

# ROAD SAFETY AUDIT

Belmont Street (Route 123) at  
Linwood Street and Lorraine Avenue  
City of Brockton

September 23, 2009

Prepared For:  
Massachusetts Highway Department



Prepared By:  
BETA Group, Inc.

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# Table of Contents

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<b>Project Data</b> .....	<b>1</b>
<b>Background</b> .....	<b>2</b>
<b>Project Description</b> .....	<b>2</b>
<b>Audit Observations</b> .....	<b>6</b>
<b>Potential Safety Enhancements</b> .....	<b>7</b>
<b>Summary of Road Safety Audit</b> .....	<b>12</b>

## List of Appendices

Appendix A.	RSA Meeting Agenda
Appendix B.	RSA Audit Team Contact List
Appendix C.	Crash Data
Appendix D.	Traffic Volume Data

## List of Figures

Figure 1.	Locus Map.....	<b>3</b>
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## List of Tables

Table 1.	Participating Audit Team Members .....	<b>1</b>
Table 2.	Estimated Time Frame and Costs Breakdown .....	<b>7</b>
Table 3.	Potential Safety Enhancement Summary .....	<b>13</b>

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## Project Data

A Road Safety Audit for the intersection of Belmont Street (Route 123), Linwood Street and Lorraine Avenue in the City of Brockton was held on September 1, 2009 at the Old Colony Planning Council office. As indicated in Table 1, the audit team consisted of representatives from Federal, State, Regional and Local agencies as well as abutters and included a cross-section of engineering, planning and emergency response expertise.

**Table 1. Participating Audit Team Members**

<b>Audit Team Member</b>	<b>Agency/Affiliation</b>
Neil Boudreau	MassHighway – State Traffic Engineer
Carrie Lavallee	MassHighway – Project Management
Azad Kidher	MassHighway
Pat Ciaramella	Old Colony Planning Council - Director
Charles Kilmer	Old Colony Planning Council
Ray Guarino	Old Colony Planning Council
Bill McNulty	Old Colony Planning Council
Jed Cornock	Old Colony Planning Council
Caleb Cornock	Old Colony Planning Council
Bruce Hughes	Old Colony Planning Council
Eric Arbeene	Old Colony Planning Council
Mike Thoreson	City of Brockton – DPW Commissioner
Elaine Czaja	City of Brockton – DPW
Tom Rice	BAT (Brockton Area Transit)
Leon McCabe	Brockton Police/Traffic Commission – Captain
Kenneth Galligan	Brockton Fire Department –Chief
Tim White	Federal Highway Administration
Greg Lucas	BETA Group
John Mirabito	BETA Group
Shaynah Barnes	Legislature - Rep. Lynch's office
Bill Travers	MassHighway – District 5 Projects
Chris Mihos	Abutter - 826 Belmont Street
Nancy Mihos	Abutter - 826 Belmont Street
Terry McQuiggan	Abutter – Mutual Bank, Belmont Street
Rich McMenamy	Abutter – 810 Belmont Street

## Background

The Federal Highway Administration defines a Road Safety Audit (RSA) as *the formal safety examination* of an existing or future road or intersection by an *independent, multidisciplinary team*. The purpose of an RSA is to *identify potential safety issues and possible opportunities for safety improvements* considering all roadway users. The Old Colony Planning Council (OCPC) requested that MassHighway conduct a Road Safety Audit of the intersection of Belmont Street (Route 123) at Linwood Street and Lorraine Avenue in the City of Brockton. The intersection has been identified by OCPC as a high crash location, and is #68 on MassHighway's statewide list of the Top Crash Intersections from 2005 to 2007. As such, an RSA was conducted in order to identify potential both short and long term safety improvements that can be made at the subject intersection.

## Project Description

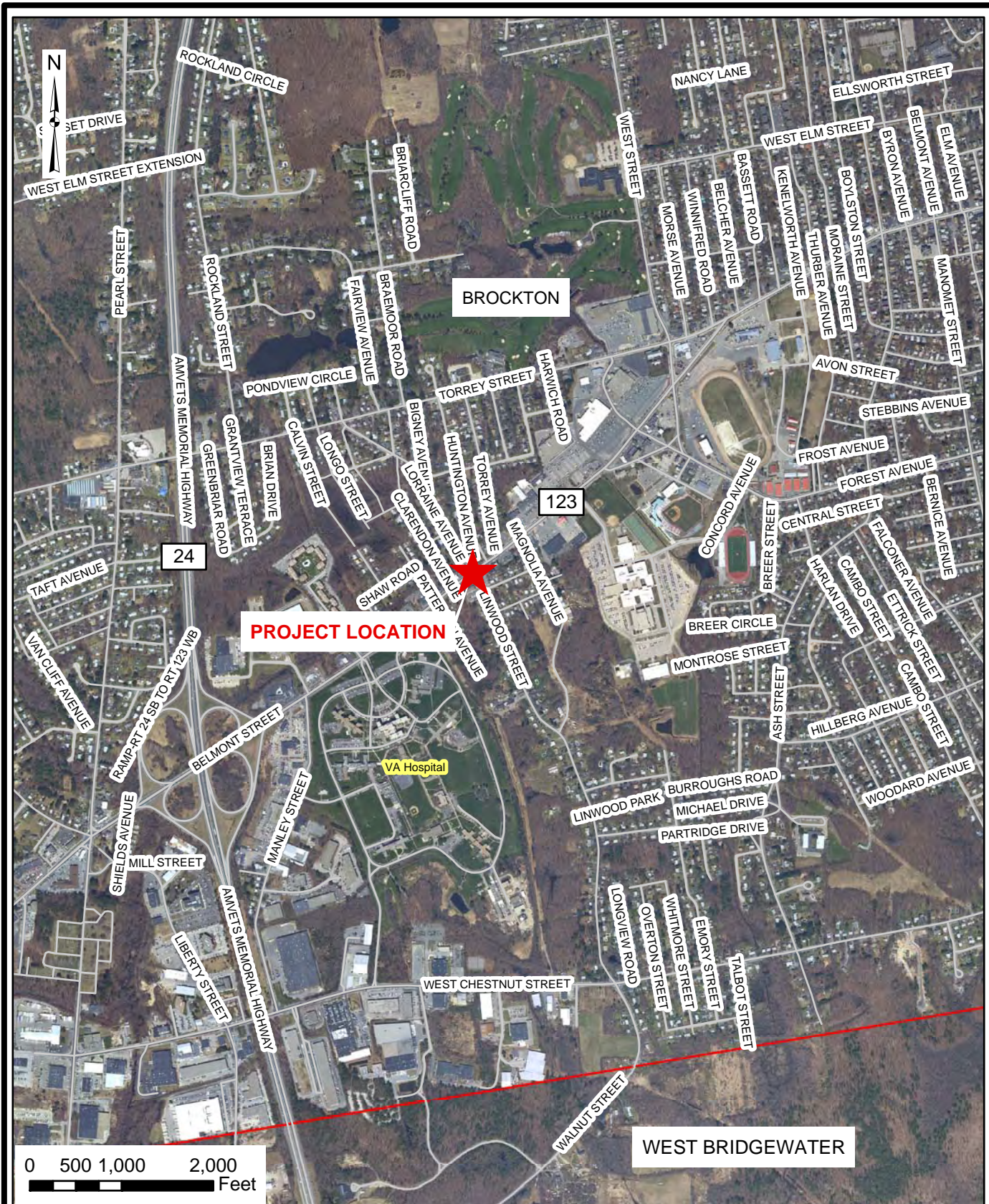
The intersection of Belmont Street (Route 123), Linwood Street and Lorraine Avenue, shown in Figure 1, is located in the western portion of Brockton. Belmont Street is a state-owned roadway functionally classified as an Urban Minor Arterial. Linwood Street and Lorraine Avenue are City-owned roadways, each functionally classified as an Urban Collector. Belmont Street is a significant regional roadway, connecting Brockton with neighboring communities Easton and Abington. Route 123 connects to Route 24 approximately ½ mile west of the study intersection, and is one of the major arterial routes providing access from Route 24 to downtown Brockton.

The intersection of Belmont Street (Route 123), Linwood Street and Lorraine Avenue is an offset intersection, with Linwood Street and Lorraine Avenue under STOP control. Linwood Street intersects Belmont Street from the south, while Lorraine Avenue intersects Belmont Street from the north. The centerlines of the two side streets are approximately 65 feet apart. In the vicinity of the intersection, Belmont Street is approximately 44 feet wide, with two 11 foot lanes in each direction with no shoulders. Lorraine Avenue is approximately 32 feet wide, with a single lane in each direction separated by a double yellow centerline.



**Belmont Street westbound at Linwood Street**

The Lorraine Avenue approach has striped edge lines to delineate the edge of pavement. Linwood Street is approximately 24 feet wide, with a single 12 foot lane in each direction separated by a single yellow centerline. The Linwood Street northbound approach flares out to approximately 20 feet wide at the stop line at Belmont Street.



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Belmont Street (Rte 123) At  
 Linwood Street/Lorraine Avenue

**ROAD SAFETY AUDIT**

BROCKTON, MA

Figure 1  
**Location Map**

Continuous sidewalks are present along both sides of Belmont Street with handicap ramps at the intersection and painted crosswalks across both Linwood Street and Lorraine Avenue. There is no crosswalk across Belmont Street.

Land use along Belmont Street is primarily commercial. A retail/office building is located on the southwest corner which has a Bank of America branch with a drive-up ATM. McMenemy's Restaurant is on the southeast corner of the intersection. A Sunoco gas station is on the northwest corner, and a fence borders a residential property on the northeast corner. Land use along both Linwood Street and Lorraine Avenue is residential.

The posted speed limit on Belmont Street is 35 MPH eastbound and 40 MPH westbound. The speed regulations maintained by MassHighway establish a 40 MPH zone that extends from west of Route 24 to approximately 1500 feet east of the study intersection. A 35 MPH sign for eastbound traffic is posted approximately 1500 feet in advance of the study intersection, which is in conflict with the established regulation. Speed data for this intersection were provided by OCPC. Speed data for Belmont Street eastbound showed an average speed of 36 MPH and an 85<sup>th</sup> percentile speed of 41 MPH. The 85<sup>th</sup> percentile speed is defined as the speed at which 85 percent of the traffic is traveling at or below. Speed data for Belmont Street westbound showed an average speed of 34 MPH and an 85<sup>th</sup> percentile speed of 40 MPH. Speed data for Linwood Street showed an average speed of 34 MPH and an 85<sup>th</sup> percentile speed of 40 MPH. Speed data for Lorraine Avenue showed an average speed of 32 MPH and an 85<sup>th</sup> percentile speed of 38 MPH.

At the time of the audit, crash records provided by the Brockton Police Department were incomplete. Complete crash records for a three year period are critical to the audit process not only to evaluate the intersection based on the number and severity of crashes, but also to analyze the prevalent trends among crashes to determine which potential safety improvements would provide the greatest benefit to help alleviate crashes at a high crash location. MassHighway provided background information about the crash history at the intersection, which is included in the Appendix. The intersection ranked 68<sup>th</sup> on MassHighway's statewide list of the Top Crash Intersections from 2005 to 2007. This ranking is based on the number of crashes in MassHighway's database which can be georeferenced to a cluster area around the intersection. This cluster area experienced 56 crashes in the three year period. Twenty-five of the 56 crashes involved an injury. The ranking is based on a weighted system which calculates the Equivalent Property Damage Only (EPDO) rating of the intersection. Fatal crashes are weighted 10 times and injury crashes are weighted 5 times. There were no fatal crashes in the three year study period.

Town officials, emergency responders and abutters present at the audit offered some personal observations as to what contributes to the number of crashes at the intersection. High traffic volumes cause turning vehicles to take chances on unacceptable gaps. Belmont Street through vehicles have been observed in both directions stopping in the outside lane to allow vehicles to turn from Linwood Street or Lorraine Avenue; the turning vehicle subsequently collides with a vehicle passing in the inside lane after passing the stopped vehicle. Additionally, the tight corner radii contribute to crashes because larger vehicles and inexperienced drivers encroach on the second lane when turning from the side streets.

Automatic Traffic Recorder (ATR) counts and Manual Turning Movement (MTM) counts were provided by OCPC. ATR data were recorded in 2009 at the intersection. Belmont Street (Route 123) carries

23,700 vehicles per day (vpd) east of Linwood Street and 23,800 vpd west of Linwood Street. Linwood Street carries 3,700 vpd, while Lorraine Avenue carries 1,800 vpd. MTM data were recorded in 2008 for both the AM and PM peak periods. The AM peak hour occurred from 7:15 to 8:15 AM. During the AM peak hour, there were 103 left turns from Linwood Street to Belmont Street westbound, against 1,716 through vehicles on Belmont Street (920 eastbound, 796 westbound). There were 89 left turns from Belmont Street westbound to Linwood Street. The PM peak hour occurred from 5:00 to 6:00 PM. During the PM peak hour, there were 69 left turns from Linwood Street to Belmont Street westbound, against 2,458 through vehicles on Belmont Street (1,267 eastbound, 1,191 westbound). There were 178 left turns from Belmont Street westbound to Linwood Street. These conflicting volumes, combined with the high speed of travel on Belmont Street, result in very few acceptable gaps for those turning vehicles. OCPC performed capacity analysis based on the 2008 MTM count data. The analyses showed that the intersection operates at Level of Service “F” during the morning and afternoon peak hours. OCPC also concluded that the intersection satisfies the Manual on Uniform Traffic Control Devices (MUTCD) warrants for signalization

It should be noted that there were a relatively low number of “through” vehicles crossing from Linwood Street to Lorraine Avenue, or vice versa, during either the AM or PM peak period. In the AM peak hour, seven vehicles crossed from Lorraine Avenue to Linwood Street and 16 vehicles crossed from Linwood Street to Lorraine Avenue. In the PM peak hour, 18 vehicles crossed from Lorraine Avenue to Linwood Street and eight vehicles crossed from Linwood Street to Lorraine Avenue.

## Audit Observations

Following a brief introduction to the RSA process and a summary of traffic volumes and crash information, the audit participants were asked to discuss issues that may affect safety at the intersection of Belmont Street (Route 123), Linwood Street and Lorraine Avenue. Audit participants then conducted a site visit as a group, at which time they offered observations on safety concerns and deficiencies. A summary of those major safety considerations is as follows:

- **Geometrics/Alignment** – Belmont Street has narrow lanes with no shoulders, which provides little room for error given the volume of traffic on Belmont Street. Tight corner radii on three of the four corners also contribute to safety issues, as turning vehicles sometimes encroach on multiple lanes. The offset alignment of Linwood Street and Lorraine Avenue was also cited as a safety concern, as vehicles intending to cross the intersection must wait for appropriate gaps required to make back-to-back turning movements.
- **Sight Distance** – Linwood Street is not readily visible to Belmont Street eastbound traffic, which decreases awareness for approaching vehicles of the possibility that other vehicles are making a turn or are stopped waiting to turn. Concerns were also raised regarding vegetation and utility poles restricting visibility for vehicles departing both Linwood Street and Lorraine Avenue.
- **Roadway Condition** – There were a number of concerns raised regarding the condition of existing features at the intersection. Pavement markings are faded along Belmont Street in the vicinity of Linwood Street and Lorraine Avenue. The pavement is in poor condition along Belmont Street, with rutting and potholes in the outside lane. Poor drainage and poor lighting were also cited as a concern along Belmont Street. It was noted that the pavement condition and drainage issues sometimes cause vehicles traveling in the outside lane to encroach on the inside lane in an attempt to avoid these issues.
- **Access Management** – There are a significant number of driveway openings and areas with no curb definition along Belmont Street. It was suggested that these create a safety issue along the corridor.
- **Pedestrian accommodations** – Existing sidewalks are in fair condition along both sides of Belmont Street, with crosswalks crossing Linwood Street and Lorraine Avenue but no crosswalk across Belmont Street. Audit participants suggested that there is a fair amount of pedestrian traffic in the area. Pedestrian activity is generated by Brockton High School, which is approximately ¼ mile east of the study intersection, and Veterans Hospital, which is approximately ¼ mile west of the study intersection. It was noted that a number of pedestrians from the Veterans Hospital are wheelchair-bound, magnifying the importance of providing pedestrian facilities that are ADA-compliant.



## Potential Safety Enhancements

After the site visit, audit participants returned to the meeting location to discuss the safety issues and consider improvements. Audit participants were encouraged to consider both short and long term improvements for each issue. Each improvement considered has been categorized as short-term, mid-term, or long-term based on the definitions shown in Table 2. Additionally, a cost category has been assigned to each improvement based on the parameters set forth in Table 2.

**Table 2. Estimated Time Frame and Costs Breakdown**

Time Frame		Costs	
Short-term	<1 year	Low	<\$10,000
Mid-term	1–3 years	Medium	\$10,001–\$50,000
Long-term	>3 years	High	>\$50,000

### Geometrics/Alignment

The following improvements were suggested by audit participants to alleviate safety concerns related to geometrics and alignment of Belmont Street, Linwood Street and Lorraine Avenue.

- Widen Belmont Street to provide shoulders. Audit participants suggested that the narrow lane widths and lack of shoulders along Belmont Street contribute to the crash history at the study intersection. A shoulder width of 4' in each direction would meet MassHighway requirements for shoulder width as established in the *Project Development and Design Guide* and would provide additional area for errant vehicles or for encroachment of wide vehicles. There is a grass



**Lorraine Avenue at Belmont Street**

strip along the south side of Belmont Street which could be used for widening, but additional width may require property acquisition by the state and create significant impacts to abutting properties. This is a long term, high cost improvement. There is an existing project including signal upgrades and related geometric improvements at the Belmont Street intersection with the VA Hospital Drive and with Manley Street. The VA Hospital Drive is approximately 1500 feet west of Linwood Street and Lorraine Avenue. The City of Brockton expressed a desire to tie

improvements at Linwood Street and Lorraine Avenue to these improvements, which are scheduled for construction in 2010.

- Increase corner radii. Three of the four corners at the intersection have tight corner radii, which increases the potential for encroachment of turning vehicles. It is recommended that the corner radii be increased on the southwest corner of Belmont Street and Linwood Street, and on both corners of Belmont Street and Lorraine Avenue. This is a medium cost, short term improvement. It should be noted that this may require relocation of the crosswalk and stop line further back from Belmont Street on both Linwood Street and Lorraine Avenue, which may increase sight distance concerns for vehicles exiting from those streets.

- Install curb on the southeast corner of Belmont Street and Linwood Street.

McMenamy's Seafood restaurant, which is located on the southeast corner of the intersection, has a paved area along the Linwood Street side of the building and a driveway at the front of the building which is currently blocked by boulders. There is also a small island separating the restaurant driveway from the Belmont Street sidewalk, then a grass strip separating the Belmont Street sidewalk from Belmont Street. No curb



**Southeast corner, Belmont Street & Linwood Street**

or berm separates the Linwood Street pavement from the parking area, the restaurant driveway, or the grass strip bordering Belmont Street. It is recommended that curbing be added to delineate the intended edge of pavement for Linwood Street around this corner. This will also permanently close the existing driveway that is currently blocked by boulders, which was supported by the owner of the restaurant who was present at the audit. This is a short term, low cost improvement.

- Improve curb reveal. Although curb is present along Belmont Street for most of its length within the project area, curb reveals are substandard, likely due to past pavement overlays and settlement. This creates a safety concern because it decreases roadway definition and reduces the physical barrier between the roadway and the adjacent sidewalk or grass area. It is recommended that curb be removed and reset along the corridor to reestablish a standard 6" reveal, and that broken or damaged curb be replaced in conjunction with this improvement. This is a short term, medium cost improvement.
- Add left turn lane for Belmont Street westbound. There are a significant number of vehicles turning from Belmont Street westbound to Linwood Street. A dedicated left turn lane would

accommodate these vehicles while still providing two through lanes for Belmont Street westbound traffic. This would require widening and would likely require property acquisition by the state. Due to the significant amount of opposing traffic on Belmont Street eastbound, this improvement should only be considered in conjunction with installation of a traffic signal.

- Realign Linwood Street and Lorraine Avenue. It was suggested that Linwood Street and Lorraine Avenue be realigned to form a typical 4-way intersection, with Linwood Street and Lorraine Avenue directly opposite one another. This would require property acquisition by both the state and the City and would significantly impact the property on the southwest corner of the intersection. It should be noted that the property owner was present at the audit and said that he would be amenable to potential alignment changes dependent upon the exact impact to his property. This would be a long term, high cost improvement and is only recommended if done in conjunction with traffic signal installation.
- Install fully actuated traffic signal. The installation of a fully actuated traffic signal would provide a protected phase for vehicles turning from Linwood Street or Lorraine Avenue. Traffic signal installation could be completed independent of geometric improvements, or could be done in conjunction with widening and installation of a left turn lane and/or in conjunction with realignment of Linwood Street and Lorraine Avenue. Traffic signal installation within existing geometry would require the use of split phasing, in which both Linwood Street and Lorraine Avenue are provided with separate protected green phases. Traffic signal installation in conjunction with realignment would provide more intersection capacity, as the side streets could then be served with the same green phase which in turn provides a greater percentage of the overall cycle length for Belmont Street traffic. Traffic signal installation is a high cost, mid to long term improvement, dependent on the level of geometric improvements.
- Move stop lines closer to intersection. Vehicles were observed creeping past the stop line and beyond the crosswalk while waiting for an acceptable gap to turn onto Belmont Street. It was suggested that the stop lines be moved closer to the intersection to address this issue. This improvement is not feasible because the stop line must be a minimum of 4 feet behind the crosswalk, and existing crosswalk locations are dictated by the sidewalks and wheelchair ramps that they provide access to.

