90	39	27	0	0	66	2	47	1	0	50	257
04:15 PM	1	73	11	0	85	6	36	49	0	91	32	39	1	0	72	1	38	0	0	39	287
04:30 PM	1	80	20	0	101	11	36	39	0	86	34	50	0	0	84	1	48	2	1	52	323
04:45 PM	2	55	8	0	65	7	26	47	0	80	35	38	0	0	73	0	50	0	0	50	268
Total	7	249	46	0	302	28	132	187	0	347	140	154	1	0	295	4	183	3	1	191	1135
05:00 PM	2	61	13	0	76	6	30	49	0	85	32	28	2	0	62	2	51	0	0	53	276
05:15 PM	2	48	19	0	69	6	45	43	0	94	29	39	2	0	70	0	45	0	4	49	282
05:30 PM	0	50	9	0	59	7	33	46	0	86	31	31	5	0	67	0	41	1	0	42	254
05:45 PM	2	58	9	0	69	10	17	43	0	70	24	33	0	0	57	3	62	3	0	68	264
Total	6	217	50	0	273	29	125	181	0	335	116	131	9	0	256	5	199	4	4	212	1076
Grand Total	13	466	96	0	575	57	257	368	0	682	256	285	10	0	551	9	382	7	5	403	2211
Apprch %	2.3	81	16.7	0		8.4	37.7	54	0		46.5	51.7	1.8	0		2.2	94.8	1.7	1.2		
Total %	0.6	21.1	4.3	0	26	2.6	11.6	16.6	0	30.8	11.6	12.9	0.5	0	24.9	0.4	17.3	0.3	0.2	18.2	
Cars	13	463	96	0	572	56	249	360	0	665	255	283	10	0	548	9	378	7	0	394	2179
% Cars	100	99.4	100	0	99.5	98.2	96.9	97.8	0	97.5	99.6	99.3	100	0	99.5	100	99	100	0	97.8	98.6
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1.2	0.2
Trucks	0	3	0	0	3	1	8	8	0	17	1	2	0	0	3	0	4	0	0	4	27
% Trucks	0	0.6	0	0	0.5	1.8	3.1	2.2	0	2.5	0.4	0.7	0	0	0.5	0	1	0	0	1	1.2