### **Sight Distance**

The following improvements were suggested by audit participants to alleviate sight distance concerns at the intersection of Belmont Street, Linwood Street and Lorraine Avenue.

- Replace street signs for Linwood Street and Lorraine Avenue. Existing street name signs are outdated and do not meet current Manual on Uniform Traffic Control Devices (MUTCD) standards for retroreflectivity. It is recommended that existing street signs be replaced with new signs that meet MUTCD retroreflectivity standards, with 6” minimum letter height. This is a short term, low cost improvement.

- Reset utility poles. Utility poles along the north side of Belmont Street in the area of the study intersection create a sight distance obstruction, specifically for vehicles departing Lorraine Avenue. It was also noted that the poles lean towards the intersection, and that there is visible evidence of larger vehicles coming into contact with the poles as they pass. It is recommended that poles be reset at the back of sidewalk, in accordance with current MassHighway practice. This is a mid-term, medium cost improvement that would require coordination with affected utility companies.
- Intersection warning signs. The installation of intersection warning signs on the Belmont Street approaches would increase awareness of the intersection for approaching vehicles. This would alert drivers to the potential of encountering turning or crossing vehicles. This is a short-term, low cost improvement.
- Move stop sign. The stop sign on Lorraine Avenue is not clearly visible to oncoming traffic. Recommend relocating stop sign to a more visible location in proximity to the stop line. This is a short-term, low cost improvement.



**Lorraine Avenue approaching Belmont Street**

### **Roadway Condition**

Several audit participants discussed concerns regarding the condition of the existing roadway as contributors to safety issues at the study intersection. Recommended improvements are as follows:

- Repaint lane lines along Belmont Street. The existing pavement markings on Belmont Street are faded, which may contribute to crashes caused by lane violations and vehicle encroachment. It is recommended that all existing pavement markings be repainted within 300' in each direction of the intersection. Replacement markings should be 6 inches in width in adherence to current MassHighway standards. This is a short-term, low cost improvement.
- Improve drainage. Several audit participants noted there are puddles that form along the gutter line during storms. This causes vehicles traveling in the outside lane to encroach on the inside lane in order to avoid the puddles. It is recommended that the existing drainage system be inspected and reviewed to identify any improvements that may eliminate ponding water, and that existing catch basins be cleaned of sediment and debris. This is a short-term, medium cost

improvement. It is possible that puddles are a result of pavement settlement and not as a result of the drainage system itself.

- **Rehabilitate pavement.** In addition to drainage deficiencies, several audit participants suggested that poor existing pavement conditions cause vehicles traveling in the outside lane to encroach on the inside lane. Cracking and settlement is visible on Belmont Street, especially along the outside westbound lane. The pavement should be rehabilitated along the corridor, either by milling and overlay or by asphalt reclamation. Pavement cores should be performed first to determine the necessary course of action. This is a mid-term, high cost improvement.
- **Improve roadway lighting.** It was suggested by abutters present at the audit that existing lighting is insufficient for the area, and that existing lights along Belmont Street are either not on or need bulb replacements. It is recommended that MassHighway investigate existing lighting conditions at night and either replace bulbs or consider adding additional lights where warranted. This is a short-term, medium cost improvement.

### **Access Management**

There are a significant number of driveways and access points along Belmont Street in the vicinity of the intersection. Several audit participants suggested that these driveways create a safety issue due to the increased number of turning movements and conflicts created with turning vehicles. It is recommended that MassHighway verify permits against existing driveway openings. This is a short-term, low cost improvement.

### **Pedestrian Accommodations**

Several safety issues relating to pedestrian accommodations were discussed during the audit. As previously mentioned, both Brockton High School and the Veterans Hospital contribute to pedestrian activity in the area. Specific potential improvements are as follows:

- **Reconstruct sidewalks and wheelchair ramps.** Existing sidewalks along both sides of Belmont Street within the vicinity of the intersection are primarily in fair condition but in some areas have patches and settlement which pose difficulties for wheelchair-bound pedestrians. It was suggested that some pedestrians in wheelchairs travel in the roadway gutter instead of using the sidewalk, which creates a clear hazard due to the lack of shoulders along Belmont Street. It is recommended that sidewalks be reconstructed within 300' in each direction, and that new cement concrete wheelchair ramps be constructed at the intersection meeting all ADA requirements. This is a mid-term, high cost improvement.
- **Signalization.** There is no existing crossing that allows pedestrians to cross Belmont Street in the vicinity of the intersection. Due to the high traffic volumes along Belmont Street, a crosswalk is not feasible unless done in conjunction with installation of a traffic signal, which is a mid-term, high cost improvement. A traffic signal would provide a protected pedestrian phase with pushbutton activation.

## Summary of Road Safety Audit

Table 3 summarizes potential recommendations discussed by the audit team. The recommendations are categorized based on the potential safety payoff, as well as by time frame and cost. The safety payoff is a qualitative judgment of the effectiveness of the potential safety improvements.

**Table 3. Potential Safety Enhancement Summary**

Safety Issue	Safety Enhancement	Safety Payoff	Time Frame	Cost
Geometrics/Alignment, Sight Distance, Pedestrian Accommodations	Installation of a fully-actuated traffic signal with pedestrian facility upgrades, in conjunction with realignment of Linwood Street and Lorraine Avenue	High	Mid-term	\$1,500,000
Sight Distance, Pedestrian Accommodations	Installation of a fully-actuated traffic signal with pedestrian facility upgrades	High	Mid-term	\$500,000
Geometrics/Alignment	Widen Belmont Street to provide shoulders (It is assumed that this will require property acquisition by the state)	Medium	Long-term	\$300,000 (does not include ROW costs)
Geometrics/Alignment	Increase corner radii on southwest, northwest and northeast corners	Medium	Short-term	\$50,000
Geometrics/Alignment	Install curb on southeast corner of Belmont Street and Linwood Street	Medium	Short-term	\$15,000
Geometrics/Alignment	Improve curb reveal	Low	Short-term	\$25,000
Sight Distance	Replace street name signs	Low	Short-term	\$1,000
Sight Distance	Reset utility poles (It is assumed that this will require coordination with utility companies)	Medium	Mid-term	\$50,000
Sight Distance	Install Intersection Warning Signs on Belmont Street approaches	Low	Short-term	\$400
Roadway Condition	Repaint lane lines along Belmont Street	Medium	Short-term	\$5,000
Roadway Condition	Clean catch basins of sediment and debris	Low	Short-term	\$5,000
Roadway Condition	Rehabilitate Pavement	Medium	Mid-term	\$200,000
Roadway Condition	Verify existing lighting conditions and replace bulbs as needed	Medium	Short-term	\$20,000
Access Management	Verify permits for existing access points	Low	Short-term	\$2,000
Pedestrian Accommodations	Reconstruct sidewalks and wheelchair ramps	Medium	Mid-term	\$150,000

## Appendix A. RSA Meeting Agenda

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# Agenda

## Road Safety Audit

**Brockton – Route 123 at Linwood / Lorraine**

Meeting Location: Old Colony Planning Council

70 School Street, Brockton

Tuesday, September 1, 2009

10:00 AM – 12:00 noon

**Type of meeting:** High Crash Location – Road Safety Audit  
**Attendees:** Invited Participants to Comprise a Multidisciplinary Team  
**Please bring:** Thoughts and Enthusiasm!!

**10:00 AM** Welcome and Introductions

**10:15 AM** Review of Site Specific Material

- Crash, Speed & Volume Summaries– provided in advance
- Existing Geometries and Conditions

**10:45 AM** Visit the Site

- Drive to the intersection
- As a group, identify areas for improvement

**12:15 AM** Completion of RSA

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

**1:00 PM** Adjourn for the Day – but the RSA has not ended

### Instructions for Participants:

- Before attending the RSA on September 1<sup>st</sup>, participants are encouraged to drive through Route 123/Linwood/Lorraine intersection and complete/consider elements on the RSA Prompt List with a focus on safety.
- 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 overall RSA process.
- After the RSA meeting, participants will be asked to comment and respond to the document materials to assure it is reflective of the RSA completed by the multidisciplinary team.

## Appendix B. RSA Audit Team Contact List

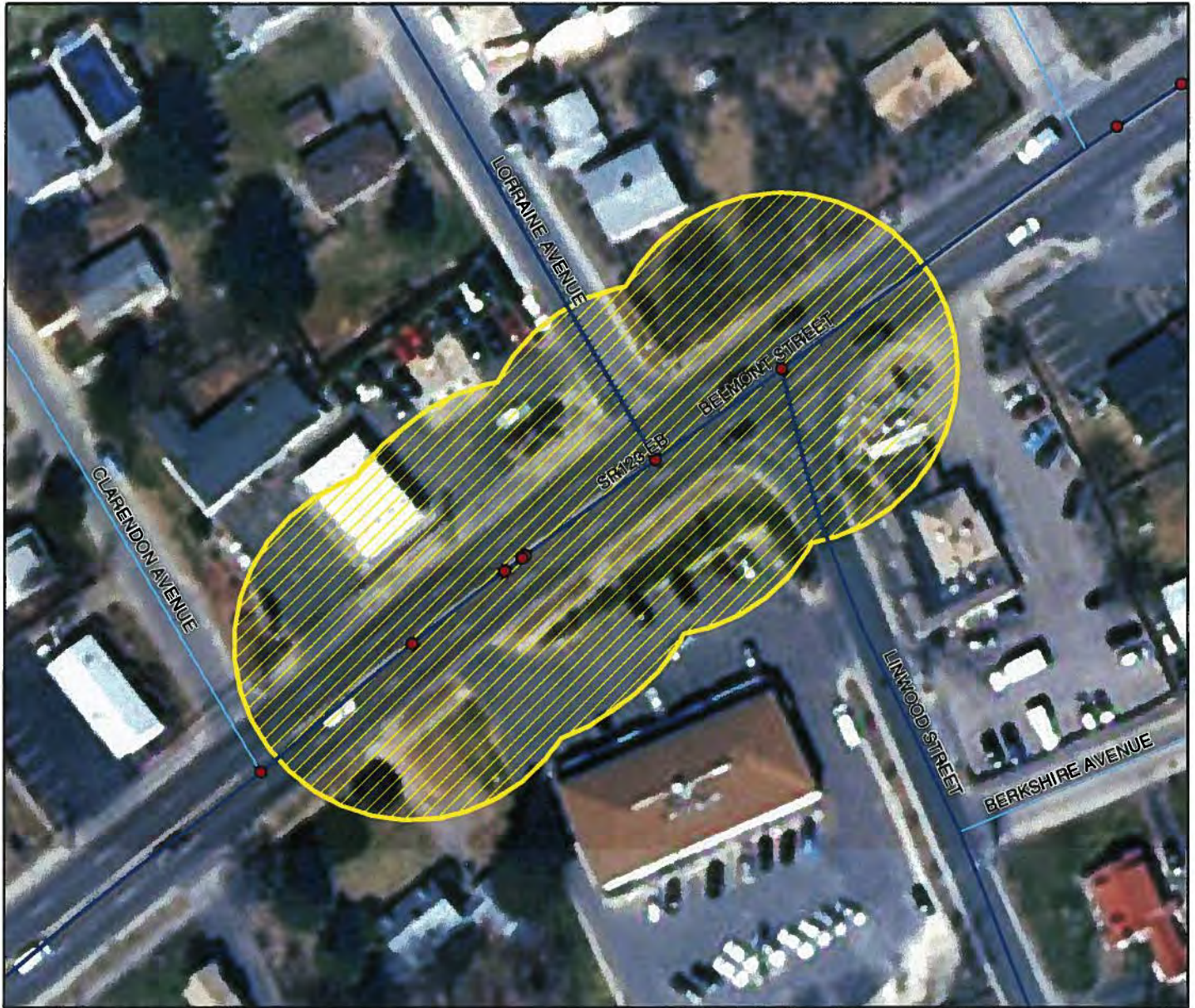
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## Appendix C. Crash Data

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# Top Crash Intersections 2005-2007



0 65 130 195 260 Feet



**RANK**  
**68**

## BROCKTON

BELMONT STREET ROUTE 123  
LINWOOD STREET

MHD District 5  
RPA OCPC  
EPDO 156  
Number of Fatal Crashes 0  
Number of Injury Crashes 25  
Number of Non-Injury Crashes 31  
Total Crashes 56

### Legend

- Crash Locations 2005-2007
- Local Roads
- All Functional Classification Except Local Roads
- Top Crash Intersections

## Appendix D. Traffic Volume Data

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

Start Time	27-Jul-09		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	101	161	97	160	*	*	*	*	*	*	99	160
01:00	*	*	*	*	76	101	68	84	*	*	*	*	*	*	72	92
02:00	*	*	*	*	47	68	42	61	*	*	*	*	*	*	44	64
03:00	*	*	*	*	56	52	52	41	*	*	*	*	*	*	54	46
04:00	*	*	*	*	94	54	89	58	*	*	*	*	*	*	92	56
05:00	*	*	*	*	254	133	235	134	*	*	*	*	*	*	244	134
06:00	*	*	*	*	452	281	462	309	*	*	*	*	*	*	457	295
07:00	*	*	*	*	607	612	635	612	*	*	*	*	*	*	621	612
08:00	*	*	*	*	585	<b>759</b>	627	<b>824</b>	*	*	*	*	*	*	606	<b>792</b>
09:00	*	*	*	*	634	726	629	804	*	*	*	*	*	*	632	765
10:00	*	*	*	*	691	627	688	700	*	*	*	*	*	*	690	664
11:00	*	*	*	*	<b>760</b>	730	<b>747</b>	739	*	*	*	*	*	*	<b>754</b>	734
12:00 PM	*	*	*	*	818	801	<b>973</b>	802	*	*	*	*	*	*	<b>896</b>	802
01:00	*	*	*	*	<b>841</b>	727	861	788	*	*	*	*	*	*	851	758
02:00	*	*	*	*	765	789	823	805	*	*	*	*	*	*	794	797
03:00	*	*	*	*	796	848	816	869	*	*	*	*	*	*	806	858
04:00	*	*	*	*	797	<b>864</b>	856	<b>915</b>	*	*	*	*	*	*	826	<b>890</b>
05:00	*	*	*	*	831	818	824	885	*	*	*	*	*	*	828	852
06:00	*	*	*	*	627	672	647	680	*	*	*	*	*	*	637	676
07:00	*	*	*	*	495	529	535	582	*	*	*	*	*	*	515	556
08:00	*	*	*	*	418	443	474	487	*	*	*	*	*	*	446	465
09:00	*	*	*	*	358	354	413	392	*	*	*	*	*	*	386	373
10:00	*	*	*	*	245	301	267	303	*	*	*	*	*	*	256	302
11:00	*	*	*	*	194	231	165	213	*	*	*	*	*	*	180	222
Total	0	0	0	0	11542	11681	12025	12247	0	0	0	0	0	0	11786	11965
Day	0	0	0	0	23223		24272		0	0	0	0	0	0	23751	
AM Peak					11:00	08:00	11:00	08:00							11:00	08:00
Vol.					760	759	747	824							754	792
PM Peak					13:00	16:00	12:00	16:00							12:00	16:00
Vol.					841	864	973	915							896	890
Comb. Total	0	0	0	0	23223		24272		0	0	0	0	0	0	23751	

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

Start Time	27-Jul-09 Mon	28-Jul-09 Tue	29-Jul-09 Wed	30-Jul-09 Thu	31-Jul-09 Fri	01-Aug-09 Sat	02-Aug-09 Sun	Week Average
12:00 AM	*	*	262	257	*	*	*	260
01:00	*	*	177	152	*	*	*	164
02:00	*	*	115	103	*	*	*	109
03:00	*	*	108	93	*	*	*	100
04:00	*	*	148	147	*	*	*	148
05:00	*	*	387	369	*	*	*	378
06:00	*	*	733	771	*	*	*	752
07:00	*	*	1219	1247	*	*	*	1233
08:00	*	*	1344	1451	*	*	*	1398
09:00	*	*	1360	1433	*	*	*	1396
10:00	*	*	1318	1388	*	*	*	1353
11:00	*	*	1490	1486	*	*	*	1488
12:00 PM	*	*	1619	1775	*	*	*	1697
01:00	*	*	1568	1649	*	*	*	1608
02:00	*	*	1554	1628	*	*	*	1591
03:00	*	*	1644	1685	*	*	*	1664
04:00	*	*	1661	1771	*	*	*	1716
05:00	*	*	1649	1709	*	*	*	1679
06:00	*	*	1299	1327	*	*	*	1313
07:00	*	*	1024	1117	*	*	*	1070
08:00	*	*	861	961	*	*	*	911
09:00	*	*	712	805	*	*	*	758
10:00	*	*	546	570	*	*	*	558
11:00	*	*	425	378	*	*	*	402
Total	0	0	23223	24272	0	0	0	23746
Percentage	0.0%	0.0%	97.8%	102.2%	0.0%	0.0%	0.0%	
AM Peak			11:00	11:00				11:00
Vol.			1490	1486				1488
PM Peak			16:00	12:00				16:00
Vol.			1661	1775				1716



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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

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			
07/29/09	2	0	1	1	5	22	40	19	7	3	1	0	0	0	0	101
01:00	1	0	0	4	10	22	23	10	5	1	0	0	0	0	0	76
02:00	2	0	0	1	2	12	13	13	2	2	0	0	0	0	0	47
03:00	0	0	0	0	6	5	17	14	12	2	0	0	0	0	0	56
04:00	2	0	0	3	2	21	28	24	9	3	1	0	1	0	0	94
05:00	5	1	2	0	18	35	87	67	30	9	0	0	0	0	0	254
06:00	16	0	1	10	45	105	128	95	43	7	2	0	0	0	0	452
07:00	29	0	0	12	78	194	176	83	26	9	0	0	0	0	0	607
08:00	50	0	5	25	93	194	164	43	9	2	0	0	0	0	0	585
09:00	55	0	1	23	87	190	195	62	14	6	1	0	0	0	0	634
10:00	66	19	53	116	188	169	68	12	0	0	0	0	0	0	0	691
11:00	67	10	17	86	214	215	120	25	6	0	0	0	0	0	0	760
12 PM	78	0	7	44	167	295	180	39	6	2	0	0	0	0	0	818
13:00	80	1	4	66	204	263	171	44	5	2	1	0	0	0	0	841
14:00	79	2	5	28	147	278	166	51	8	1	0	0	0	0	0	765
15:00	78	3	3	30	137	268	200	57	14	5	1	0	0	0	0	796
16:00	88	2	6	42	126	271	166	76	15	5	0	0	0	0	0	797
17:00	88	1	4	21	128	283	226	70	7	3	0	0	0	0	0	831
18:00	60	2	0	15	85	180	179	79	23	1	1	0	1	1	1	627
19:00	23	1	3	8	51	176	151	58	20	3	1	0	0	0	0	495
20:00	30	0	4	10	49	143	130	43	7	1	1	0	0	0	0	418
21:00	19	1	3	8	51	120	94	47	13	1	1	0	0	0	0	358
22:00	6	1	1	4	28	72	86	35	9	3	0	0	0	0	0	245
23:00	4	0	1	3	24	68	56	28	8	2	0	0	0	0	0	194
Total	928	44	121	560	1945	3601	2864	1094	298	73	11	0	2	1	1	11542

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 45 MPH  
 95th Percentile : 50 MPH  
  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 6465  
 Percent in Pace : 56.0%  
 Number of Vehicles > 40 MPH : 4343  
 Percent of Vehicles > 40 MPH : 37.6%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

WB

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	76		
07/30/09	2	0	0	1	11	29	32	13	7	1	1	0	0	0	0	97
01:00	0	0	1	0	5	28	21	7	2	3	1	0	0	0	0	68
02:00	0	0	0	0	0	13	13	12	4	0	0	0	0	0	0	42
03:00	0	0	0	0	3	8	16	14	7	3	0	0	1	0	0	52
04:00	0	0	0	0	3	19	33	17	13	4	0	0	0	0	0	89
05:00	3	0	1	2	8	44	84	62	23	7	1	0	0	0	0	235
06:00	20	0	1	10	43	106	138	98	39	5	2	0	0	0	0	462
07:00	55	0	4	21	88	183	177	85	18	3	0	1	0	0	0	635
08:00	57	0	3	14	85	203	169	79	15	1	1	0	0	0	0	627
09:00	64	1	5	22	70	189	180	85	9	3	0	1	0	0	0	629
10:00	65	2	2	40	90	209	201	64	11	4	0	0	0	0	0	688
11:00	73	2	6	68	190	227	136	38	7	0	0	0	0	0	0	747
12 PM	110	2	15	76	253	311	160	42	4	0	0	0	0	0	0	973
13:00	92	0	7	48	167	292	190	47	15	3	0	0	0	0	0	861
14:00	91	4	4	37	144	288	184	58	11	2	0	0	0	0	0	823
15:00	81	1	2	16	128	234	238	90	21	4	0	0	1	0	0	816
16:00	86	2	15	31	121	285	223	68	21	3	1	0	0	0	0	856
17:00	97	0	3	20	99	275	224	77	28	1	0	0	0	0	0	824
18:00	48	2	8	8	43	192	218	94	29	5	0	0	0	0	0	647
19:00	23	1	5	10	51	186	170	63	20	2	4	0	0	0	0	535
20:00	27	2	7	19	58	147	159	44	10	1	0	0	0	0	0	474
21:00	18	2	4	18	65	135	118	40	11	2	0	0	0	0	0	413
22:00	16	1	0	6	39	91	82	22	8	1	1	0	0	0	0	267
23:00	7	0	1	4	22	42	51	30	4	2	2	0	0	0	0	165
Total	1035	22	94	471	1786	3736	3217	1249	337	60	14	2	2	0	0	12025

Daily  
 15th Percentile : 31 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 45 MPH  
 95th Percentile : 50 MPH  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 6953  
 Percent in Pace : 57.8%  
 Number of Vehicles > 40 MPH : 4881  
 Percent of Vehicles > 40 MPH : 40.6%

Grand Total	1963	66	215	1031	3731	7337	6081	2343	635	133	25	2	4	1	23567
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Overall  
 15th Percentile : 31 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 45 MPH  
 95th Percentile : 50 MPH  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 13418  
 Percent in Pace : 56.9%  
 Number of Vehicles > 40 MPH : 9224  
 Percent of Vehicles > 40 MPH : 39.1%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

EB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:29/09	5	0	3	7	40	54	43	8	1	0	0	0	0	0	161
01:00	3	0	0	2	13	43	35	5	0	0	0	0	0	0	101
02:00	1	0	0	0	16	28	16	7	0	0	0	0	0	0	68
03:00	0	0	0	2	12	22	12	4	0	0	0	0	0	0	52
04:00	1	0	0	2	10	15	21	3	2	0	0	0	0	0	54
05:00	4	0	0	3	19	30	55	20	2	0	0	0	0	0	133
06:00	20	0	1	6	40	88	99	24	2	1	0	0	0	0	281
07:00	65	1	2	14	119	267	123	20	1	0	0	0	0	0	612
08:00	66	1	3	44	207	299	118	19	2	0	0	0	0	0	759
09:00	86	1	3	55	219	252	98	11	1	0	0	0	0	0	726
10:00	68	2	3	50	240	215	47	2	0	0	0	0	0	0	627
11:00	95	2	12	105	249	208	52	6	1	0	0	0	0	0	730
12 PM	108	2	10	75	270	242	88	6	0	0	0	0	0	0	801
13:00	110	10	7	63	246	202	80	8	1	0	0	0	0	0	727
14:00	130	4	17	50	250	254	70	13	1	0	0	0	0	0	789
15:00	104	6	8	74	260	274	109	12	1	0	0	0	0	0	848
16:00	120	3	5	92	282	259	86	16	1	0	0	0	0	0	864
17:00	113	2	2	48	210	300	125	16	2	0	0	0	0	0	818
18:00	68	4	5	23	181	249	119	20	3	0	0	0	0	0	672
19:00	42	9	1	23	111	219	105	15	3	1	0	0	0	0	529
20:00	38	7	4	22	135	166	61	7	2	1	0	0	0	0	443
21:00	18	2	2	23	98	137	67	6	1	0	0	0	0	0	354
22:00	21	5	1	7	65	127	67	8	0	0	0	0	0	0	301
23:00	14	1	0	11	61	86	50	7	1	0	0	0	0	0	231
Total	1300	62	89	801	3353	4036	1746	263	28	3	0	0	0	0	11681

Daily  
 15th Percentile : 27 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 7389  
 Percent in Pace : 63.3%  
 Number of Vehicles > 40 MPH : 2040  
 Percent of Vehicles > 40 MPH : 17.5%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

EB

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			
07:30/09	8	0	0	4	39	60	43	4	2	0	0	0	0	0	0	160
01:00	1	0	0	0	16	42	17	4	4	0	0	0	0	0	0	84
02:00	0	1	1	1	9	21	24	4	0	0	0	0	0	0	0	61
03:00	1	0	0	1	10	16	9	3	0	1	0	0	0	0	0	41
04:00	2	0	0	1	14	16	13	11	1	0	0	0	0	0	0	58
05:00	9	0	0	1	14	51	43	15	0	1	0	0	0	0	0	134
06:00	32	3	3	6	50	112	77	23	2	1	0	0	0	0	0	309
07:00	63	1	3	33	96	271	123	19	3	0	0	0	0	0	0	612
08:00	92	0	2	31	244	322	121	10	2	0	0	0	0	0	0	824
09:00	91	4	8	63	228	309	87	12	2	0	0	0	0	0	0	804
10:00	101	2	1	39	205	275	66	10	1	0	0	0	0	0	0	700
11:00	100	2	10	94	294	183	51	5	0	0	0	0	0	0	0	739
12 PM	137	4	16	93	284	204	51	13	0	0	0	0	0	0	0	802
13:00	117	3	9	68	219	278	91	2	1	0	0	0	0	0	0	788
14:00	112	9	9	89	239	253	83	11	0	0	0	0	0	0	0	805
15:00	124	1	6	70	270	271	102	21	3	1	0	0	0	0	0	869
16:00	113	5	4	72	279	326	103	12	1	0	0	0	0	0	0	915
17:00	125	3	7	45	221	322	136	26	0	0	0	0	0	0	0	885
18:00	75	4	3	18	112	289	145	30	4	0	0	0	0	0	0	680
19:00	54	6	3	4	111	264	119	19	2	0	0	0	0	0	0	582
20:00	39	6	8	20	138	203	60	11	2	0	0	0	0	0	0	487
21:00	32	2	0	32	98	170	45	12	1	0	0	0	0	0	0	392
22:00	22	7	4	23	79	104	54	8	2	0	0	0	0	0	0	303
23:00	5	1	2	8	44	80	59	9	5	0	0	0	0	0	0	213
Total	1455	64	99	816	3313	4442	1722	294	38	4	0	0	0	0	0	12247

Daily  
 15th Percentile : 27 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 45 MPH  
 Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 7755  
 Percent in Pace : 63.3%  
 Number of Vehicles > 40 MPH : 2058  
 Percent of Vehicles > 40 MPH : 16.8%

Grand Total	2755	126	188	1617	6666	8478	3468	557	66	7	0	0	0	0	0	23928
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Overall  
 15th Percentile : 27 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 45 MPH  
 Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 15144  
 Percent in Pace : 63.3%  
 Number of Vehicles > 40 MPH : 4098  
 Percent of Vehicles > 40 MPH : 17.1%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

WB, EB

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total
07/29/09	7	0	4	8	45	76	83	27	8	3	1	0	0	0	0	262
01:00	4	0	0	6	23	65	58	15	5	1	0	0	0	0	0	177
02:00	3	0	0	1	18	40	29	20	2	2	0	0	0	0	0	115
03:00	0	0	0	2	18	27	29	18	12	2	0	0	0	0	0	108
04:00	3	0	0	5	12	36	49	27	11	3	1	0	1	0	0	148
05:00	9	1	2	3	37	65	142	87	32	9	0	0	0	0	0	387
06:00	36	0	2	16	85	193	227	119	45	8	2	0	0	0	0	733
07:00	94	1	2	26	197	461	299	103	27	9	0	0	0	0	0	1219
08:00	116	1	8	69	300	493	282	62	11	2	0	0	0	0	0	1344
09:00	141	1	4	78	306	442	293	73	15	6	1	0	0	0	0	1360
10:00	134	21	56	166	428	384	115	14	0	0	0	0	0	0	0	1318
11:00	162	12	29	191	463	423	172	31	7	0	0	0	0	0	0	1490
12 PM	186	2	17	119	437	537	268	45	6	2	0	0	0	0	0	1619
13:00	190	11	11	129	450	465	251	52	6	2	1	0	0	0	0	1568
14:00	209	6	22	78	397	532	236	64	9	1	0	0	0	0	0	1554
15:00	182	9	11	104	397	542	309	69	15	5	1	0	0	0	0	1644
16:00	208	5	11	134	408	530	252	92	16	5	0	0	0	0	0	1661
17:00	201	3	6	69	338	583	351	86	9	3	0	0	0	0	0	1649
18:00	128	6	5	38	266	429	298	99	26	1	1	0	1	1	1	1299
19:00	65	10	4	31	162	395	256	73	23	4	1	0	0	0	0	1024
20:00	68	7	8	32	184	309	191	50	9	2	1	0	0	0	0	861
21:00	37	3	5	31	149	257	161	53	14	1	1	0	0	0	0	712
22:00	27	6	2	11	93	199	153	43	9	3	0	0	0	0	0	546
23:00	18	1	1	14	85	154	106	35	9	2	0	0	0	0	0	425
Total	2228	106	210	1361	5298	7637	4610	1357	326	76	11	0	2	1	1	23223

Daily  
 15th Percentile : 29 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 44 MPH  
 95th Percentile : 48 MPH  
 Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 12935  
 Percent in Pace : 55.7%  
 Number of Vehicles > 40 MPH : 6383  
 Percent of Vehicles > 40 MPH : 27.5%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

WB, EB

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total
07:30/09	10	0	0	5	50	89	75	17	9	1	1	0	0	0	0	257
01:00	1	0	1	0	21	70	38	11	6	3	1	0	0	0	0	152
02:00	0	1	1	1	9	34	37	16	4	0	0	0	0	0	0	103
03:00	1	0	0	1	13	24	25	17	7	4	0	0	1	0	0	93
04:00	2	0	0	1	17	35	46	28	14	4	0	0	0	0	0	147
05:00	12	0	1	3	22	95	127	77	23	8	1	0	0	0	0	369
06:00	52	3	4	16	93	218	215	121	41	6	2	0	0	0	0	771
07:00	118	1	7	54	184	454	300	104	21	3	0	1	0	0	0	1247
08:00	149	0	5	45	329	525	290	89	17	1	1	0	0	0	0	1451
09:00	155	5	13	85	298	498	267	97	11	3	0	1	0	0	0	1433
10:00	166	4	3	79	295	484	267	74	12	4	0	0	0	0	0	1388
11:00	173	4	16	162	484	410	187	43	7	0	0	0	0	0	0	1486
12 PM	247	6	31	169	537	515	211	55	4	0	0	0	0	0	0	1775
13:00	209	3	16	116	386	570	281	49	16	3	0	0	0	0	0	1649
14:00	203	13	13	126	383	541	267	69	11	2	0	0	0	0	0	1628
15:00	205	2	8	86	398	505	340	111	24	5	0	0	1	0	0	1685
16:00	199	7	19	103	400	611	326	80	22	3	1	0	0	0	0	1771
17:00	222	3	10	65	320	597	360	103	28	1	0	0	0	0	0	1709
18:00	123	6	11	26	155	481	363	124	33	5	0	0	0	0	0	1327
19:00	77	7	8	14	162	450	289	82	22	2	4	0	0	0	0	1117
20:00	66	8	15	39	196	350	219	55	12	1	0	0	0	0	0	961
21:00	50	4	4	50	163	305	163	52	12	2	0	0	0	0	0	805
22:00	38	8	4	29	118	195	136	30	10	1	1	0	0	0	0	570
23:00	12	1	3	12	66	122	110	39	9	2	2	0	0	0	0	378
Total	2490	86	193	1287	5099	8178	4939	1543	375	64	14	2	2	0	0	24272

Daily  
 15th Percentile : 29 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 44 MPH  
 95th Percentile : 48 MPH  
  
 Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 13277  
 Percent in Pace : 54.7%  
 Number of Vehicles > 40 MPH : 6939  
 Percent of Vehicles > 40 MPH : 28.6%

Grand Total	4718	192	403	2648	10397	15815	9549	2900	701	140	25	2	4	1	47495
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Overall  
 15th Percentile : 29 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 44 MPH  
 95th Percentile : 48 MPH  
  
 Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 26212  
 Percent in Pace : 55.2%  
 Number of Vehicles > 40 MPH : 13322  
 Percent of Vehicles > 40 MPH : 28.0%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	0	71	24	1	3	1	0	0	1	0	0	0	0	101	6
01:00	0	56	17	0	1	1	0	0	1	0	0	0	0	76	3
02:00	0	26	18	0	1	0	0	0	2	0	0	0	0	47	3
03:00	0	42	8	0	5	1	0	0	0	0	0	0	0	56	6
04:00	0	57	29	1	6	0	0	0	1	0	0	0	0	94	8
05:00	2	146	70	1	33	0	0	1	1	0	0	0	0	254	36
06:00	2	309	101	4	28	1	1	5	0	1	0	0	0	452	40
07:00	5	391	149	8	42	4	0	6	0	0	1	0	0	606	61
08:00	1	390	148	4	35	4	0	4	1	0	0	0	0	587	48
09:00	1	422	159	9	33	2	0	6	4	0	0	0	0	636	54
10:00	4	459	169	4	42	11	0	2	2	0	0	0	0	693	61
11:00	4	488	194	7	52	6	0	9	1	0	0	0	0	761	75
12 PM	1	556	201	10	39	4	0	6	2	0	0	0	0	819	61
13:00	5	577	189	7	53	4	1	5	1	0	0	0	0	842	71
14:00	2	503	207	10	29	7	0	6	2	0	0	0	0	766	54
15:00	3	537	205	6	29	7	2	7	1	0	0	0	0	797	52
16:00	0	574	169	3	39	3	1	7	1	0	0	0	0	797	54
17:00	3	617	170	5	27	3	0	5	2	0	1	0	0	833	43
18:00	4	450	132	5	32	4	0	2	0	0	0	0	0	629	43
19:00	1	340	120	4	23	3	0	2	1	0	0	0	0	494	33
20:00	1	293	102	2	16	0	0	3	0	0	0	0	0	417	21
21:00	3	280	65	1	8	1	0	0	0	0	0	0	0	358	10
22:00	0	174	56	0	13	1	0	0	1	0	0	0	0	245	15
23:00	0	156	31	1	6	0	0	0	0	0	0	0	0	194	7
Total	42	7914	2733	93	595	68	5	76	25	1	2	0	0	11554	865
Percent	0.4%	68.5%	23.7%	0.8%	5.1%	0.6%	0.0%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%		7.5%
AM Peak	07:00	11:00	11:00	09:00	11:00	10:00	06:00	11:00	09:00	06:00	07:00			11:00	11:00
Vol.	5	488	194	9	52	11	1	9	4	1	1			761	75
PM Peak	13:00	17:00	14:00	12:00	13:00	14:00	15:00	15:00	12:00		17:00			13:00	13:00
Vol.	5	617	207	10	53	7	2	7	2		1			842	71

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

Community: Brockton  
Com #\_U/RFC: 44\_U3  
Recorder #: Jamar #15  
Tube Layout: L6 Basic (2')

Station ID:  
Site Code: 44  
Date Start: 29-Jul-09  
Date End: 30-Jul-09  
Belmont St (123), west of Linwood St

WB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	07/30/09	0	73	21	2	1	0	0	0	0	0	0	0	0	97	3
	01:00	0	48	15	0	5	0	0	0	0	0	0	0	0	68	5
	02:00	0	28	12	0	2	0	0	0	0	0	0	0	0	42	2
	03:00	0	26	18	0	7	1	0	0	0	0	0	0	0	52	8
	04:00	0	53	22	2	9	1	0	1	1	0	0	0	0	89	14
	05:00	0	142	64	1	26	1	0	0	1	0	0	0	0	235	29
	06:00	2	301	114	5	36	2	0	1	1	0	0	0	0	462	45
	07:00	3	430	153	5	35	4	0	4	2	0	0	0	0	636	50
	08:00	1	406	168	4	36	4	0	6	2	0	1	0	0	628	53
	09:00	1	408	157	6	43	9	0	6	2	0	0	0	0	632	66
	10:00	5	449	173	10	42	5	0	3	2	0	0	0	1	690	63
	11:00	0	505	174	9	46	8	0	5	2	0	0	0	0	749	70
	12 PM	6	679	215	8	48	8	0	8	2	0	0	0	0	974	74
	13:00	2	572	229	9	37	9	0	3	1	0	0	0	0	862	59
	14:00	5	559	192	8	38	8	2	8	4	0	0	0	0	824	68
	15:00	2	556	198	6	49	4	0	3	0	0	0	0	0	818	62
	16:00	3	602	200	4	37	3	0	5	1	0	1	0	0	856	51
	17:00	4	607	166	6	33	3	0	5	1	0	0	0	0	825	48
	18:00	5	473	138	3	25	1	0	1	0	0	0	0	0	646	30
	19:00	4	400	104	2	17	1	0	4	2	0	0	0	0	534	26
	20:00	4	357	92	1	13	3	0	1	2	0	0	0	0	473	20
	21:00	3	299	95	1	12	1	0	0	1	0	0	0	0	412	15
	22:00	2	212	43	0	9	0	0	1	0	0	0	0	0	267	10
	23:00	2	116	40	0	5	1	0	0	0	0	0	0	0	164	6
	Total	54	8301	2803	92	611	77	2	65	27	0	2	0	1	12035	877
	Percent	0.4%	69.0%	23.3%	0.8%	5.1%	0.6%	0.0%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%		7.3%
	AM Peak	10:00	11:00	11:00	10:00	11:00	09:00		08:00	07:00		08:00		10:00	11:00	11:00
	Vol.	5	505	174	10	46	9		6	2		1		1	749	70
	PM Peak	12:00	12:00	13:00	13:00	15:00	13:00	14:00	12:00	14:00		16:00			12:00	12:00
	Vol.	6	679	229	9	49	9	2	8	4		1			974	74
	Grand Total	96	16215	5536	185	1206	145	7	141	52	1	4	0	1	23589	1742
	Percent	0.4%	68.7%	23.5%	0.8%	5.1%	0.6%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%		7.4%



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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	1	148	10	0	0	1	0	0	1	0	0	0	0	161	2
01:00	0	86	12	0	2	1	0	0	0	0	0	0	0	101	3
02:00	0	54	10	0	1	0	0	2	1	0	0	0	0	68	4
03:00	1	44	6	0	0	1	0	0	0	0	0	0	0	52	1
04:00	0	40	8	1	3	0	0	0	2	0	0	0	0	54	6
05:00	0	101	19	2	8	2	0	1	0	0	0	0	0	133	13
06:00	1	206	52	3	8	10	0	1	0	0	0	0	0	281	22
07:00	0	494	73	6	23	8	0	7	1	0	1	0	1	614	47
08:00	2	635	86	4	24	2	0	4	3	1	0	0	0	761	38
09:00	3	585	99	2	20	6	0	9	2	0	0	0	0	726	39
10:00	2	503	79	6	24	5	0	6	3	1	0	0	0	629	45
11:00	1	594	91	8	24	5	1	5	0	2	0	0	0	731	45
12 PM	1	659	99	4	23	4	0	6	3	1	1	0	0	801	42
13:00	3	587	99	5	17	5	0	8	3	0	0	0	0	727	38
14:00	1	670	82	2	26	3	0	3	1	0	1	0	0	789	36
15:00	4	702	105	2	17	3	0	12	4	0	0	0	0	849	38
16:00	4	719	104	3	19	6	0	8	1	0	0	0	0	864	37
17:00	2	711	79	2	19	1	0	5	0	0	0	0	0	819	27
18:00	2	589	67	2	7	2	0	2	2	1	0	0	0	674	16
19:00	0	454	57	3	9	1	0	4	0	0	0	0	0	528	17
20:00	0	395	40	0	5	0	0	3	0	0	0	0	0	443	8
21:00	1	313	32	0	6	0	0	2	0	0	0	0	0	354	8
22:00	1	273	24	0	1	1	0	0	0	0	0	0	0	300	2
23:00	0	210	20	0	1	0	0	1	0	0	0	0	0	232	2
Total	30	9772	1353	55	287	67	1	89	27	6	3	0	1	11691	536
Percent	0.3%	83.6%	11.6%	0.5%	2.5%	0.6%	0.0%	0.8%	0.2%	0.1%	0.0%	0.0%	0.0%		4.6%
AM Peak	09:00	08:00	09:00	11:00	08:00	06:00	11:00	09:00	08:00	11:00	07:00		07:00	08:00	07:00
Vol.	3	635	99	8	24	10	1	9	3	2	1		1	761	47
PM Peak	15:00	16:00	15:00	13:00	14:00	16:00		15:00	15:00	12:00	12:00			16:00	12:00
Vol.	4	719	105	5	26	6		12	4	1	1			864	42

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/30/09	0	141	18	0	0	0	0	0	0	0	0	0	0	159	0
01:00	0	68	12	0	2	0	0	0	2	0	0	0	0	84	4
02:00	0	48	11	1	0	0	0	0	1	0	0	0	0	61	2
03:00	0	36	5	0	0	0	0	0	0	0	0	0	0	41	0
04:00	1	44	6	1	2	1	0	0	3	0	0	0	0	58	7
05:00	0	108	17	0	4	1	0	1	3	0	0	0	0	134	9
06:00	3	226	53	1	12	8	0	2	2	0	1	0	0	308	26
07:00	1	495	78	4	23	3	1	5	4	0	0	0	0	614	40
08:00	1	678	94	4	30	4	0	10	4	1	0	0	0	826	53
09:00	0	667	91	4	29	4	0	8	2	0	0	0	0	805	47
10:00	4	567	99	6	17	2	0	2	3	0	0	1	0	701	31
11:00	5	574	123	4	20	5	0	4	5	0	0	0	0	740	38
12 PM	2	669	102	3	18	2	0	5	1	0	0	0	0	802	29
13:00	2	656	90	7	19	5	0	6	4	0	0	0	0	789	41
14:00	5	674	95	5	14	6	1	5	0	0	1	0	0	806	32
15:00	3	705	128	1	22	1	0	4	3	0	1	0	1	869	33
16:00	3	760	121	4	15	3	0	8	1	0	0	0	1	916	32
17:00	10	747	96	3	18	3	0	7	1	0	1	0	0	886	33
18:00	1	584	84	1	6	1	0	5	0	0	0	0	0	682	13
19:00	1	502	64	2	7	1	0	5	1	1	0	0	0	584	17
20:00	0	440	35	1	6	2	0	1	1	0	1	0	0	487	12
21:00	0	357	27	0	4	0	0	1	2	0	0	0	0	391	7
22:00	4	274	20	1	3	0	0	0	1	0	0	0	0	303	5
23:00	1	189	21	0	1	1	0	0	0	0	0	0	0	213	2
Total	47	10209	1490	53	272	53	2	79	44	2	5	1	2	12259	513
Percent	0.4%	83.3%	12.2%	0.4%	2.2%	0.4%	0.0%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%		4.2%
AM Peak	11:00	08:00	11:00	10:00	08:00	06:00	07:00	08:00	11:00	08:00	06:00	10:00		08:00	08:00
Vol.	5	678	123	6	30	8	1	10	5	1	1	1		826	53
PM Peak	17:00	16:00	15:00	13:00	15:00	14:00	14:00	16:00	13:00	19:00	14:00		15:00	16:00	13:00
Vol.	10	760	128	7	22	6	1	8	4	1	1		1	916	41
Grand Total	77	19981	2843	108	559	120	3	168	71	8	8	1	3	23950	1049
Percent	0.3%	83.4%	11.9%	0.5%	2.3%	0.5%	0.0%	0.7%	0.3%	0.0%	0.0%	0.0%	0.0%		4.4%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #15  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), west of Linwood St