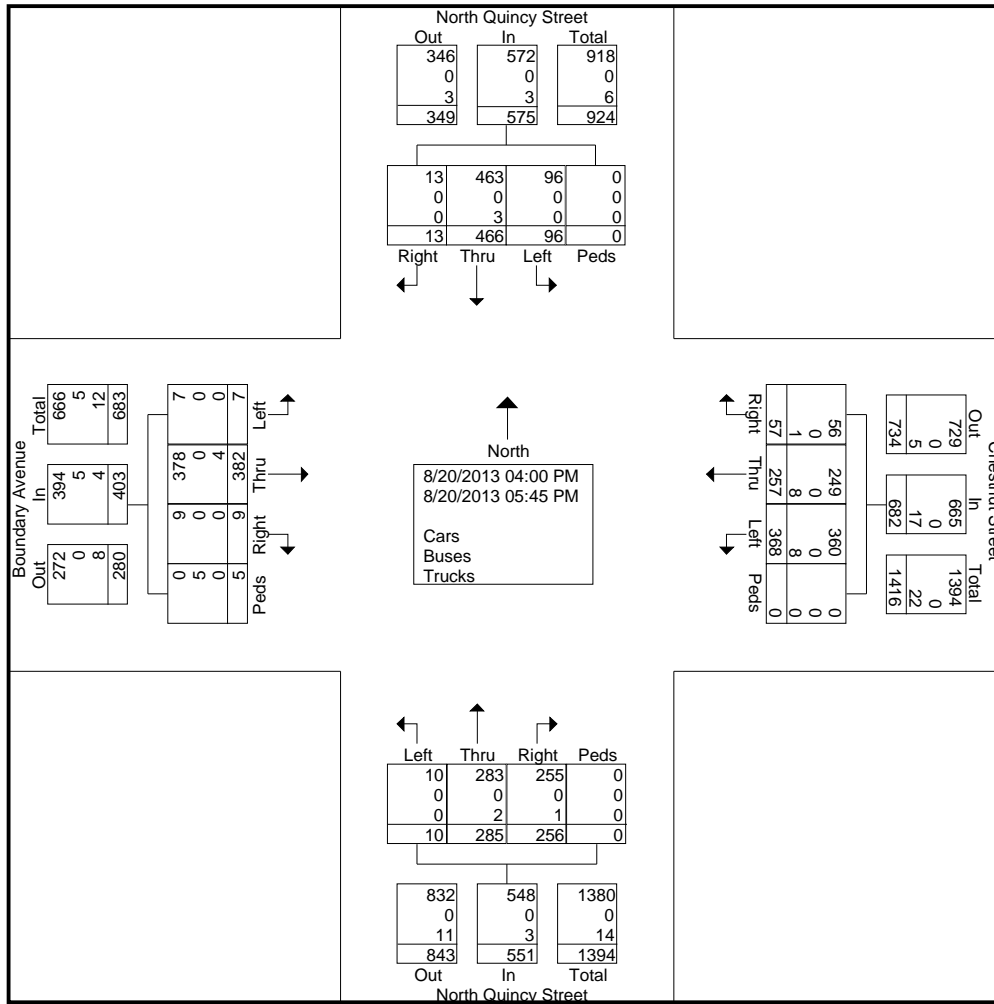


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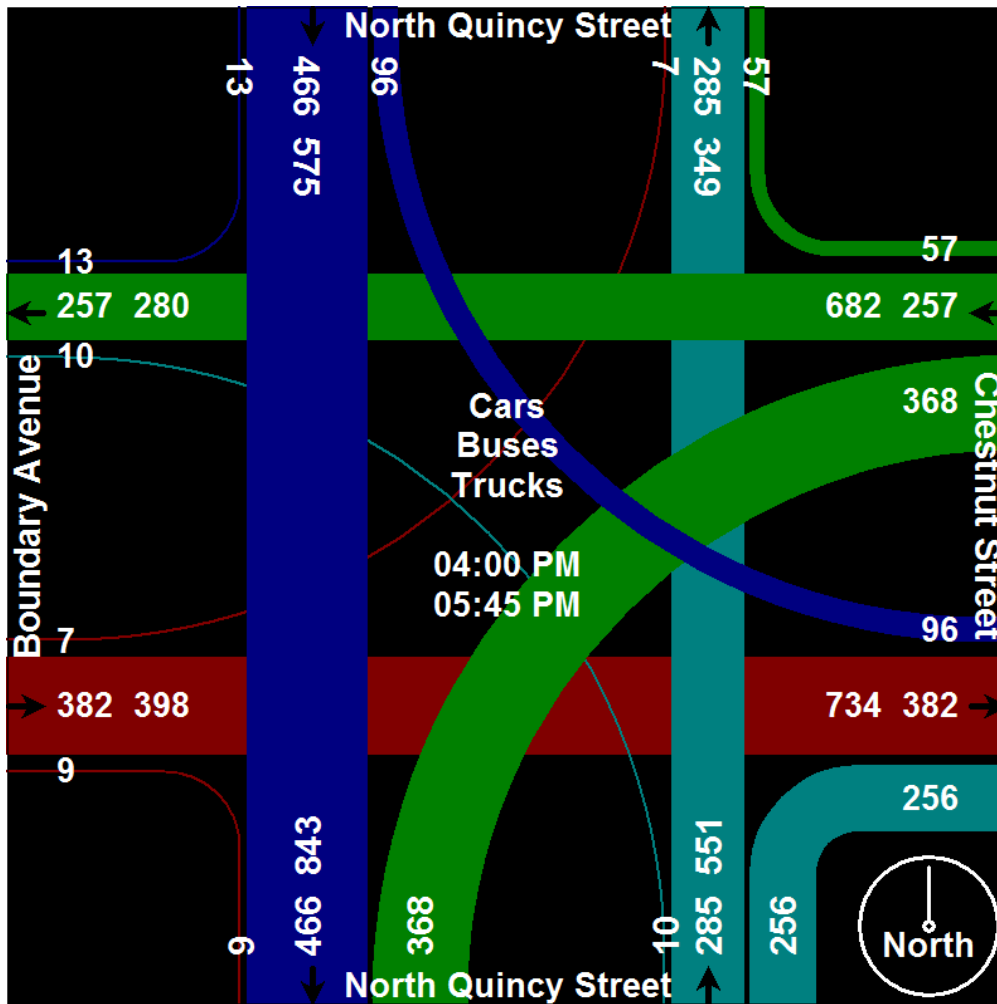