WB, EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	1	219	34	1	3	2	0	0	2	0	0	0	0	262	8
01:00	0	142	29	0	3	2	0	0	1	0	0	0	0	177	6
02:00	0	80	28	0	2	0	0	2	3	0	0	0	0	115	7
03:00	1	86	14	0	5	2	0	0	0	0	0	0	0	108	7
04:00	0	97	37	2	9	0	0	0	3	0	0	0	0	148	14
05:00	2	247	89	3	41	2	0	2	1	0	0	0	0	387	49
06:00	3	515	153	7	36	11	1	6	0	1	0	0	0	733	62
07:00	5	885	222	14	65	12	0	13	1	0	2	0	1	1220	108
08:00	3	1025	234	8	59	6	0	8	4	1	0	0	0	1348	86
09:00	4	1007	258	11	53	8	0	15	6	0	0	0	0	1362	93
10:00	6	962	248	10	66	16	0	8	5	1	0	0	0	1322	106
11:00	5	1082	285	15	76	11	1	14	1	2	0	0	0	1492	120
12 PM	2	1215	300	14	62	8	0	12	5	1	1	0	0	1620	103
13:00	8	1164	288	12	70	9	1	13	4	0	0	0	0	1569	109
14:00	3	1173	289	12	55	10	0	9	3	0	1	0	0	1555	90
15:00	7	1239	310	8	46	10	2	19	5	0	0	0	0	1646	90
16:00	4	1293	273	6	58	9	1	15	2	0	0	0	0	1661	91
17:00	5	1328	249	7	46	4	0	10	2	0	1	0	0	1652	70
18:00	6	1039	199	7	39	6	0	4	2	1	0	0	0	1303	59
19:00	1	794	177	7	32	4	0	6	1	0	0	0	0	1022	50
20:00	1	688	142	2	21	0	0	6	0	0	0	0	0	860	29
21:00	4	593	97	1	14	1	0	2	0	0	0	0	0	712	18
22:00	1	447	80	0	14	2	0	0	1	0	0	0	0	545	17
23:00	0	366	51	1	7	0	0	1	0	0	0	0	0	426	9
Total	72	17686	4086	148	882	135	6	165	52	7	5	0	1	23245	1401
Percent	0.3%	76.1%	17.6%	0.6%	3.8%	0.6%	0.0%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%		6.0%
AM Peak	10:00	11:00	11:00	11:00	11:00	10:00	06:00	09:00	09:00	11:00	07:00		07:00	11:00	11:00
Vol.	6	1082	285	15	76	16	1	15	6	2	2		1	1492	120
PM Peak	13:00	17:00	15:00	12:00	13:00	14:00	15:00	15:00	12:00	12:00	12:00			16:00	13:00
Vol.	8	1328	310	14	70	10	2	19	5	1	1			1661	109

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

Community: Brockton  
Com #\_U/RFC: 44\_U3  
Recorder #: Jamar #15  
Tube Layout: L6 Basic (2')

Station ID:  
Site Code: 44  
Date Start: 29-Jul-09  
Date End: 30-Jul-09  
Belmont St (123), west of Linwood St

WB, EB																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total	
07/30/09	0	214	39	2	1	0	0	0	0	0	0	0	0	256	3	
01:00	0	116	27	0	7	0	0	0	2	0	0	0	0	152	9	
02:00	0	76	23	1	2	0	0	0	1	0	0	0	0	103	4	
03:00	0	62	23	0	7	1	0	0	0	0	0	0	0	93	8	
04:00	1	97	28	3	11	2	0	1	4	0	0	0	0	147	21	
05:00	0	250	81	1	30	2	0	1	4	0	0	0	0	369	38	
06:00	5	527	167	6	48	10	0	3	3	0	1	0	0	770	71	
07:00	4	925	231	9	58	7	1	9	6	0	0	0	0	1250	90	
08:00	2	1084	262	8	66	8	0	16	6	1	1	0	0	1454	106	
09:00	1	1075	248	10	72	13	0	14	4	0	0	0	0	1437	113	
10:00	9	1016	272	16	59	7	0	5	5	0	0	1	1	1391	94	
11:00	5	1079	297	13	66	13	0	9	7	0	0	0	0	1489	108	
12 PM	8	1348	317	11	66	10	0	13	3	0	0	0	0	1776	103	
13:00	4	1228	319	16	56	14	0	9	5	0	0	0	0	1651	100	
14:00	10	1233	287	13	52	14	3	13	4	0	1	0	0	1630	100	
15:00	5	1261	326	7	71	5	0	7	3	0	1	0	1	1687	95	
16:00	6	1362	321	8	52	6	0	13	2	0	1	0	1	1772	83	
17:00	14	1354	262	9	51	6	0	12	2	0	1	0	0	1711	81	
18:00	6	1057	222	4	31	2	0	6	0	0	0	0	0	1328	43	
19:00	5	902	168	4	24	2	0	9	3	1	0	0	0	1118	43	
20:00	4	797	127	2	19	5	0	2	3	0	1	0	0	960	32	
21:00	3	656	122	1	16	1	0	1	3	0	0	0	0	803	22	
22:00	6	486	63	1	12	0	0	1	1	0	0	0	0	570	15	
23:00	3	305	61	0	6	2	0	0	0	0	0	0	0	377	8	
Total	101	18510	4293	145	883	130	4	144	71	2	7	1	3	24294	1390	
Percent	0.4%	76.2%	17.7%	0.6%	3.6%	0.5%	0.0%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%		5.7%	
AM Peak	10:00	08:00	11:00	10:00	09:00	09:00	07:00	08:00	11:00	08:00	06:00	10:00	10:00	11:00	09:00	
Vol.	9	1084	297	16	72	13	1	16	7	1	1	1	1	1489	113	
PM Peak	17:00	16:00	15:00	13:00	15:00	13:00	14:00	12:00	13:00	19:00	14:00		15:00	12:00	12:00	
Vol.	14	1362	326	16	71	14	3	13	5	1	1		1	1776	103	
Grand Total	173	36196	8379	293	1765	265	10	309	123	9	12	1	4	47539	2791	
Percent	0.4%	76.1%	17.6%	0.6%	3.7%	0.6%	0.0%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%		5.9%	

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

Start Time	27-Jul-09		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	103	142	96	149	*	*	*	*	*	*	100	146
01:00	*	*	*	*	76	97	65	80	*	*	*	*	*	*	70	88
02:00	*	*	*	*	50	64	45	61	*	*	*	*	*	*	48	62
03:00	*	*	*	*	49	49	49	41	*	*	*	*	*	*	49	45
04:00	*	*	*	*	88	53	88	54	*	*	*	*	*	*	88	54
05:00	*	*	*	*	223	139	208	140	*	*	*	*	*	*	216	140
06:00	*	*	*	*	403	300	424	321	*	*	*	*	*	*	414	310
07:00	*	*	*	*	501	611	561	645	*	*	*	*	*	*	531	628
08:00	*	*	*	*	552	<b>773</b>	591	<b>860</b>	*	*	*	*	*	*	572	<b>816</b>
09:00	*	*	*	*	608	764	626	842	*	*	*	*	*	*	617	803
10:00	*	*	*	*	693	683	692	741	*	*	*	*	*	*	692	712
11:00	*	*	*	*	<b>743</b>	738	<b>765</b>	768	*	*	*	*	*	*	<b>754</b>	753
12:00 PM	*	*	*	*	824	818	<b>938</b>	849	*	*	*	*	*	*	<b>881</b>	834
01:00	*	*	*	*	802	766	882	821	*	*	*	*	*	*	842	794
02:00	*	*	*	*	762	782	807	817	*	*	*	*	*	*	784	800
03:00	*	*	*	*	775	828	808	843	*	*	*	*	*	*	792	836
04:00	*	*	*	*	764	<b>874</b>	838	<b>887</b>	*	*	*	*	*	*	801	<b>880</b>
05:00	*	*	*	*	<b>827</b>	809	803	887	*	*	*	*	*	*	815	848
06:00	*	*	*	*	627	697	686	690	*	*	*	*	*	*	656	694
07:00	*	*	*	*	480	545	552	595	*	*	*	*	*	*	516	570
08:00	*	*	*	*	463	462	504	506	*	*	*	*	*	*	484	484
09:00	*	*	*	*	341	361	391	413	*	*	*	*	*	*	366	387
10:00	*	*	*	*	246	277	260	288	*	*	*	*	*	*	253	282
11:00	*	*	*	*	171	216	172	201	*	*	*	*	*	*	172	208
Total	0	0	0	0	11171	11848	11851	12499	0	0	0	0	0	0	11513	12174
Day	0	0	0	0	23019		24350		0	0	0	0	0	0	23687	
AM Peak					11:00	08:00	11:00	08:00							11:00	08:00
Vol.					743	773	765	860							754	816
PM Peak					17:00	16:00	12:00	16:00							12:00	16:00
Vol.					827	874	938	887							881	880

Comb. Total                    0                    0                    23019                    24350                    0                    0                    0                    23687

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

Start Time	27-Jul-09 Mon	28-Jul-09 Tue	29-Jul-09 Wed	30-Jul-09 Thu	31-Jul-09 Fri	01-Aug-09 Sat	02-Aug-09 Sun	Week Average
12:00 AM	*	*	245	245	*	*	*	245
01:00	*	*	173	145	*	*	*	159
02:00	*	*	114	106	*	*	*	110
03:00	*	*	98	90	*	*	*	94
04:00	*	*	141	142	*	*	*	142
05:00	*	*	362	348	*	*	*	355
06:00	*	*	703	745	*	*	*	724
07:00	*	*	1112	1206	*	*	*	1159
08:00	*	*	1325	1451	*	*	*	1388
09:00	*	*	1372	1468	*	*	*	1420
10:00	*	*	1376	1433	*	*	*	1404
11:00	*	*	<b>1481</b>	<b>1533</b>	*	*	*	<b>1507</b>
12:00 PM	*	*	<b>1642</b>	<b>1787</b>	*	*	*	<b>1714</b>
01:00	*	*	1568	1703	*	*	*	1636
02:00	*	*	1544	1624	*	*	*	1584
03:00	*	*	1603	1651	*	*	*	1627
04:00	*	*	1638	1725	*	*	*	1682
05:00	*	*	1636	1690	*	*	*	1663
06:00	*	*	1324	1376	*	*	*	1350
07:00	*	*	1025	1147	*	*	*	1086
08:00	*	*	925	1010	*	*	*	968
09:00	*	*	702	804	*	*	*	753
10:00	*	*	523	548	*	*	*	536
11:00	*	*	387	373	*	*	*	380
Total	0	0	23019	24350	0	0	0	23686
Percentage	0.0%	0.0%	97.2%	102.8%	0.0%	0.0%	0.0%	
AM Peak			11:00	11:00				11:00
Vol.			1481	1533				1507
PM Peak			12:00	12:00				12:00
Vol.			1642	1787				1714

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

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
07:29/09	4	0	3	3	20	35	31	5	2	0	0	0	0	0	103
01:00	3	0	1	4	17	23	21	6	1	0	0	0	0	0	76
02:00	1	1	2	1	6	19	10	9	0	0	1	0	0	0	50
03:00	1	0	0	1	5	10	16	12	4	0	0	0	0	0	49
04:00	4	0	0	0	14	27	24	16	3	0	0	0	0	0	88
05:00	4	1	0	3	24	74	76	32	9	0	0	0	0	0	223
06:00	22	2	9	22	68	134	92	38	14	2	0	0	0	0	403
07:00	35	3	16	37	119	171	89	26	4	1	0	0	0	0	501
08:00	44	4	20	51	178	180	55	14	3	1	0	1	0	1	552
09:00	60	4	18	65	199	172	74	13	2	1	0	0	0	0	608
10:00	62	3	38	125	238	176	45	6	0	0	0	0	0	0	693
11:00	82	9	50	151	233	166	46	6	0	0	0	0	0	0	743
12 PM	91	13	51	177	301	150	38	3	0	0	0	0	0	0	824
13:00	118	7	88	176	227	140	41	5	0	0	0	0	0	0	802
14:00	101	11	62	150	248	138	47	5	0	0	0	0	0	0	762
15:00	93	8	39	146	232	197	54	5	0	0	1	0	0	0	775
16:00	103	8	43	134	242	170	59	5	0	0	0	0	0	0	764
17:00	101	7	59	115	262	203	70	8	1	0	1	0	0	0	827
18:00	53	3	42	78	182	185	69	14	1	0	0	0	0	0	627
19:00	50	7	28	55	127	140	61	12	0	0	0	0	0	0	480
20:00	33	3	26	60	122	157	52	9	1	0	0	0	0	0	463
21:00	15	2	21	32	91	111	48	20	1	0	0	0	0	0	341
22:00	15	0	10	16	55	88	52	9	1	0	0	0	0	0	246
23:00	6	0	3	11	54	58	30	6	3	0	0	0	0	0	171
Total	1101	96	629	1613	3264	2924	1200	284	50	5	3	1	0	1	11171

Daily  
 15th Percentile : 24 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 32 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 6188  
 Percent in Pace : 55.4%  
 Number of Vehicles > 40 MPH : 1544  
 Percent of Vehicles > 40 MPH : 13.8%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

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
07/30/09	3	2	2	4	23	31	20	9	1	0	1	0	0	0	96
01:00	0	0	1	7	10	28	12	4	2	1	0	0	0	0	65
02:00	1	0	2	2	10	13	14	3	0	0	0	0	0	0	45
03:00	1	0	0	1	5	17	15	7	2	0	0	1	0	0	49
04:00	2	0	0	1	15	29	26	12	3	0	0	0	0	0	88
05:00	5	0	0	1	26	72	68	27	8	1	0	0	0	0	208
06:00	17	2	2	22	74	131	109	49	14	3	1	0	0	0	424
07:00	49	0	8	36	143	203	92	23	7	0	0	0	0	0	561
08:00	68	3	18	53	153	196	83	13	3	0	1	0	0	0	591
09:00	69	3	24	74	223	166	52	14	1	0	0	0	0	0	626
10:00	61	2	24	109	209	202	72	11	2	0	0	0	0	0	692
11:00	88	7	68	178	245	133	44	2	0	0	0	0	0	0	765
12 PM	130	13	83	250	313	123	23	1	2	0	0	0	0	0	938
13:00	96	12	71	175	310	172	36	8	1	0	1	0	0	0	882
14:00	108	12	47	158	251	172	52	6	1	0	0	0	0	0	807
15:00	109	11	56	127	244	187	61	9	3	0	1	0	0	0	808
16:00	106	5	50	114	242	232	82	7	0	0	0	0	0	0	838
17:00	122	9	48	111	238	194	67	10	4	0	0	0	0	0	803
18:00	55	6	24	62	193	229	85	28	4	0	0	0	0	0	686
19:00	47	2	45	58	149	153	75	22	1	0	0	0	0	0	552
20:00	44	7	34	77	142	133	50	15	2	0	0	0	0	0	504
21:00	28	5	19	40	95	124	66	10	3	0	1	0	0	0	391
22:00	16	3	8	20	67	94	41	6	5	0	0	0	0	0	260
23:00	4	0	14	14	34	52	42	7	3	2	0	0	0	0	172
Total	1229	104	648	1694	3414	3086	1287	303	72	7	6	1	0	0	11851

Daily  
 15th Percentile : 24 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 45 MPH  
 Mean Speed(Average) : 32 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 6500  
 Percent in Pace : 54.8%  
 Number of Vehicles > 40 MPH : 1676  
 Percent of Vehicles > 40 MPH : 14.1%

Grand Total	2330	200	1277	3307	6678	6010	2487	587	122	12	9	2	0	1	23022
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Overall  
 15th Percentile : 24 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 45 MPH  
 Mean Speed(Average) : 32 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 12688  
 Percent in Pace : 55.1%  
 Number of Vehicles > 40 MPH : 3220  
 Percent of Vehicles > 40 MPH : 14.0%



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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

EB

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
07:29/09	6	0	1	11	41	53	23	7	0	0	0	0	0	0	142
01:00	4	0	0	2	21	45	22	3	0	0	0	0	0	0	97
02:00	2	0	0	2	14	31	12	3	0	0	0	0	0	0	64
03:00	1	0	1	2	14	19	12	0	0	0	0	0	0	0	49
04:00	5	0	2	1	6	23	10	5	1	0	0	0	0	0	53
05:00	11	0	2	6	16	39	51	13	1	0	0	0	0	0	139
06:00	36	3	8	23	67	87	59	16	1	0	0	0	0	0	300
07:00	99	3	28	71	156	189	58	6	0	1	0	0	0	0	611
08:00	105	8	45	120	236	194	56	8	1	0	0	0	0	0	773
09:00	126	3	35	135	255	160	43	5	2	0	0	0	0	0	764
10:00	99	4	21	153	227	145	32	2	0	0	0	0	0	0	683
11:00	163	15	75	143	203	116	21	2	0	0	0	0	0	0	738
12 PM	157	16	63	217	236	112	17	0	0	0	0	0	0	0	818
13:00	184	5	71	166	218	100	20	2	0	0	0	0	0	0	766
14:00	155	7	46	159	236	158	20	0	1	0	0	0	0	0	782
15:00	158	12	50	175	238	145	43	7	0	0	0	0	0	0	828
16:00	215	13	46	148	261	145	40	6	0	0	0	0	0	0	874
17:00	147	3	34	131	255	190	43	6	0	0	0	0	0	0	809
18:00	118	5	24	99	219	184	39	8	0	1	0	0	0	0	697
19:00	73	8	21	65	169	158	46	4	1	0	0	0	0	0	545
20:00	54	5	27	68	167	114	22	5	0	0	0	0	0	0	462
21:00	31	1	19	42	126	110	29	3	0	0	0	0	0	0	361
22:00	21	1	3	21	81	99	43	8	0	0	0	0	0	0	277
23:00	14	0	2	21	63	80	32	4	0	0	0	0	0	0	216
Total	1984	112	624	1981	3525	2696	793	123	8	2	0	0	0	0	11848

Daily  
 15th Percentile : 14 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 43 MPH  
  
 Mean Speed(Average) : 29 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 6221  
 Percent in Pace : 52.5%  
 Number of Vehicles > 40 MPH : 926  
 Percent of Vehicles > 40 MPH : 7.8%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

EB

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			
07:30/09	3	0	1	11	49	50	27	7	1	0	0	0	0	0	0	149
01:00	1	1	0	5	27	30	11	2	2	0	1	0	0	0	0	80
02:00	3	0	0	2	14	26	13	3	0	0	0	0	0	0	0	61
03:00	0	0	0	6	11	13	8	2	0	1	0	0	0	0	0	41
04:00	2	0	1	2	10	17	14	7	1	0	0	0	0	0	0	54
05:00	8	0	3	9	23	43	37	16	1	0	0	0	0	0	0	140
06:00	32	1	8	25	84	100	61	9	1	0	0	0	0	0	0	321
07:00	84	1	20	77	195	197	62	8	1	0	0	0	0	0	0	645
08:00	118	10	33	144	276	229	46	3	1	0	0	0	0	0	0	860
09:00	103	7	44	170	282	196	37	3	0	0	0	0	0	0	0	842
10:00	146	4	32	143	241	138	34	3	0	0	0	0	0	0	0	741
11:00	154	6	68	217	221	86	14	2	0	0	0	0	0	0	0	768
12 PM	232	14	93	227	212	65	5	1	0	0	0	0	0	0	0	849
13:00	171	15	83	185	228	123	14	1	1	0	0	0	0	0	0	821
14:00	182	11	60	154	248	138	23	1	0	0	0	0	0	0	0	817
15:00	212	13	59	156	219	134	45	3	2	0	0	0	0	0	0	843
16:00	174	9	61	151	285	164	38	5	0	0	0	0	0	0	0	887
17:00	195	11	43	147	279	167	44	1	0	0	0	0	0	0	0	887
18:00	90	6	27	66	210	206	70	11	3	1	0	0	0	0	0	690
19:00	91	0	23	87	200	145	41	8	0	0	0	0	0	0	0	595
20:00	70	4	26	90	163	117	33	3	0	0	0	0	0	0	0	506
21:00	56	5	16	72	136	89	30	9	0	0	0	0	0	0	0	413
22:00	21	0	6	32	114	90	23	2	0	0	0	0	0	0	0	288
23:00	15	0	7	15	50	76	32	6	0	0	0	0	0	0	0	201
Total	2163	118	714	2193	3777	2639	762	116	14	2	1	0	0	0	0	12499

Daily  
 15th Percentile : 13 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 42 MPH  
 Mean Speed(Average) : 29 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 6416  
 Percent in Pace : 51.3%  
 Number of Vehicles > 40 MPH : 895  
 Percent of Vehicles > 40 MPH : 7.2%

Grand Total	4147	230	1338	4174	7302	5335	1555	239	22	4	1	0	0	0	0	24347
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Overall  
 15th Percentile : 14 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 42 MPH  
 Mean Speed(Average) : 29 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 12637  
 Percent in Pace : 51.9%  
 Number of Vehicles > 40 MPH : 1821  
 Percent of Vehicles > 40 MPH : 7.5%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

WB, EB

Start Time	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
07:29/09	10	0	4	14	61	88	54	12	2	0	0	0	0	0	245
01:00	7	0	1	6	38	68	43	9	1	0	0	0	0	0	173
02:00	3	1	2	3	20	50	22	12	0	0	1	0	0	0	114
03:00	2	0	1	3	19	29	28	12	4	0	0	0	0	0	98
04:00	9	0	2	1	20	50	34	21	4	0	0	0	0	0	141
05:00	15	1	2	9	40	113	127	45	10	0	0	0	0	0	362
06:00	58	5	17	45	135	221	151	54	15	2	0	0	0	0	703
07:00	134	6	44	108	275	360	147	32	4	2	0	0	0	0	1112
08:00	149	12	65	171	414	374	111	22	4	1	0	1	0	1	1325
09:00	186	7	53	200	454	332	117	18	4	1	0	3	0	0	1372
10:00	161	7	59	278	465	321	77	8	0	0	0	0	0	0	1376
11:00	245	24	125	294	436	282	67	8	0	0	0	0	0	0	1481
12 PM	248	29	114	394	537	262	55	3	0	0	0	0	0	0	1642
13:00	302	12	159	342	445	240	61	7	0	0	0	0	0	0	1568
14:00	256	18	108	309	484	296	67	5	1	0	0	0	0	0	1544
15:00	251	20	89	321	470	342	97	12	0	0	1	0	0	0	1603
16:00	318	21	89	282	503	315	99	11	0	0	0	0	0	0	1638
17:00	248	10	93	246	517	393	113	14	1	0	1	0	0	0	1636
18:00	171	8	66	177	401	369	108	22	1	1	0	0	0	0	1324
19:00	123	15	49	120	296	298	107	16	1	0	0	0	0	0	1025
20:00	87	8	53	128	289	271	74	14	1	0	0	0	0	0	925
21:00	46	3	40	74	217	221	77	23	1	0	0	0	0	0	702
22:00	36	1	13	37	136	187	95	17	1	0	0	0	0	0	523
23:00	20	0	5	32	117	138	62	10	3	0	0	0	0	0	387
Total	3085	208	1253	3594	6789	5620	1993	407	58	7	3	1	0	1	23019

Daily  
 15th Percentile : 21 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
 Mean Speed(Average) : 31 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 12409  
 Percent in Pace : 53.9%  
 Number of Vehicles > 40 MPH : 2470  
 Percent of Vehicles > 40 MPH : 10.7%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

WB, EB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/30/09	6	2	3	15	72	81	47	16	2	0	1	0	0	0	245
01:00	1	1	1	12	37	58	23	6	4	1	1	0	0	0	145
02:00	4	0	2	4	24	39	27	6	0	0	0	0	0	0	106
03:00	1	0	0	7	16	30	23	9	2	1	0	1	0	0	90
04:00	4	0	1	3	25	46	40	19	4	0	0	0	0	0	142
05:00	13	0	3	10	49	115	105	43	9	1	0	0	0	0	348
06:00	49	3	10	47	158	231	170	58	15	3	1	0	0	0	745
07:00	133	1	28	113	338	400	154	31	8	0	0	0	0	0	1206
08:00	186	13	51	197	429	425	129	16	4	0	1	0	0	0	1451
09:00	172	10	68	244	505	362	89	17	1	0	0	0	0	0	1468
10:00	207	6	56	252	450	340	106	14	2	0	0	0	0	0	1433
11:00	242	13	136	395	466	219	58	4	0	0	0	0	0	0	1533
12 PM	362	27	176	477	525	188	28	2	2	0	0	0	0	0	1787
13:00	267	27	154	360	538	295	50	9	2	0	1	0	0	0	1703
14:00	290	23	107	312	499	310	75	7	1	0	0	0	0	0	1624
15:00	321	24	115	283	463	321	106	12	5	0	1	0	0	0	1651
16:00	280	14	111	265	527	396	120	12	0	0	0	0	0	0	1725
17:00	317	20	91	258	517	361	111	11	4	0	0	0	0	0	1690
18:00	145	12	51	128	403	435	155	39	7	1	0	0	0	0	1376
19:00	138	2	68	145	349	298	116	30	1	0	0	0	0	0	1147
20:00	114	11	60	167	305	250	83	18	2	0	0	0	0	0	1010
21:00	84	10	35	112	231	213	96	19	3	0	1	0	0	0	804
22:00	37	3	14	52	181	184	64	8	5	0	0	0	0	0	548
23:00	19	0	21	29	84	128	74	13	3	2	0	0	0	0	373
Total	3392	222	1362	3887	7191	5725	2049	419	86	9	7	1	0	0	24350

Daily  
 15th Percentile : 21 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
 Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 12916  
 Percent in Pace : 53.0%  
 Number of Vehicles > 40 MPH : 2571  
 Percent of Vehicles > 40 MPH : 10.6%

Grand Total	6477	430	2615	7481	13980	11345	4042	826	144	16	10	2	0	1	47369
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Overall  
 15th Percentile : 21 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
 Mean Speed(Average) : 30 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 25325  
 Percent in Pace : 53.5%  
 Number of Vehicles > 40 MPH : 5041  
 Percent of Vehicles > 40 MPH : 10.6%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	1	85	14	1	1	1	0	0	0	0	0	0	0	103	3
01:00	0	63	11	0	1	0	0	0	0	0	0	0	0	75	1
02:00	0	39	9	0	0	0	0	0	2	0	0	0	0	50	2
03:00	0	42	3	0	3	1	0	0	0	0	0	0	0	49	4
04:00	0	67	15	1	3	0	0	0	1	0	0	0	0	87	5
05:00	3	150	51	1	16	0	0	1	1	0	0	0	0	223	19
06:00	3	304	71	2	17	1	0	4	0	0	0	0	0	402	24
07:00	3	365	96	8	23	1	0	3	1	0	0	0	0	500	36
08:00	3	411	108	3	20	3	0	2	1	0	0	0	0	551	29
09:00	1	441	126	5	22	4	1	7	2	1	0	0	0	610	42
10:00	3	512	128	1	27	9	0	7	5	1	1	0	1	695	52
11:00	6	544	155	5	21	6	0	6	1	0	0	0	0	744	39
12 PM	3	638	149	5	17	6	0	5	2	0	0	1	0	826	36
13:00	5	626	128	5	24	8	1	4	1	0	0	0	0	802	43
14:00	5	589	135	5	18	3	0	6	2	0	0	0	0	763	34
15:00	5	585	144	2	23	6	1	6	4	0	0	0	0	776	42
16:00	9	594	123	2	23	4	1	8	1	0	0	0	0	765	39
17:00	10	675	114	4	15	8	0	2	0	0	0	0	0	828	29
18:00	3	495	97	4	20	4	0	5	1	0	0	0	0	629	34
19:00	2	373	89	3	13	1	0	1	0	0	0	0	1	483	19
20:00	1	370	77	1	12	2	0	0	0	0	0	0	0	463	15
21:00	4	282	50	1	0	0	0	2	1	0	0	0	0	340	4
22:00	1	201	35	0	6	0	0	1	1	0	0	0	0	245	8
23:00	1	140	25	1	1	3	0	0	0	0	0	0	0	171	5
Total	72	8591	1953	60	326	71	4	70	27	2	1	1	2	11180	564
Percent	0.6%	76.8%	17.5%	0.5%	2.9%	0.6%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%		5.0%
AM Peak	11:00	11:00	11:00	07:00	10:00	10:00	09:00	09:00	10:00	09:00	10:00		10:00	11:00	10:00
Vol.	6	544	155	8	27	9	1	7	5	1	1		1	744	52
PM Peak	17:00	17:00	12:00	12:00	13:00	13:00	13:00	16:00	15:00			12:00	19:00	17:00	13:00
Vol.	10	675	149	5	24	8	1	8	4			1	1	828	43

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/30/09	0	83	9	2	1	0	0	0	0	0	0	0	0	95	3
01:00	0	50	12	0	3	0	0	0	0	0	0	0	0	65	3
02:00	0	38	7	0	0	0	0	0	0	0	0	0	0	45	0
03:00	0	35	8	0	5	1	0	0	0	0	0	0	0	49	6
04:00	0	57	20	2	7	1	0	0	1	0	0	0	0	88	11
05:00	0	148	46	1	12	0	0	0	1	0	0	0	0	208	14
06:00	3	309	88	3	20	2	0	0	0	0	0	0	0	425	25
07:00	0	419	105	3	22	5	0	4	1	0	0	0	0	559	35
08:00	1	441	108	2	20	6	0	10	2	0	2	1	0	593	43
09:00	3	471	108	5	26	5	0	6	1	0	0	0	2	627	45
10:00	4	510	131	8	25	8	0	5	2	0	0	0	0	693	48
11:00	8	572	135	7	29	7	0	5	4	0	0	0	0	767	52
12 PM	11	714	162	4	23	12	0	10	2	0	0	0	0	938	51
13:00	7	691	144	3	25	4	1	6	1	0	1	0	0	883	41
14:00	4	625	132	6	20	10	1	7	0	1	1	0	1	808	47
15:00	6	604	145	4	32	12	0	4	1	0	0	0	0	808	53
16:00	5	649	150	1	20	6	0	7	0	1	0	0	0	839	35
17:00	7	632	133	2	15	7	0	7	1	0	0	0	0	804	32
18:00	5	556	96	2	18	5	0	6	0	0	0	0	0	688	31
19:00	2	438	93	0	10	2	0	4	3	0	0	0	0	552	19
20:00	3	397	86	1	12	2	0	0	2	0	0	0	0	503	17
21:00	5	317	55	0	7	2	0	3	1	0	0	0	0	390	13
22:00	1	221	29	0	5	2	0	1	0	0	0	0	0	259	8
23:00	1	134	32	0	4	1	0	0	0	0	0	0	0	172	5
Total	76	9111	2034	56	361	100	2	85	23	2	4	1	3	11858	637
Percent	0.6%	76.8%	17.2%	0.5%	3.0%	0.8%	0.0%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%		5.4%
AM Peak	11:00	11:00	11:00	10:00	11:00	10:00		08:00	11:00		08:00	08:00	09:00	11:00	11:00
Vol.	8	572	135	8	29	8		10	4		2	1	2	767	52
PM Peak	12:00	12:00	12:00	14:00	15:00	12:00	13:00	12:00	19:00	14:00	13:00		14:00	12:00	15:00
Vol.	11	714	162	6	32	12	1	10	3	1	1		1	938	53
Grand Total	148	17702	3987	116	687	171	6	155	50	4	5	2	5	23038	1201
Percent	0.6%	76.8%	17.3%	0.5%	3.0%	0.7%	0.0%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%		5.2%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	1	130	10	0	0	0	0	0	1	0	0	0	0	142	1
01:00	0	81	13	0	2	0	0	0	1	0	0	0	0	97	3
02:00	0	50	10	0	1	0	0	1	2	0	0	0	0	64	4
03:00	0	42	5	0	0	2	0	0	0	0	0	0	0	49	2
04:00	0	38	9	1	2	1	0	0	2	0	0	0	0	53	6
05:00	0	105	24	3	5	2	0	0	0	0	0	0	0	139	10
06:00	1	221	57	2	11	6	0	1	0	0	0	0	0	299	20
07:00	4	493	74	3	23	6	1	3	3	1	1	0	0	612	41
08:00	9	633	102	3	21	2	0	1	3	0	0	0	0	774	30
09:00	2	620	105	1	22	4	0	8	2	0	0	1	0	765	38
10:00	4	545	98	6	20	4	0	5	1	0	0	0	1	684	37
11:00	4	599	97	8	24	3	0	5	1	0	0	0	0	741	41
12 PM	6	691	94	3	17	4	0	4	2	0	0	0	0	821	30
13:00	8	616	110	5	18	7	0	2	2	1	0	0	0	769	35
14:00	2	658	92	0	21	6	0	5	1	0	0	0	0	785	33
15:00	4	670	119	3	17	5	0	9	3	0	0	0	1	831	38
16:00	5	719	118	0	22	5	0	5	0	0	0	0	1	875	33
17:00	3	716	71	2	12	1	0	2	0	0	1	0	0	808	18
18:00	3	610	69	1	10	2	0	3	1	0	0	0	0	699	17
19:00	2	471	57	1	12	1	0	2	0	0	0	0	0	546	16
20:00	1	399	51	0	8	1	0	3	1	0	0	0	0	464	13
21:00	2	321	32	0	5	0	0	0	1	0	0	0	0	361	6
22:00	0	253	21	0	2	0	0	0	1	0	0	0	0	277	3
23:00	1	192	21	0	0	0	0	0	1	0	0	0	0	215	1
Total	62	9873	1459	42	275	62	1	59	29	2	2	1	3	11870	476
Percent	0.5%	83.2%	12.3%	0.4%	2.3%	0.5%	0.0%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%		4.0%
AM Peak	08:00	08:00	09:00	11:00	11:00	06:00	07:00	09:00	07:00	07:00	07:00	09:00	10:00	08:00	07:00
Vol.	9	633	105	8	24	6	1	8	3	1	1	1	1	774	41
PM Peak	13:00	16:00	15:00	13:00	16:00	13:00		15:00	15:00	13:00	17:00		15:00	16:00	15:00
Vol.	8	719	119	5	22	7		9	3	1	1		1	875	38

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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/30/09	0	130	18	0	0	0	0	0	0	0	0	0	0	148	0
01:00	0	64	12	0	2	1	0	0	1	0	0	0	0	80	4
02:00	0	48	10	1	0	0	0	0	1	0	0	0	0	60	2
03:00	0	36	4	0	0	1	0	0	0	0	0	0	0	41	1
04:00	0	42	5	1	2	0	0	0	4	0	0	0	0	54	7
05:00	0	112	17	0	3	2	0	1	4	0	0	0	0	139	10
06:00	2	235	55	1	17	6	0	2	2	0	0	1	0	321	29
07:00	4	524	85	2	20	4	0	2	5	0	1	0	0	647	34
08:00	2	720	99	2	29	4	0	4	1	0	0	0	0	861	40
09:00	4	689	97	4	26	11	0	7	3	0	0	1	0	842	52
10:00	4	598	112	3	16	5	0	2	0	1	0	0	0	741	27
11:00	3	611	122	3	17	4	0	4	3	0	0	0	0	767	31
12 PM	3	696	115	2	22	5	1	6	1	0	0	0	0	851	37
13:00	5	686	91	4	22	7	0	6	2	0	0	0	0	823	41
14:00	4	689	92	6	16	4	0	6	1	1	0	0	0	819	34
15:00	6	687	114	1	22	4	1	6	3	0	0	0	1	845	38
16:00	3	729	126	4	13	4	0	10	0	0	0	0	0	889	31
17:00	5	747	109	1	15	5	0	7	0	0	0	0	0	889	28
18:00	2	594	76	2	10	3	0	3	2	0	0	0	0	692	20
19:00	3	510	71	1	6	3	0	2	1	0	0	0	0	597	13
20:00	5	444	43	2	7	3	0	2	1	0	0	0	0	507	15
21:00	4	367	34	0	5	2	0	2	1	0	0	0	0	415	10
22:00	3	258	22	1	3	0	0	0	1	0	0	0	0	288	5
23:00	1	174	21	0	3	1	0	0	0	0	0	0	0	200	4
Total	63	10390	1550	41	276	79	2	72	37	2	1	2	1	12516	513
Percent	0.5%	83.0%	12.4%	0.3%	2.2%	0.6%	0.0%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%		4.1%
AM Peak	07:00	08:00	11:00	09:00	08:00	09:00		09:00	07:00	10:00	07:00	06:00		08:00	09:00
Vol.	4	720	122	4	29	11		7	5	1	1	1		861	52
PM Peak	15:00	17:00	16:00	14:00	12:00	13:00	12:00	16:00	15:00	14:00			15:00	16:00	13:00
Vol.	6	747	126	6	22	7	1	10	3	1			1	889	41
Grand Total	125	20263	3009	83	551	141	3	131	66	4	3	3	4	24386	989
Percent	0.5%	83.1%	12.3%	0.3%	2.3%	0.6%	0.0%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%		4.1%



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

Community: Brockton  
 Com #\_U/RFC: 44\_U3  
 Recorder #: Jamar #16  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Belmont St (123), east of Linwood St

WB, EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	2	215	24	1	1	1	0	0	1	0	0	0	0	245	4
01:00	0	144	24	0	3	0	0	0	1	0	0	0	0	172	4
02:00	0	89	19	0	1	0	0	1	4	0	0	0	0	114	6
03:00	0	84	8	0	3	3	0	0	0	0	0	0	0	98	6
04:00	0	105	24	2	5	1	0	0	3	0	0	0	0	140	11
05:00	3	255	75	4	21	2	0	1	1	0	0	0	0	362	29
06:00	4	525	128	4	28	7	0	5	0	0	0	0	0	701	44
07:00	7	858	170	11	46	7	1	6	4	1	1	0	0	1112	77
08:00	12	1044	210	6	41	5	0	3	4	0	0	0	0	1325	59
09:00	3	1061	231	6	44	8	1	15	4	1	0	1	0	1375	80
10:00	7	1057	226	7	47	13	0	12	6	1	1	0	2	1379	89
11:00	10	1143	252	13	45	9	0	11	2	0	0	0	0	1485	80
12 PM	9	1329	243	8	34	10	0	9	4	0	0	1	0	1647	66
13:00	13	1242	238	10	42	15	1	6	3	1	0	0	0	1571	78
14:00	7	1247	227	5	39	9	0	11	3	0	0	0	0	1548	67
15:00	9	1255	263	5	40	11	1	15	7	0	0	0	1	1607	80
16:00	14	1313	241	2	45	9	1	13	1	0	0	0	1	1640	72
17:00	13	1391	185	6	27	9	0	4	0	0	1	0	0	1636	47
18:00	6	1105	166	5	30	6	0	8	2	0	0	0	0	1328	51
19:00	4	844	146	4	25	2	0	3	0	0	0	0	1	1029	35
20:00	2	769	128	1	20	3	0	3	1	0	0	0	0	927	28
21:00	6	603	82	1	5	0	0	2	2	0	0	0	0	701	10
22:00	1	454	56	0	8	0	0	1	2	0	0	0	0	522	11
23:00	2	332	46	1	1	3	0	0	1	0	0	0	0	386	6
Total	134	18464	3412	102	601	133	5	129	56	4	3	2	5	23050	1040
Percent	0.6%	80.1%	14.8%	0.4%	2.6%	0.6%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%		4.5%
AM Peak	08:00	11:00	11:00	11:00	10:00	10:00	07:00	09:00	10:00	07:00	07:00	09:00	10:00	11:00	10:00
Vol.	12	1143	252	13	47	13	1	15	6	1	1	1	2	1485	89
PM Peak	16:00	17:00	15:00	13:00	16:00	13:00	13:00	15:00	15:00	13:00	17:00	12:00	15:00	12:00	15:00
Vol.	14	1391	263	10	45	15	1	15	7	1	1	1	1	1647	80

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

Community: Brockton  
Com #\_U/RFC: 44\_U3  
Recorder #: Jamar #16  
Tube Layout: L6 Basic (2')

Station ID:  
Site Code: 44  
Date Start: 29-Jul-09  
Date End: 30-Jul-09  
Belmont St (123), east of Linwood St

WB, EB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	07/30/09	0	213	27	2	1	0	0	0	0	0	0	0	0	243	3
	01:00	0	114	24	0	5	1	0	0	1	0	0	0	0	145	7
	02:00	0	86	17	1	0	0	0	0	1	0	0	0	0	105	2
	03:00	0	71	12	0	5	2	0	0	0	0	0	0	0	90	7
	04:00	0	99	25	3	9	1	0	0	5	0	0	0	0	142	18
	05:00	0	260	63	1	15	2	0	1	5	0	0	0	0	347	24
	06:00	5	544	143	4	37	8	0	2	2	0	0	1	0	746	54
	07:00	4	943	190	5	42	9	0	6	6	0	1	0	0	1206	69
	08:00	3	1161	207	4	49	10	0	14	3	0	2	1	0	1454	83
	09:00	7	1160	205	9	52	16	0	13	4	0	0	1	2	1469	97
	10:00	8	1108	243	11	41	13	0	7	2	1	0	0	0	1434	75
	11:00	11	1183	257	10	46	11	0	9	7	0	0	0	0	1534	83
	12 PM	14	1410	277	6	45	17	1	16	3	0	0	0	0	1789	88
	13:00	12	1377	235	7	47	11	1	12	3	0	1	0	0	1706	82
	14:00	8	1314	224	12	36	14	1	13	1	2	1	0	1	1627	81
	15:00	12	1291	259	5	54	16	1	10	4	0	0	0	1	1653	91
	16:00	8	1378	276	5	33	10	0	17	0	1	0	0	0	1728	66
	17:00	12	1379	242	3	30	12	0	14	1	0	0	0	0	1693	60
	18:00	7	1150	172	4	28	8	0	9	2	0	0	0	0	1380	51
	19:00	5	948	164	1	16	5	0	6	4	0	0	0	0	1149	32
	20:00	8	841	129	3	19	5	0	2	3	0	0	0	0	1010	32
	21:00	9	684	89	0	12	4	0	5	2	0	0	0	0	805	23
	22:00	4	479	51	1	8	2	0	1	1	0	0	0	0	547	13
	23:00	2	308	53	0	7	2	0	0	0	0	0	0	0	372	9
	Total	139	19501	3584	97	637	179	4	157	60	4	5	3	4	24374	1150
	Percent	0.6%	80.0%	14.7%	0.4%	2.6%	0.7%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%		4.7%
AM Peak	11:00	11:00	11:00	10:00	09:00	09:00			08:00	11:00	10:00	08:00	06:00	09:00	11:00	09:00
Vol.	11	1183	257	11	52	16			14	7	1	2	1	2	1534	97
PM Peak	12:00	12:00	12:00	14:00	15:00	12:00	12:00	12:00	16:00	15:00	14:00	13:00		14:00	12:00	15:00
Vol.	14	1410	277	12	54	17	1	17	17	4	2	1		1	1789	91
Grand Total		273	37965	6996	199	1238	312	9	286	116	8	8	5	9	47424	2190
Percent		0.6%	80.1%	14.8%	0.4%	2.6%	0.7%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%		4.6%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