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Start Time	North Quincy Street Southbound					Chestnut Street Westbound					North Quincy Street Northbound					Boundary Avenue Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	1	73	11	0	85	6	<b>36</b>	<b>49</b>	0	<b>91</b>	32	39	1	0	72	1	38	0	0	39	287
04:30 PM	1	<b>80</b>	<b>20</b>	0	<b>101</b>	<b>11</b>	36	39	0	86	34	<b>50</b>	0	0	<b>84</b>	1	48	<b>2</b>	<b>1</b>	52	<b>323</b>
04:45 PM	<b>2</b>	55	8	0	65	7	26	47	0	80	<b>35</b>	38	0	0	73	0	50	0	0	50	268
05:00 PM	2	61	13	0	76	6	30	49	0	85	32	28	<b>2</b>	0	62	<b>2</b>	<b>51</b>	0	0	<b>53</b>	276
Total Volume	6	269	52	0	327	30	128	184	0	342	133	155	3	0	291	4	187	2	1	194	1154
% App. Total	1.8	82.3	15.9	0		8.8	37.4	53.8	0		45.7	53.3	1	0		2.1	96.4	1	0.5		
PHF	.750	.841	.650	.000	.809	.682	.889	.939	.000	.940	.950	.775	.375	.000	.866	.500	.917	.250	.250	.915	.893
Cars	6	266	52	0	324	30	123	179	0	332	132	155	3	0	290	4	186	2	0	192	1138
% Cars	100	98.9	100	0	99.1	100	96.1	97.3	0	97.1	99.2	100	100	0	99.7	100	99.5	100	0	99.0	98.6
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.5	0.1
Trucks	0	3	0	0	3	0	5	5	0	10	1	0	0	0	1	0	1	0	0	1	15
% Trucks	0	1.1	0	0	0.9	0	3.9	2.7	0	2.9	0.8	0	0	0	0.3	0	0.5	0	0	0.5	1.3

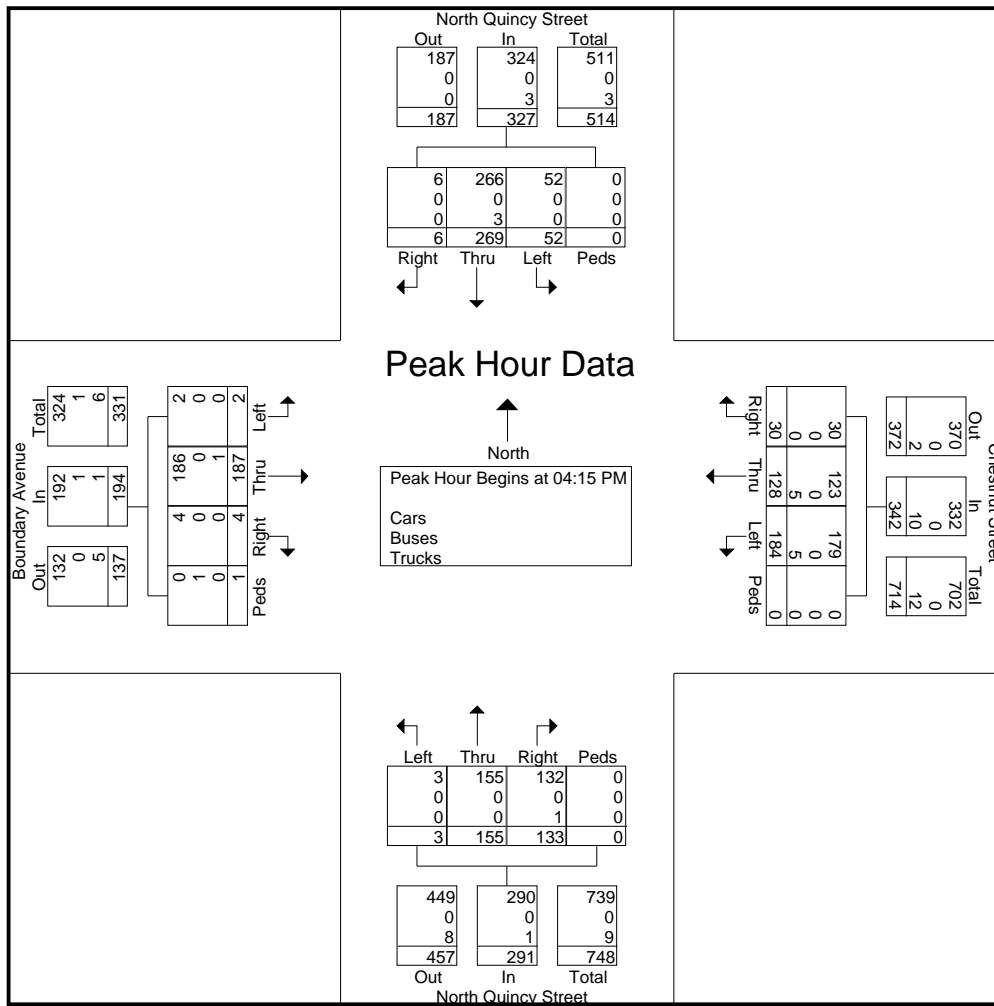


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