Start Time	27-Jul-09		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	*	*	*	*	12	26	14	18	*	*	*	*	*	*	13	22
01:00	*	*	*	*	7	8	7	6	*	*	*	*	*	*	7	7
02:00	*	*	*	*	0	3	2	8	*	*	*	*	*	*	1	6
03:00	*	*	*	*	3	2	6	5	*	*	*	*	*	*	4	4
04:00	*	*	*	*	7	6	4	5	*	*	*	*	*	*	6	6
05:00	*	*	*	*	30	14	33	21	*	*	*	*	*	*	32	18
06:00	*	*	*	*	74	45	72	45	*	*	*	*	*	*	73	45
07:00	*	*	*	*	137	61	130	68	*	*	*	*	*	*	134	64
08:00	*	*	*	*	129	71	158	89	*	*	*	*	*	*	144	80
09:00	*	*	*	*	106	75	109	73	*	*	*	*	*	*	108	74
10:00	*	*	*	*	99	86	107	88	*	*	*	*	*	*	103	87
11:00	*	*	*	*	110	102	99	93	*	*	*	*	*	*	104	98
12:00 PM	*	*	*	*	139	119	147	145	*	*	*	*	*	*	143	132
01:00	*	*	*	*	114	111	114	124	*	*	*	*	*	*	114	118
02:00	*	*	*	*	117	124	129	136	*	*	*	*	*	*	123	130
03:00	*	*	*	*	122	131	132	149	*	*	*	*	*	*	127	140
04:00	*	*	*	*	148	132	136	149	*	*	*	*	*	*	142	140
05:00	*	*	*	*	139	158	143	157	*	*	*	*	*	*	141	158
06:00	*	*	*	*	99	120	92	131	*	*	*	*	*	*	96	126
07:00	*	*	*	*	79	98	119	124	*	*	*	*	*	*	99	111
08:00	*	*	*	*	57	83	94	113	*	*	*	*	*	*	76	98
09:00	*	*	*	*	47	53	59	55	*	*	*	*	*	*	53	54
10:00	*	*	*	*	27	47	36	38	*	*	*	*	*	*	32	42
11:00	*	*	*	*	35	33	16	29	*	*	*	*	*	*	26	31
Total	0	0	0	0	1837	1708	1958	1869	0	0	0	0	0	0	1901	1791
Day	0	0	0	0	3545		3827		0	0	0	0	0	0	3692	
AM Peak					07:00	11:00	08:00	11:00							08:00	11:00
Vol.					137	102	158	93							144	98
PM Peak					16:00	17:00	12:00	17:00							12:00	17:00
Vol.					148	158	147	157							143	158

Comb. Total                    0                    0                    3545                    3827                    0                    0                    0                    3692

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

Start Time	27-Jul-09 Mon	28-Jul-09 Tue	29-Jul-09 Wed	30-Jul-09 Thu	31-Jul-09 Fri	01-Aug-09 Sat	02-Aug-09 Sun	Week Average
12:00 AM	*	*	38	32	*	*	*	35
01:00	*	*	15	13	*	*	*	14
02:00	*	*	3	10	*	*	*	6
03:00	*	*	5	11	*	*	*	8
04:00	*	*	13	9	*	*	*	11
05:00	*	*	44	54	*	*	*	49
06:00	*	*	119	117	*	*	*	118
07:00	*	*	198	198	*	*	*	198
08:00	*	*	200	247	*	*	*	224
09:00	*	*	181	182	*	*	*	182
10:00	*	*	185	195	*	*	*	190
11:00	*	*	212	192	*	*	*	202
12:00 PM	*	*	258	292	*	*	*	275
01:00	*	*	225	238	*	*	*	232
02:00	*	*	241	265	*	*	*	253
03:00	*	*	253	281	*	*	*	267
04:00	*	*	280	285	*	*	*	282
05:00	*	*	297	300	*	*	*	298
06:00	*	*	219	223	*	*	*	221
07:00	*	*	177	243	*	*	*	210
08:00	*	*	140	207	*	*	*	174
09:00	*	*	100	114	*	*	*	107
10:00	*	*	74	74	*	*	*	74
11:00	*	*	68	45	*	*	*	56
Total	0	0	3545	3827	0	0	0	3686
Percentage	0.0%	0.0%	96.2%	103.8%	0.0%	0.0%	0.0%	
AM Peak			11:00	08:00				08:00
Vol.			212	247				224
PM Peak			17:00	17:00				17:00
Vol.			297	300				298

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:29/09	0	0	1	0	5	4	1	1	0	0	0	0	0	0	12
01:00	0	0	0	0	3	3	1	0	0	0	0	0	0	0	7
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	2	0	0	0	0	0	0	0	0	0	0	3
04:00	0	0	0	0	2	0	5	0	0	0	0	0	0	0	7
05:00	0	0	0	2	11	7	4	4	1	1	0	0	0	0	30
06:00	0	0	2	10	28	16	10	4	3	0	1	0	0	0	74
07:00	1	3	1	15	49	49	16	2	0	0	1	0	0	0	137
08:00	1	3	4	16	54	39	11	1	0	0	0	0	0	0	129
09:00	1	1	3	22	35	32	12	0	0	0	0	0	0	0	106
10:00	3	1	2	23	38	30	2	0	0	0	0	0	0	0	99
11:00	1	0	0	28	31	39	10	1	0	0	0	0	0	0	110
12 PM	4	0	3	22	50	48	10	2	0	0	0	0	0	0	139
13:00	2	2	3	22	41	32	8	1	2	0	1	0	0	0	114
14:00	2	1	3	17	45	37	5	6	1	0	0	0	0	0	117
15:00	6	4	13	22	41	33	3	0	0	0	0	0	0	0	122
16:00	1	1	5	25	52	45	16	3	0	0	0	0	0	0	148
17:00	1	5	4	24	53	38	10	4	0	0	0	0	0	0	139
18:00	0	2	1	14	47	31	3	1	0	0	0	0	0	0	99
19:00	0	3	6	9	30	20	9	1	0	1	0	0	0	0	79
20:00	2	0	2	6	29	11	4	2	1	0	0	0	0	0	57
21:00	0	1	0	10	21	13	2	0	0	0	0	0	0	0	47
22:00	1	0	2	7	7	3	5	0	2	0	0	0	0	0	27
23:00	0	0	2	5	14	8	5	1	0	0	0	0	0	0	35
Total	26	28	57	301	686	538	152	34	10	2	3	0	0	0	1837

Daily  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 1224  
 Percent in Pace : 66.6%  
 Number of Vehicles > 30 MPH : 1425  
 Percent of Vehicles > 30 MPH : 77.6%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:30/09	0	0	1	2	2	7	1	1	0	0	0	0	0	0	14
01:00	0	0	0	2	4	1	0	0	0	0	0	0	0	0	7
02:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
03:00	0	1	0	1	2	0	2	0	0	0	0	0	0	0	6
04:00	1	0	0	1	0	2	0	0	0	0	0	0	0	0	4
05:00	0	0	1	2	12	6	7	3	0	2	0	0	0	0	33
06:00	0	0	0	12	26	23	9	2	0	0	0	0	0	0	72
07:00	2	1	0	12	51	40	21	3	0	0	0	0	0	0	130
08:00	1	1	5	17	58	60	14	2	0	0	0	0	0	0	158
09:00	6	3	7	12	36	31	11	3	0	0	0	0	0	0	109
10:00	1	1	7	26	37	26	9	0	0	0	0	0	0	0	107
11:00	0	0	3	29	44	16	6	0	1	0	0	0	0	0	99
12 PM	8	0	4	22	64	40	9	0	0	0	0	0	0	0	147
13:00	6	2	8	20	42	32	3	1	0	0	0	0	0	0	114
14:00	3	1	1	19	56	26	20	2	1	0	0	0	0	0	129
15:00	3	4	4	19	59	33	7	3	0	0	0	0	0	0	132
16:00	1	1	8	23	47	37	17	2	0	0	0	0	0	0	136
17:00	0	0	3	19	54	54	11	2	0	0	0	0	0	0	143
18:00	0	0	0	11	27	37	14	1	1	1	0	0	0	0	92
19:00	1	1	5	20	47	37	7	1	0	0	0	0	0	0	119
20:00	0	0	3	24	41	21	4	1	0	0	0	0	0	0	94
21:00	1	3	2	10	24	12	4	3	0	0	0	0	0	0	59
22:00	1	1	2	6	13	11	2	0	0	0	0	0	0	0	36
23:00	0	0	0	2	5	5	1	2	0	0	1	0	0	0	16
Total	35	20	64	311	752	558	179	32	3	3	1	0	0	0	1958

Daily  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 1310  
 Percent in Pace : 66.9%  
 Number of Vehicles > 30 MPH : 1528  
 Percent of Vehicles > 30 MPH : 78.0%

Grand Total	61	48	121	612	1438	1096	331	66	13	5	4	0	0	0	3795
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Overall  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 2534  
 Percent in Pace : 66.8%  
 Number of Vehicles > 30 MPH : 2953  
 Percent of Vehicles > 30 MPH : 77.8%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

SB

Start Time	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
07/29/09	0	0	2	6	8	8	1	0	1	0	0	0	0	0	26
01:00	0	0	0	0	5	2	1	0	0	0	0	0	0	0	8
02:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
03:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
04:00	0	0	1	2	2	1	0	0	0	0	0	0	0	0	6
05:00	0	0	0	4	4	3	1	2	0	0	0	0	0	0	14
06:00	0	0	0	11	21	7	5	1	0	0	0	0	0	0	45
07:00	0	0	1	16	22	19	3	0	0	0	0	0	0	0	61
08:00	0	1	2	16	33	12	7	0	0	0	0	0	0	0	71
09:00	3	3	11	19	22	14	2	1	0	0	0	0	0	0	75
10:00	4	3	8	30	26	14	1	0	0	0	0	0	0	0	86
11:00	0	0	1	25	38	32	6	0	0	0	0	0	0	0	102
12 PM	1	1	4	22	47	34	8	0	2	0	0	0	0	0	119
13:00	2	3	7	20	42	28	7	1	0	0	0	1	0	0	111
14:00	2	0	4	20	50	32	15	1	0	0	0	0	0	0	124
15:00	7	0	5	26	59	29	5	0	0	0	0	0	0	0	131
16:00	4	0	13	20	39	44	12	0	0	0	0	0	0	0	132
17:00	3	2	2	28	70	41	11	1	0	0	0	0	0	0	158
18:00	0	0	7	18	47	40	7	0	1	0	0	0	0	0	120
19:00	3	1	3	10	37	31	11	2	0	0	0	0	0	0	98
20:00	2	0	2	19	32	22	5	1	0	0	0	0	0	0	83
21:00	0	2	2	12	25	11	1	0	0	0	0	0	0	0	53
22:00	1	1	1	11	21	6	6	0	0	0	0	0	0	0	47
23:00	0	0	1	5	15	6	5	0	0	1	0	0	0	0	33
Total	32	17	77	340	668	437	121	10	4	1	0	1	0	0	1708

Daily  
 15th Percentile : 27 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 43 MPH  
  
 Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 1105  
 Percent in Pace : 64.7%  
 Number of Vehicles > 30 MPH : 1242  
 Percent of Vehicles > 30 MPH : 72.7%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

SB

Start Time	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
07:30/09	0	0	0	3	8	5	1	0	1	0	0	0	0	0	18
01:00	0	0	0	2	4	0	0	0	0	0	0	0	0	0	6
02:00	0	0	0	0	4	4	0	0	0	0	0	0	0	0	8
03:00	0	0	0	0	3	1	1	0	0	0	0	0	0	0	5
04:00	0	0	1	1	2	1	0	0	0	0	0	0	0	0	5
05:00	0	0	0	5	9	3	3	1	0	0	0	0	0	0	21
06:00	0	0	3	8	19	11	3	1	0	0	0	0	0	0	45
07:00	2	1	3	10	28	21	2	1	0	0	0	0	0	0	68
08:00	0	1	3	14	35	30	6	0	0	0	0	0	0	0	89
09:00	3	0	2	11	31	18	5	1	1	1	0	0	0	0	73
10:00	4	1	5	20	30	24	4	0	0	0	0	0	0	0	88
11:00	2	0	6	16	46	16	7	0	0	0	0	0	0	0	93
12 PM	5	4	2	30	65	33	4	2	0	0	0	0	0	0	145
13:00	5	1	9	25	56	24	4	0	0	0	0	0	0	0	124
14:00	1	0	2	25	56	40	11	1	0	0	0	0	0	0	136
15:00	3	2	4	19	65	41	13	2	0	0	0	0	0	0	149
16:00	1	0	4	15	54	57	16	1	1	0	0	0	0	0	149
17:00	0	1	1	19	65	54	14	3	0	0	0	0	0	0	157
18:00	1	1	0	17	49	44	14	3	2	0	0	0	0	0	131
19:00	1	0	2	21	52	33	14	1	0	0	0	0	0	0	124
20:00	1	0	2	22	52	28	6	2	0	0	0	0	0	0	113
21:00	0	2	1	10	26	15	1	0	0	0	0	0	0	0	55
22:00	0	0	2	10	12	11	3	0	0	0	0	0	0	0	38
23:00	0	1	0	8	7	8	4	1	0	0	0	0	0	0	29
Total	29	15	52	311	778	522	136	20	5	1	0	0	0	0	1869

Daily  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 1300  
 Percent in Pace : 69.6%  
 Number of Vehicles > 30 MPH : 1462  
 Percent of Vehicles > 30 MPH : 78.2%

Grand Total	61	32	129	651	1446	959	257	30	9	2	0	1	0	0	3577
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Overall  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 2405  
 Percent in Pace : 67.2%  
 Number of Vehicles > 30 MPH : 2704  
 Percent of Vehicles > 30 MPH : 75.6%



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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

NB, SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:29/09	0	0	3	6	13	12	2	1	1	0	0	0	0	0	38
01:00	0	0	0	0	8	5	2	0	0	0	0	0	0	0	15
02:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
03:00	0	1	0	2	1	0	1	0	0	0	0	0	0	0	5
04:00	0	0	1	2	4	1	5	0	0	0	0	0	0	0	13
05:00	0	0	0	6	15	10	5	6	1	1	0	0	0	0	44
06:00	0	0	2	21	49	23	15	5	3	0	1	0	0	0	119
07:00	1	3	2	31	71	68	19	2	0	0	1	0	0	0	198
08:00	1	4	6	32	87	51	18	1	0	0	0	0	0	0	200
09:00	4	4	14	41	57	46	14	1	0	0	0	0	0	0	181
10:00	7	4	10	53	64	44	3	0	0	0	0	0	0	0	185
11:00	1	0	1	53	69	71	16	1	0	0	0	0	0	0	212
12 PM	5	1	7	44	97	82	18	2	2	0	0	0	0	0	258
13:00	4	5	10	42	83	60	15	2	2	0	1	1	0	0	225
14:00	4	1	7	37	95	69	20	7	1	0	0	0	0	0	241
15:00	13	4	18	48	100	62	8	0	0	0	0	0	0	0	253
16:00	5	1	18	45	91	89	28	3	0	0	0	0	0	0	280
17:00	4	7	6	52	123	79	21	5	0	0	0	0	0	0	297
18:00	0	2	8	32	94	71	10	1	1	0	0	0	0	0	219
19:00	3	4	9	19	67	51	20	3	0	1	0	0	0	0	177
20:00	4	0	4	25	61	33	9	3	1	0	0	0	0	0	140
21:00	0	3	2	22	46	24	3	0	0	0	0	0	0	0	100
22:00	2	1	3	18	28	9	11	0	2	0	0	0	0	0	74
23:00	0	0	3	10	29	14	10	1	0	1	0	0	0	0	68
Total	58	45	134	641	1354	975	273	44	14	3	3	1	0	0	3545

Daily  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 2329  
 Percent in Pace : 65.7%  
 Number of Vehicles > 30 MPH : 2667  
 Percent of Vehicles > 30 MPH : 75.2%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

NB, SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:30/09	0	0	1	5	10	12	2	1	1	0	0	0	0	0	32
01:00	0	0	0	4	8	1	0	0	0	0	0	0	0	0	13
02:00	0	0	0	0	5	5	0	0	0	0	0	0	0	0	10
03:00	0	1	0	1	5	1	3	0	0	0	0	0	0	0	11
04:00	1	0	1	2	2	3	0	0	0	0	0	0	0	0	9
05:00	0	0	1	7	21	9	10	4	0	2	0	0	0	0	54
06:00	0	0	3	20	45	34	12	3	0	0	0	0	0	0	117
07:00	4	2	3	22	79	61	23	4	0	0	0	0	0	0	198
08:00	1	2	8	31	93	90	20	2	0	0	0	0	0	0	247
09:00	9	3	9	23	67	49	16	4	1	1	0	0	0	0	182
10:00	5	2	12	46	67	50	13	0	0	0	0	0	0	0	195
11:00	2	0	9	45	90	32	13	0	1	0	0	0	0	0	192
12 PM	13	4	6	52	129	73	13	2	0	0	0	0	0	0	292
13:00	11	3	17	45	98	56	7	1	0	0	0	0	0	0	238
14:00	4	1	3	44	112	66	31	3	1	0	0	0	0	0	265
15:00	6	6	8	38	124	74	20	5	0	0	0	0	0	0	281
16:00	2	1	12	38	101	94	33	3	1	0	0	0	0	0	285
17:00	0	1	4	38	119	108	25	5	0	0	0	0	0	0	300
18:00	1	1	0	28	76	81	28	4	3	1	0	0	0	0	223
19:00	2	1	7	41	99	70	21	2	0	0	0	0	0	0	243
20:00	1	0	5	46	93	49	10	3	0	0	0	0	0	0	207
21:00	1	5	3	20	50	27	5	3	0	0	0	0	0	0	114
22:00	1	1	4	16	25	22	5	0	0	0	0	0	0	0	74
23:00	0	1	0	10	12	13	5	3	0	0	1	0	0	0	45
Total	64	35	116	622	1530	1080	315	52	8	4	1	0	0	0	3827

Daily  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 2610  
 Percent in Pace : 68.2%  
 Number of Vehicles > 30 MPH : 2990  
 Percent of Vehicles > 30 MPH : 78.1%

Grand Total	122	80	250	1263	2884	2055	588	96	22	7	4	1	0	0	7372
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Overall  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 4939  
 Percent in Pace : 67.0%  
 Number of Vehicles > 30 MPH : 5657  
 Percent of Vehicles > 30 MPH : 76.7%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	0	10	2	0	0	0	0	0	0	0	0	0	0	12	0
01:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
04:00	0	7	0	0	0	0	0	0	0	0	0	0	0	7	0
05:00	0	17	12	0	1	0	0	0	0	0	0	0	0	30	1
06:00	0	58	13	0	3	0	0	0	0	0	0	0	0	74	3
07:00	0	106	29	0	2	0	0	0	0	0	0	0	0	137	2
08:00	1	109	18	0	1	0	0	0	0	0	0	0	0	129	1
09:00	0	77	24	0	5	0	0	0	0	0	0	0	0	106	5
10:00	0	72	24	0	3	0	0	0	0	0	0	0	0	99	3
11:00	0	83	23	0	4	0	0	0	0	0	0	0	0	110	4
12 PM	0	115	19	0	4	0	0	1	0	0	0	0	0	139	5
13:00	1	92	18	1	2	0	0	0	0	0	0	0	0	114	3
14:00	1	89	19	0	8	0	0	0	0	0	0	0	0	117	8
15:00	0	92	24	0	5	1	0	0	0	0	0	0	0	122	6
16:00	0	112	35	0	1	0	0	0	0	0	0	0	0	148	1
17:00	0	114	21	0	3	1	0	0	0	0	0	0	0	139	4
18:00	0	79	17	0	3	0	0	0	0	0	0	0	0	99	3
19:00	0	63	15	0	0	1	0	0	0	0	0	0	0	79	1
20:00	0	49	5	0	3	0	0	0	0	0	0	0	0	57	3
21:00	0	41	6	0	0	0	0	0	0	0	0	0	0	47	0
22:00	1	22	2	0	2	0	0	0	0	0	0	0	0	27	2
23:00	0	31	3	0	1	0	0	0	0	0	0	0	0	35	1
Total	4	1447	330	1	51	3	0	1	0	0	0	0	0	1837	56
Percent	0.2%	78.8%	18.0%	0.1%	2.8%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%		3.0%
AM Peak	08:00	08:00	07:00		09:00									07:00	09:00
Vol.	1	109	29		5									137	5
PM Peak	13:00	12:00	16:00	13:00	14:00	15:00		12:00						16:00	14:00
Vol.	1	115	35	1	8	1		1						148	8



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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	0	25	1	0	0	0	0	0	0	0	0	0	0	26	0
01:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8	0
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0
04:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6	0
05:00	0	8	4	1	1	0	0	0	0	0	0	0	0	14	2
06:00	0	29	10	0	6	0	0	0	0	0	0	0	0	45	6
07:00	0	47	10	0	4	0	0	0	0	0	0	0	0	61	4
08:00	0	56	14	0	1	0	0	0	0	0	0	0	0	71	1
09:00	1	50	21	0	3	0	0	0	0	0	0	0	0	75	3
10:00	0	63	20	0	2	1	0	0	0	0	0	0	0	86	3
11:00	1	75	22	0	4	0	0	0	0	0	0	0	0	102	4
12 PM	0	93	20	0	5	0	0	1	0	0	0	0	0	119	6
13:00	0	83	26	0	1	0	0	1	0	0	0	0	0	111	2
14:00	0	90	29	0	5	0	0	0	0	0	0	0	0	124	5
15:00	2	93	28	0	6	0	0	0	1	0	0	0	0	130	7
16:00	0	108	21	0	3	0	0	0	0	0	0	0	0	132	3
17:00	0	128	24	0	5	0	0	1	0	0	0	0	0	158	6
18:00	0	92	26	0	1	0	0	1	0	0	0	0	0	120	2
19:00	0	75	22	0	1	0	0	0	0	0	0	0	0	98	1
20:00	0	72	9	0	2	0	0	0	0	0	0	0	0	83	2
21:00	1	40	12	0	0	0	0	0	0	0	0	0	0	53	0
22:00	0	38	9	0	0	0	0	0	0	0	0	0	0	47	0
23:00	0	30	3	0	0	0	0	0	0	0	0	0	0	33	0
Total	5	1311	334	1	50	1	0	4	1	0	0	0	0	1707	57
Percent	0.3%	76.8%	19.6%	0.1%	2.9%	0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%		3.3%
AM Peak	09:00	11:00	11:00	05:00	06:00	10:00								11:00	06:00
Vol.	1	75	22	1	6	1								102	6
PM Peak	15:00	17:00	14:00		15:00			12:00	15:00					17:00	15:00
Vol.	2	128	29		6			1	1					158	7

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

Community: Brockton  
Com #\_U/RFC: 44\_U6  
Recorder #: Jamar #13  
Tube Layout: L6 Basic (2')

Station ID:  
Site Code: 44  
Date Start: 29-Jul-09  
Date End: 30-Jul-09  
Linwood St, south of Belmont St (123)

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/30/09	0	16	1	0	1	0	0	0	0	0	0	0	0	18	1
01:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6	0
02:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8	0
03:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5	0
04:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5	0
05:00	0	14	7	0	0	0	0	0	0	0	0	0	0	21	0
06:00	0	33	11	0	1	0	0	0	0	0	0	0	0	45	1
07:00	0	46	16	2	3	1	0	0	0	0	0	0	0	68	6
08:00	1	60	24	0	3	1	0	0	0	0	0	0	0	89	4
09:00	1	50	18	0	3	1	0	0	0	0	0	0	0	73	4
10:00	1	67	18	0	2	0	0	0	0	0	0	0	0	88	2
11:00	0	72	17	0	4	0	0	0	0	0	0	0	0	93	4
12 PM	0	101	40	0	2	1	0	1	0	0	0	0	0	145	4
13:00	0	94	21	0	7	1	0	0	1	0	0	0	0	124	9
14:00	0	110	21	0	3	1	0	1	0	0	0	0	0	136	5
15:00	1	103	40	0	4	1	0	0	0	0	0	0	0	149	5
16:00	0	118	25	0	5	0	0	1	0	0	0	0	0	149	6
17:00	0	114	40	0	2	1	0	0	0	0	0	0	0	157	3
18:00	1	101	23	0	6	0	0	0	0	0	0	0	0	131	6
19:00	2	104	16	0	2	0	0	0	0	0	0	0	0	124	2
20:00	0	91	17	1	4	0	0	0	0	0	0	0	0	113	5
21:00	1	46	8	0	0	0	0	0	0	0	0	0	0	55	0
22:00	0	34	3	0	1	0	0	0	0	0	0	0	0	38	1
23:00	1	23	5	0	0	0	0	0	0	0	0	0	0	29	0
Total	9	1415	377	3	53	8	0	3	1	0	0	0	0	1869	68
Percent	0.5%	75.7%	20.2%	0.2%	2.8%	0.4%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%		3.6%
AM Peak	08:00	11:00	08:00	07:00	11:00	07:00								11:00	07:00
Vol.	1	72	24	2	4	1								93	6
PM Peak	19:00	16:00	12:00	20:00	13:00	12:00		12:00	13:00					17:00	13:00
Vol.	2	118	40	1	7	1		1	1					157	9
Grand Total	14	2726	711	4	103	9	0	7	2	0	0	0	0	3576	125
Percent	0.4%	76.2%	19.9%	0.1%	2.9%	0.3%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%		3.5%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #13  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Linwood St, south of Belmont St (123)

NB, SB																
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total	
07/29/09	0	35	3	0	0	0	0	0	0	0	0	0	0	38	0	
01:00	0	13	2	0	0	0	0	0	0	0	0	0	0	15	0	
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	
03:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5	0	
04:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13	0	
05:00	0	25	16	1	2	0	0	0	0	0	0	0	0	44	3	
06:00	0	87	23	0	9	0	0	0	0	0	0	0	0	119	9	
07:00	0	153	39	0	6	0	0	0	0	0	0	0	0	198	6	
08:00	1	165	32	0	2	0	0	0	0	0	0	0	0	200	2	
09:00	1	127	45	0	8	0	0	0	0	0	0	0	0	181	8	
10:00	0	135	44	0	5	1	0	0	0	0	0	0	0	185	6	
11:00	1	158	45	0	8	0	0	0	0	0	0	0	0	212	8	
12 PM	0	208	39	0	9	0	0	2	0	0	0	0	0	258	11	
13:00	1	175	44	1	3	0	0	1	0	0	0	0	0	225	5	
14:00	1	179	48	0	13	0	0	0	0	0	0	0	0	241	13	
15:00	2	185	52	0	11	1	0	0	1	0	0	0	0	252	13	
16:00	0	220	56	0	4	0	0	0	0	0	0	0	0	280	4	
17:00	0	242	45	0	8	1	0	1	0	0	0	0	0	297	10	
18:00	0	171	43	0	4	0	0	1	0	0	0	0	0	219	5	
19:00	0	138	37	0	1	1	0	0	0	0	0	0	0	177	2	
20:00	0	121	14	0	5	0	0	0	0	0	0	0	0	140	5	
21:00	1	81	18	0	0	0	0	0	0	0	0	0	0	100	0	
22:00	1	60	11	0	2	0	0	0	0	0	0	0	0	74	2	
23:00	0	61	6	0	1	0	0	0	0	0	0	0	0	68	1	
Total	9	2758	664	2	101	4	0	5	1	0	0	0	0	3544	113	
Percent	0.3%	77.8%	18.7%	0.1%	2.8%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%		3.2%	
AM Peak	08:00	08:00	09:00	05:00	06:00	10:00								11:00	06:00	
Vol.	1	165	45	1	9	1								212	9	
PM Peak	15:00	17:00	16:00	13:00	14:00	15:00		12:00	15:00					17:00	14:00	
Vol.	2	242	56	1	13	1		2	1					297	13	





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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

Start Time	27-Jul-09		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB
12:00 AM	*	*	*	*	8	10	8	10	*	*	*	*	*	*	8	10
01:00	*	*	*	*	8	5	2	4	*	*	*	*	*	*	5	4
02:00	*	*	*	*	2	1	4	3	*	*	*	*	*	*	3	2
03:00	*	*	*	*	2	3	3	3	*	*	*	*	*	*	2	3
04:00	*	*	*	*	4	0	6	2	*	*	*	*	*	*	5	1
05:00	*	*	*	*	16	6	19	6	*	*	*	*	*	*	18	6
06:00	*	*	*	*	35	19	36	33	*	*	*	*	*	*	36	26
07:00	*	*	*	*	49	67	58	61	*	*	*	*	*	*	54	64
08:00	*	*	*	*	53	57	49	60	*	*	*	*	*	*	51	58
09:00	*	*	*	*	34	34	38	53	*	*	*	*	*	*	36	44
10:00	*	*	*	*	43	57	49	58	*	*	*	*	*	*	46	58
11:00	*	*	*	*	46	56	37	49	*	*	*	*	*	*	42	52
12:00 PM	*	*	*	*	42	68	51	50	*	*	*	*	*	*	46	59
01:00	*	*	*	*	67	59	59	65	*	*	*	*	*	*	63	62
02:00	*	*	*	*	40	56	60	65	*	*	*	*	*	*	50	60
03:00	*	*	*	*	60	67	56	49	*	*	*	*	*	*	58	58
04:00	*	*	*	*	66	95	72	57	*	*	*	*	*	*	69	76
05:00	*	*	*	*	76	78	60	79	*	*	*	*	*	*	68	78
06:00	*	*	*	*	47	46	59	55	*	*	*	*	*	*	53	50
07:00	*	*	*	*	34	36	41	47	*	*	*	*	*	*	38	42
08:00	*	*	*	*	28	30	44	47	*	*	*	*	*	*	36	38
09:00	*	*	*	*	26	23	17	29	*	*	*	*	*	*	22	26
10:00	*	*	*	*	26	15	29	24	*	*	*	*	*	*	28	20
11:00	*	*	*	*	19	14	13	20	*	*	*	*	*	*	16	17
Total	0	0	0	0	831	902	870	929	0	0	0	0	0	0	853	914
Day	0	0	0	0	1733		1799		0	0	0	0	0	0	1767	
AM Peak					08:00	07:00	07:00	07:00							07:00	07:00
Vol.					53	67	58	61							54	64
PM Peak					17:00	16:00	16:00	17:00							16:00	17:00
Vol.					76	95	72	79							69	78

Comb. Total                    0                    0                    1733                    1799                    0                    0                    0                    1767

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

Start Time	27-Jul-09 Mon	28-Jul-09 Tue	29-Jul-09 Wed	30-Jul-09 Thu	31-Jul-09 Fri	01-Aug-09 Sat	02-Aug-09 Sun	Week Average
12:00 AM	*	*	18	18	*	*	*	18
01:00	*	*	13	6	*	*	*	10
02:00	*	*	3	7	*	*	*	5
03:00	*	*	5	6	*	*	*	6
04:00	*	*	4	8	*	*	*	6
05:00	*	*	22	25	*	*	*	24
06:00	*	*	54	69	*	*	*	62
07:00	*	*	<b>116</b>	<b>119</b>	*	*	*	<b>118</b>
08:00	*	*	110	109	*	*	*	110
09:00	*	*	68	91	*	*	*	80
10:00	*	*	100	107	*	*	*	104
11:00	*	*	102	86	*	*	*	94
12:00 PM	*	*	110	101	*	*	*	106
01:00	*	*	126	124	*	*	*	125
02:00	*	*	96	125	*	*	*	110
03:00	*	*	127	105	*	*	*	116
04:00	*	*	<b>161</b>	129	*	*	*	145
05:00	*	*	154	<b>139</b>	*	*	*	<b>146</b>
06:00	*	*	93	114	*	*	*	104
07:00	*	*	70	88	*	*	*	79
08:00	*	*	58	91	*	*	*	74
09:00	*	*	49	46	*	*	*	48
10:00	*	*	41	53	*	*	*	47
11:00	*	*	33	33	*	*	*	33
Total	0	0	1733	1799	0	0	0	1770
Percentage	0.0%	0.0%	97.9%	101.6%	0.0%	0.0%	0.0%	
AM Peak			07:00	07:00				07:00
Vol.			116	119				118
PM Peak			16:00	17:00				17:00
Vol.			161	139				146

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:29/09	0	0	0	2	4	2	0	0	0	0	0	0	0	0	8
01:00	0	0	1	3	3	1	0	0	0	0	0	0	0	0	8
02:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
03:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4
05:00	0	0	1	3	6	5	1	0	0	0	0	0	0	0	16
06:00	0	0	0	10	15	8	2	0	0	0	0	0	0	0	35
07:00	4	0	2	9	23	6	5	0	0	0	0	0	0	0	49
08:00	0	0	2	14	20	16	0	1	0	0	0	0	0	0	53
09:00	0	2	1	12	11	7	1	0	0	0	0	0	0	0	34
10:00	1	0	0	8	25	7	1	1	0	0	0	0	0	0	43
11:00	3	1	4	11	17	7	3	0	0	0	0	0	0	0	46
12 PM	0	2	5	13	16	5	1	0	0	0	0	0	0	0	42
13:00	3	0	2	11	27	20	3	1	0	0	0	0	0	0	67
14:00	0	1	3	10	19	4	2	1	0	0	0	0	0	0	40
15:00	5	0	4	21	14	14	2	0	0	0	0	0	0	0	60
16:00	5	1	6	19	23	10	2	0	0	0	0	0	0	0	66
17:00	3	1	6	21	30	14	1	0	0	0	0	0	0	0	76
18:00	0	2	1	15	19	10	0	0	0	0	0	0	0	0	47
19:00	0	1	1	4	22	6	0	0	0	0	0	0	0	0	34
20:00	1	0	3	8	11	5	0	0	0	0	0	0	0	0	28
21:00	0	2	2	7	10	5	0	0	0	0	0	0	0	0	26
22:00	0	0	1	9	8	5	2	0	0	0	1	0	0	0	26
23:00	0	0	1	6	7	3	2	0	0	0	0	0	0	0	19
Total	25	13	47	217	334	162	28	4	0	0	1	0	0	0	831

Daily  
 15th Percentile : 26 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 40 MPH  
  
 Mean Speed(Average) : 32 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 551  
 Percent in Pace : 66.3%  
 Number of Vehicles > 30 MPH : 529  
 Percent of Vehicles > 30 MPH : 63.7%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

SB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:30/09	0	0	2	0	5	1	0	0	0	0	0	0	0	0	8
01:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	3	1	0	0	0	0	0	0	0	0	4
03:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
04:00	1	0	0	2	1	1	1	0	0	0	0	0	0	0	6
05:00	0	1	1	4	4	7	1	1	0	0	0	0	0	0	19
06:00	0	1	1	6	20	6	2	0	0	0	0	0	0	0	36
07:00	3	0	5	20	17	11	2	0	0	0	0	0	0	0	58
08:00	1	1	4	12	15	14	2	0	0	0	0	0	0	0	49
09:00	2	0	3	13	15	4	0	1	0	0	0	0	0	0	38
10:00	3	1	3	15	22	3	2	0	0	0	0	0	0	0	49
11:00	2	0	1	12	17	5	0	0	0	0	0	0	0	0	37
12 PM	0	0	2	12	22	10	5	0	0	0	0	0	0	0	51
13:00	1	0	2	24	15	14	1	2	0	0	0	0	0	0	59
14:00	1	2	3	12	23	16	3	0	0	0	0	0	0	0	60
15:00	0	1	1	13	26	13	2	0	0	0	0	0	0	0	56
16:00	2	0	2	9	40	17	2	0	0	0	0	0	0	0	72
17:00	0	3	1	17	17	13	9	0	0	0	0	0	0	0	60
18:00	3	2	4	10	23	15	2	0	0	0	0	0	0	0	59
19:00	1	2	5	10	15	6	2	0	0	0	0	0	0	0	41
20:00	0	0	5	14	18	7	0	0	0	0	0	0	0	0	44
21:00	0	0	0	4	5	7	0	1	0	0	0	0	0	0	17
22:00	0	0	2	13	9	2	3	0	0	0	0	0	0	0	29
23:00	0	1	0	2	7	1	1	0	0	0	1	0	0	0	13
Total	20	15	47	225	342	175	40	5	0	0	1	0	0	0	870

Daily  
 15th Percentile : 27 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 41 MPH  
 Mean Speed(Average) : 32 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 567  
 Percent in Pace : 65.2%  
 Number of Vehicles > 30 MPH : 563  
 Percent of Vehicles > 30 MPH : 64.7%

Grand Total	45	28	94	442	676	337	68	9	0	0	2	0	0	0	1701
-------------	----	----	----	-----	-----	-----	----	---	---	---	---	---	---	---	------

Overall  
 15th Percentile : 26 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 40 MPH  
 Mean Speed(Average) : 32 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 1118  
 Percent in Pace : 65.7%  
 Number of Vehicles > 30 MPH : 1092  
 Percent of Vehicles > 30 MPH : 64.2%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/29/09	0	0	3	3	2	2	0	0	0	0	0	0	0	0	10
01:00	0	0	0	3	2	0	0	0	0	0	0	0	0	0	5
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	1	0	0	1	1	0	0	0	0	0	0	0	0	3
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	1	3	1	1	0	0	0	0	0	0	0	6
06:00	0	0	2	7	3	6	1	0	0	0	0	0	0	0	19
07:00	2	3	1	17	20	18	6	0	0	0	0	0	0	0	67
08:00	0	0	3	23	22	8	0	0	1	0	0	0	0	0	57
09:00	0	2	1	10	13	7	1	0	0	0	0	0	0	0	34
10:00	0	2	4	16	24	9	2	0	0	0	0	0	0	0	57
11:00	3	2	5	12	23	7	3	1	0	0	0	0	0	0	56
12 PM	1	3	4	21	23	13	3	0	0	0	0	0	0	0	68
13:00	0	2	4	16	23	12	2	0	0	0	0	0	0	0	59
14:00	1	0	5	15	19	12	4	0	0	0	0	0	0	0	56
15:00	2	3	7	22	24	8	1	0	0	0	0	0	0	0	67
16:00	6	3	13	24	37	11	1	0	0	0	0	0	0	0	95
17:00	2	5	9	18	26	16	1	1	0	0	0	0	0	0	78
18:00	0	3	3	15	20	5	0	0	0	0	0	0	0	0	46
19:00	0	1	4	17	8	6	0	0	0	0	0	0	0	0	36
20:00	0	1	2	15	11	1	0	0	0	0	0	0	0	0	30
21:00	0	2	1	7	8	5	0	0	0	0	0	0	0	0	23
22:00	1	0	2	5	1	2	3	1	0	0	0	0	0	0	15
23:00	0	0	2	2	4	1	4	1	0	0	0	0	0	0	14
Total	18	33	75	269	318	151	33	4	1	0	0	0	0	0	902

Daily  
 15th Percentile : 26 MPH  
 50th Percentile : 31 MPH  
 85th Percentile : 37 MPH  
 95th Percentile : 40 MPH  
  
 Mean Speed(Average) : 31 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 587  
 Percent in Pace : 65.1%  
 Number of Vehicles > 30 MPH : 507  
 Percent of Vehicles > 30 MPH : 56.2%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:30/09	0	1	0	6	3	0	0	0	0	0	0	0	0	0	10
01:00	0	1	0	0	3	0	0	0	0	0	0	0	0	0	4
02:00	0	0	0	0	1	0	1	1	0	0	0	0	0	0	3
03:00	0	0	0	1	1	0	1	0	0	0	0	0	0	0	3
04:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
05:00	0	0	0	1	1	1	3	0	0	0	0	0	0	0	6
06:00	0	1	1	10	13	7	1	0	0	0	0	0	0	0	33
07:00	2	1	8	11	20	13	6	0	0	0	0	0	0	0	61
08:00	2	0	7	18	26	5	2	0	0	0	0	0	0	0	60
09:00	1	2	1	16	22	10	0	1	0	0	0	0	0	0	53
10:00	5	1	8	18	20	5	0	1	0	0	0	0	0	0	58
11:00	1	1	4	15	21	7	0	0	0	0	0	0	0	0	49
12 PM	0	2	2	18	21	5	2	0	0	0	0	0	0	0	50
13:00	2	1	6	20	23	11	2	0	0	0	0	0	0	0	65
14:00	1	1	9	24	23	6	1	0	0	0	0	0	0	0	65
15:00	0	0	5	12	19	9	4	0	0	0	0	0	0	0	49
16:00	1	2	1	18	21	13	1	0	0	0	0	0	0	0	57
17:00	1	2	9	18	31	14	4	0	0	0	0	0	0	0	79
18:00	0	1	2	15	23	13	1	0	0	0	0	0	0	0	55
19:00	0	1	7	9	21	8	1	0	0	0	0	0	0	0	47
20:00	0	1	2	11	23	9	1	0	0	0	0	0	0	0	47
21:00	0	0	4	8	12	2	3	0	0	0	0	0	0	0	29
22:00	0	1	2	8	7	6	0	0	0	0	0	0	0	0	24
23:00	0	0	4	3	5	4	4	0	0	0	0	0	0	0	20
Total	16	20	82	260	362	148	38	3	0	0	0	0	0	0	929

Daily  
 15th Percentile : 26 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 37 MPH  
 95th Percentile : 40 MPH  
  
 Mean Speed(Average) : 31 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 622  
 Percent in Pace : 67.0%  
 Number of Vehicles > 30 MPH : 551  
 Percent of Vehicles > 30 MPH : 59.3%

Grand Total	34	53	157	529	680	299	71	7	1	0	0	0	0	0	1831
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Overall  
 15th Percentile : 26 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 37 MPH  
 95th Percentile : 40 MPH  
  
 Mean Speed(Average) : 31 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 1209  
 Percent in Pace : 66.0%  
 Number of Vehicles > 30 MPH : 1058  
 Percent of Vehicles > 30 MPH : 57.8%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

SB, NB

Start Time	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
07:29/09	0	0	3	5	6	4	0	0	0	0	0	0	0	0	18
01:00	0	0	1	6	5	1	0	0	0	0	0	0	0	0	13
02:00	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
03:00	0	1	1	0	2	1	0	0	0	0	0	0	0	0	5
04:00	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4
05:00	0	0	1	4	9	6	2	0	0	0	0	0	0	0	22
06:00	0	0	2	17	18	14	3	0	0	0	0	0	0	0	54
07:00	6	3	3	26	43	24	11	0	0	0	0	0	0	0	116
08:00	0	0	5	37	42	24	0	1	1	0	0	0	0	0	110
09:00	0	4	2	22	24	14	2	0	0	0	0	0	0	0	68
10:00	1	2	4	24	49	16	3	1	0	0	0	0	0	0	100
11:00	6	3	9	23	40	14	6	1	0	0	0	0	0	0	102
12 PM	1	5	9	34	39	18	4	0	0	0	0	0	0	0	110
13:00	3	2	6	27	50	32	5	1	0	0	0	0	0	0	126
14:00	1	1	8	25	38	16	6	1	0	0	0	0	0	0	96
15:00	7	3	11	43	38	22	3	0	0	0	0	0	0	0	127
16:00	11	4	19	43	60	21	3	0	0	0	0	0	0	0	161
17:00	5	6	15	39	56	30	2	1	0	0	0	0	0	0	154
18:00	0	5	4	30	39	15	0	0	0	0	0	0	0	0	93
19:00	0	2	5	21	30	12	0	0	0	0	0	0	0	0	70
20:00	1	1	5	23	22	6	0	0	0	0	0	0	0	0	58
21:00	0	4	3	14	18	10	0	0	0	0	0	0	0	0	49
22:00	1	0	3	14	9	7	5	1	0	0	1	0	0	0	41
23:00	0	0	3	8	11	4	6	1	0	0	0	0	0	0	33
Total	43	46	122	486	652	313	61	8	1	0	1	0	0	0	1733

Daily  
 15th Percentile : 26 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 37 MPH  
 95th Percentile : 40 MPH  
 Mean Speed(Average) : 31 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 1138  
 Percent in Pace : 65.7%  
 Number of Vehicles > 30 MPH : 1036  
 Percent of Vehicles > 30 MPH : 59.8%

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

SB, NB

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07:30/09	0	1	2	6	8	1	0	0	0	0	0	0	0	0	18
01:00	0	1	0	1	4	0	0	0	0	0	0	0	0	0	6
02:00	0	0	0	0	4	1	1	1	0	0	0	0	0	0	7
03:00	0	0	0	1	3	1	1	0	0	0	0	0	0	0	6
04:00	1	0	0	2	3	1	1	0	0	0	0	0	0	0	8
05:00	0	1	1	5	5	8	4	1	0	0	0	0	0	0	25
06:00	0	2	2	16	33	13	3	0	0	0	0	0	0	0	69
07:00	5	1	13	31	37	24	8	0	0	0	0	0	0	0	119
08:00	3	1	11	30	41	19	4	0	0	0	0	0	0	0	109
09:00	3	2	4	29	37	14	0	2	0	0	0	0	0	0	91
10:00	8	2	11	33	42	8	2	1	0	0	0	0	0	0	107
11:00	3	1	5	27	38	12	0	0	0	0	0	0	0	0	86
12 PM	0	2	4	30	43	15	7	0	0	0	0	0	0	0	101
13:00	3	1	8	44	38	25	3	2	0	0	0	0	0	0	124
14:00	2	3	12	36	46	22	4	0	0	0	0	0	0	0	125
15:00	0	1	6	25	45	22	6	0	0	0	0	0	0	0	105
16:00	3	2	3	27	61	30	3	0	0	0	0	0	0	0	129
17:00	1	5	10	35	48	27	13	0	0	0	0	0	0	0	139
18:00	3	3	6	25	46	28	3	0	0	0	0	0	0	0	114
19:00	1	3	12	19	36	14	3	0	0	0	0	0	0	0	88
20:00	0	1	7	25	41	16	1	0	0	0	0	0	0	0	91
21:00	0	0	4	12	17	9	3	1	0	0	0	0	0	0	46
22:00	0	1	4	21	16	8	3	0	0	0	0	0	0	0	53
23:00	0	1	4	5	12	5	5	0	0	0	1	0	0	0	33
Total	36	35	129	485	704	323	78	8	0	0	1	0	0	0	1799

Daily  
 15th Percentile : 26 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 40 MPH  
 Mean Speed(Average) : 32 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 1189  
 Percent in Pace : 66.1%  
 Number of Vehicles > 30 MPH : 1114  
 Percent of Vehicles > 30 MPH : 61.9%

Grand Total	79	81	251	971	1356	636	139	16	1	0	2	0	0	0	3532
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Overall  
 15th Percentile : 26 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 40 MPH  
 Mean Speed(Average) : 31 MPH  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 2327  
 Percent in Pace : 65.9%  
 Number of Vehicles > 30 MPH : 2150  
 Percent of Vehicles > 30 MPH : 60.9%



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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/29/09	0	8	0	0	0	0	0	0	0	0	0	0	0	8	0
01:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8	0
02:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2	1
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
04:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4	0
05:00	0	8	5	0	3	0	0	0	0	0	0	0	0	16	3
06:00	0	26	8	0	1	0	0	0	0	0	0	0	0	35	1
07:00	2	34	8	0	4	0	0	0	0	0	0	0	0	48	4
08:00	0	38	14	0	1	0	0	0	0	0	0	0	0	53	1
09:00	0	25	9	0	0	0	0	0	0	0	0	0	0	34	0
10:00	0	35	7	0	1	0	0	0	0	0	0	0	0	43	1
11:00	0	36	5	0	5	0	0	0	0	0	0	0	0	46	5
12 PM	1	28	12	0	1	0	0	0	0	0	0	0	0	42	1
13:00	0	46	18	0	3	0	0	0	0	0	0	0	0	67	3
14:00	0	30	10	0	0	0	0	0	0	0	0	0	0	40	0
15:00	0	42	15	0	1	0	0	0	1	0	0	0	0	59	2
16:00	0	54	9	0	3	0	0	0	0	0	0	0	0	66	3
17:00	1	55	15	0	3	0	0	2	0	0	0	0	0	76	5
18:00	0	39	5	0	2	0	0	1	0	0	0	0	0	47	3
19:00	1	26	5	0	2	0	0	0	0	0	0	0	0	34	2
20:00	0	21	7	0	0	0	0	0	0	0	0	0	0	28	0
21:00	0	21	5	0	0	0	0	0	0	0	0	0	0	26	0
22:00	0	22	4	0	0	0	0	0	0	0	0	0	0	26	0
23:00	0	16	3	0	0	0	0	0	0	0	0	0	0	19	0
Total	5	621	168	0	31	0	0	3	1	0	0	0	0	829	35
Percent	0.6%	74.9%	20.3%	0.0%	3.7%	0.0%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%		4.2%
AM Peak	07:00	08:00	08:00		11:00									08:00	11:00
Vol.	2	38	14		5									53	5
PM Peak	12:00	17:00	13:00		13:00			17:00	15:00					17:00	17:00
Vol.	1	55	18		3			2	1					76	5

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

Community: Brockton  
Com #\_U/RFC: 44\_U6  
Recorder #: Jamar #14  
Tube Layout: L6 Basic (2')

Station ID:  
Site Code: 44  
Date Start: 29-Jul-09  
Date End: 30-Jul-09  
Loraine Ave, north of Belmont St (123)

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
07/30/09	0	6	0	0	2	0	0	0	0	0	0	0	0	8	2
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
02:00	0	1	1	0	2	0	0	0	0	0	0	0	0	4	2
03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3	0
04:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6	0
05:00	0	11	6	0	2	0	0	0	0	0	0	0	0	19	2
06:00	0	26	9	0	1	0	0	0	0	0	0	0	0	36	1
07:00	0	42	11	0	4	1	0	0	0	0	0	0	0	58	5
08:00	0	36	10	0	3	0	0	0	0	0	0	0	0	49	3
09:00	0	30	8	0	0	0	0	0	0	0	0	0	0	38	0
10:00	0	39	7	0	2	1	0	0	0	0	0	0	0	49	3
11:00	1	27	8	0	1	0	0	0	0	0	0	0	0	37	1
12 PM	0	41	8	0	2	0	0	0	0	0	0	0	0	51	2
13:00	0	38	17	0	4	0	0	0	0	0	0	0	0	59	4
14:00	0	44	13	0	1	1	0	1	0	0	0	0	0	60	3
15:00	0	44	8	1	2	0	0	1	0	0	0	0	0	56	4
16:00	0	58	12	0	1	0	0	0	0	0	0	0	0	71	1
17:00	0	44	13	0	3	0	0	0	0	0	0	0	0	60	3
18:00	0	42	14	0	3	0	0	0	0	0	0	0	0	59	3
19:00	0	34	4	0	3	0	0	0	0	0	0	0	0	41	3
20:00	1	32	10	0	1	0	0	0	0	0	0	0	0	44	1
21:00	0	13	4	0	0	0	0	0	0	0	0	0	0	17	0
22:00	0	24	2	0	3	0	0	0	0	0	0	0	0	29	3
23:00	1	12	0	0	0	0	0	0	0	0	0	0	0	13	0
Total	3	653	167	1	40	3	0	2	0	0	0	0	0	869	46
Percent	0.3%	75.1%	19.2%	0.1%	4.6%	0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%		5.3%
AM Peak	11:00	07:00	07:00		07:00	07:00								07:00	07:00
Vol.	1	42	11		4	1								58	5
PM Peak	20:00	16:00	13:00	15:00	13:00	14:00		14:00						16:00	13:00
Vol.	1	58	17	1	4	1		1						71	4
Grand Total	8	1274	335	1	71	3	0	5	1	0	0	0	0	1698	81
Percent	0.5%	75.0%	19.7%	0.1%	4.2%	0.2%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%		4.8%



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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

NB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	07/30/09	0	10	0	0	0	0	0	0	0	0	0	0	0	10	0
	01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0
	02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3	0
	03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
	04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0
	05:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6	1
	06:00	1	21	10	0	0	1	0	0	0	0	0	0	0	33	1
	07:00	0	48	9	0	3	0	0	0	0	0	0	0	1	61	4
	08:00	0	46	12	0	0	0	0	1	0	0	0	0	0	59	1
	09:00	0	42	9	0	2	0	0	0	0	0	0	0	0	53	2
	10:00	0	36	20	0	1	0	0	1	0	0	0	0	0	58	2
	11:00	1	34	13	0	1	0	0	0	0	0	0	0	0	49	1
	12 PM	0	37	11	0	1	0	0	0	1	0	0	0	0	50	2
	13:00	0	52	11	0	1	0	0	0	0	0	0	0	0	64	1
	14:00	0	50	11	0	2	1	0	1	0	0	0	0	0	65	4
	15:00	0	39	10	0	0	0	0	0	0	0	0	0	0	49	0
	16:00	0	42	12	0	3	0	0	0	0	0	0	0	0	57	3
	17:00	0	61	16	0	2	0	0	0	0	0	0	0	0	79	2
	18:00	0	43	11	0	1	0	0	0	0	0	0	0	0	55	1
	19:00	0	37	8	0	2	0	0	0	0	0	0	0	0	47	2
	20:00	1	29	16	0	1	0	0	0	0	0	0	0	0	47	1
	21:00	0	25	4	0	0	0	0	0	0	0	0	0	0	29	0
	22:00	0	21	2	0	1	0	0	0	0	0	0	0	0	24	1
	23:00	0	18	2	0	0	0	0	0	0	0	0	0	0	20	0
	Total	3	705	190	0	22	2	0	3	1	0	0	0	1	927	29
	Percent	0.3%	76.1%	20.5%	0.0%	2.4%	0.2%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.1%		3.1%
	AM Peak	06:00	07:00	10:00		07:00	06:00		08:00					07:00	07:00	07:00
	Vol.	1	48	20		3	1		1					1	61	4
	PM Peak	20:00	17:00	17:00		16:00	14:00		14:00	12:00					17:00	14:00
	Vol.	1	61	16		3	1		1	1					79	4
	Grand Total	13	1376	376	1	54	4	0	3	1	0	0	0	1	1829	64
	Percent	0.7%	75.2%	20.6%	0.1%	3.0%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%		3.5%

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

Community: Brockton  
Com #\_U/RFC: 44\_U6  
Recorder #: Jamar #14  
Tube Layout: L6 Basic (2')

Station ID:  
Site Code: 44  
Date Start: 29-Jul-09  
Date End: 30-Jul-09  
Lorraine Ave, north of Belmont St (123)

SB, NB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	07/29/09	0	15	2	0	1	0	0	0	0	0	0	0	0	18	1
	01:00	0	10	3	0	0	0	0	0	0	0	0	0	0	13	0
	02:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3	1
	03:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0
	04:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4	0
	05:00	0	13	5	0	4	0	0	0	0	0	0	0	0	22	4
	06:00	0	40	12	0	2	0	0	0	0	0	0	0	0	54	2
	07:00	3	88	18	0	6	0	0	0	0	0	0	0	0	115	6
	08:00	4	81	23	0	2	0	0	0	0	0	0	0	0	110	2
	09:00	0	46	20	0	2	0	0	0	0	0	0	0	0	68	2
	10:00	0	80	19	0	1	0	0	0	0	0	0	0	0	100	1
	11:00	0	78	15	0	9	0	0	0	0	0	0	0	0	102	9
	12 PM	2	73	33	0	2	0	0	0	0	0	0	0	0	110	2
	13:00	0	92	29	0	5	0	0	0	0	0	0	0	0	126	5
	14:00	0	71	21	0	4	0	0	0	0	0	0	0	0	96	4
	15:00	1	91	30	0	3	0	0	0	1	0	0	0	0	126	4
	16:00	1	126	25	1	8	0	0	0	0	0	0	0	0	161	9
	17:00	3	115	29	0	4	1	0	2	0	0	0	0	0	154	7
	18:00	0	72	16	0	4	0	0	1	0	0	0	0	0	93	5
	19:00	1	46	21	0	2	0	0	0	0	0	0	0	0	70	2
	20:00	0	44	14	0	0	0	0	0	0	0	0	0	0	58	0
	21:00	0	38	8	0	2	1	0	0	0	0	0	0	0	49	3
	22:00	0	36	4	0	1	0	0	0	0	0	0	0	0	41	1
	23:00	0	28	5	0	0	0	0	0	0	0	0	0	0	33	0
	Total	15	1292	354	1	63	2	0	3	1	0	0	0	0	1731	70
	Percent	0.9%	74.6%	20.5%	0.1%	3.6%	0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%		4.0%
	AM Peak	08:00	07:00	08:00		11:00									07:00	11:00
	Vol.	4	88	23		9									115	9
	PM Peak	17:00	16:00	12:00	16:00	16:00	17:00		17:00	15:00					16:00	16:00
	Vol.	3	126	33	1	8	1		2	1					161	9

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

Community: Brockton  
 Com #\_U/RFC: 44\_U6  
 Recorder #: Jamar #14  
 Tube Layout: L6 Basic (2')

Station ID:  
 Site Code: 44  
 Date Start: 29-Jul-09  
 Date End: 30-Jul-09  
 Loraine Ave, north of Belmont St (123)

SB, NB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	07/30/09	0	16	0	0	2	0	0	0	0	0	0	0	0	18	2
	01:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6	0
	02:00	0	3	2	0	2	0	0	0	0	0	0	0	0	7	2
	03:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6	0
	04:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8	0
	05:00	0	15	7	0	3	0	0	0	0	0	0	0	0	25	3
	06:00	1	47	19	0	1	1	0	0	0	0	0	0	0	69	2
	07:00	0	90	20	0	7	1	0	0	0	0	0	0	1	119	9
	08:00	0	82	22	0	3	0	0	1	0	0	0	0	0	108	4
	09:00	0	72	17	0	2	0	0	0	0	0	0	0	0	91	2
	10:00	0	75	27	0	3	1	0	1	0	0	0	0	0	107	5
	11:00	2	61	21	0	2	0	0	0	0	0	0	0	0	86	2
	12 PM	0	78	19	0	3	0	0	0	1	0	0	0	0	101	4
	13:00	0	90	28	0	5	0	0	0	0	0	0	0	0	123	5
	14:00	0	94	24	0	3	2	0	2	0	0	0	0	0	125	7
	15:00	0	83	18	1	2	0	0	1	0	0	0	0	0	105	4
	16:00	0	100	24	0	4	0	0	0	0	0	0	0	0	128	4
	17:00	0	105	29	0	5	0	0	0	0	0	0	0	0	139	5
	18:00	0	85	25	0	4	0	0	0	0	0	0	0	0	114	4
	19:00	0	71	12	0	5	0	0	0	0	0	0	0	0	88	5
	20:00	2	61	26	0	2	0	0	0	0	0	0	0	0	91	2
	21:00	0	38	8	0	0	0	0	0	0	0	0	0	0	46	0
	22:00	0	45	4	0	4	0	0	0	0	0	0	0	0	53	4
	23:00	1	30	2	0	0	0	0	0	0	0	0	0	0	33	0
	Total	6	1358	357	1	62	5	0	5	1	0	0	0	1	1796	75
	Percent	0.3%	75.6%	19.9%	0.1%	3.5%	0.3%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.1%		4.2%
	AM Peak	11:00	07:00	10:00		07:00	06:00		08:00					07:00	07:00	07:00
	Vol.	2	90	27		7	1		1					1	119	9
	PM Peak	20:00	17:00	17:00	15:00	13:00	14:00		14:00	12:00					17:00	14:00
	Vol.	2	105	29	1	5	2		2	1					139	7
	Grand Total	21	2650	711	2	125	7	0	8	2	0	0	0	1	3527	145
	Percent	0.6%	75.1%	20.2%	0.1%	3.5%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%		4.1%

# Old Colony Planning Council

## 70 School Street

### Brockton, MA 02301

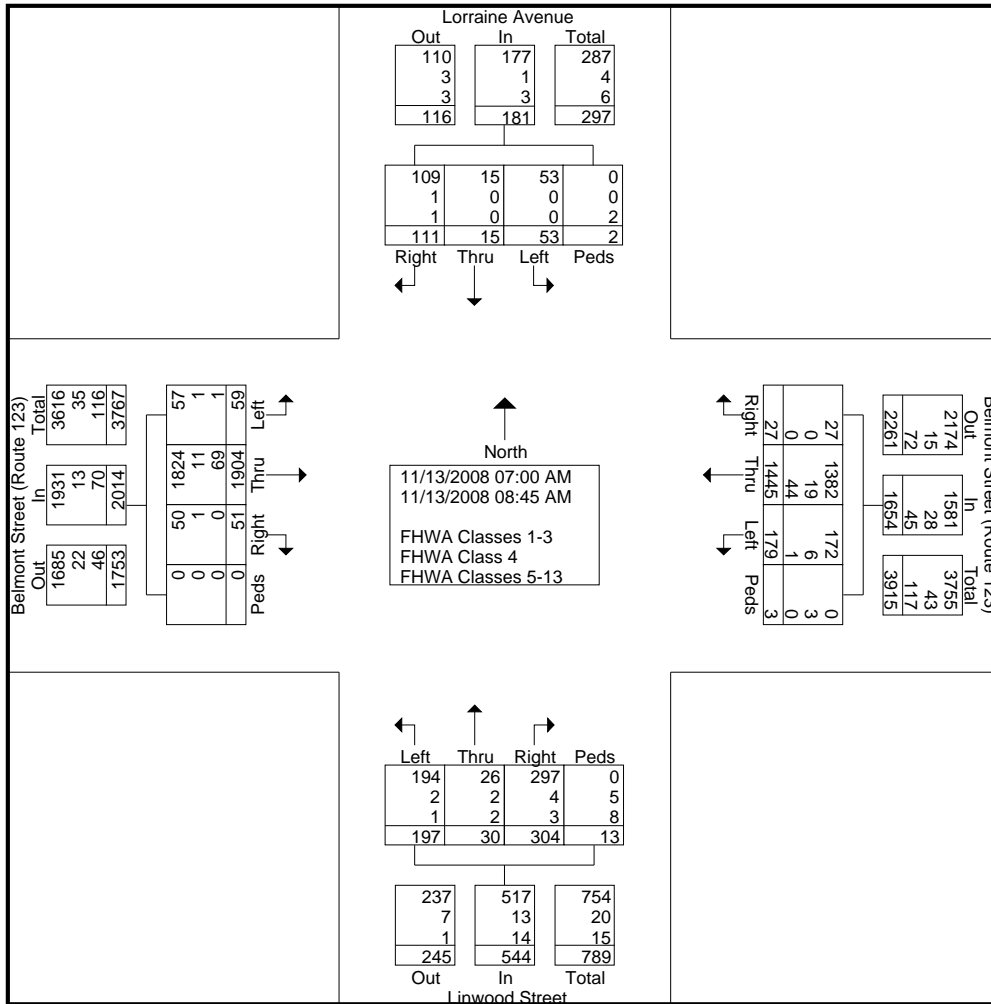
#### 508-583-1833

Community: Brockton  
 Weather: Overcast  
 Board #: DB-400 (6)  
 Staff: KW

File Name : 44\_Belmont&Linwood\_AM  
 Site Code : 44  
 Start Date : 11/13/2008  
 Page No : 1

#### Groups Printed- 3 - FHWA Class 4 - 13

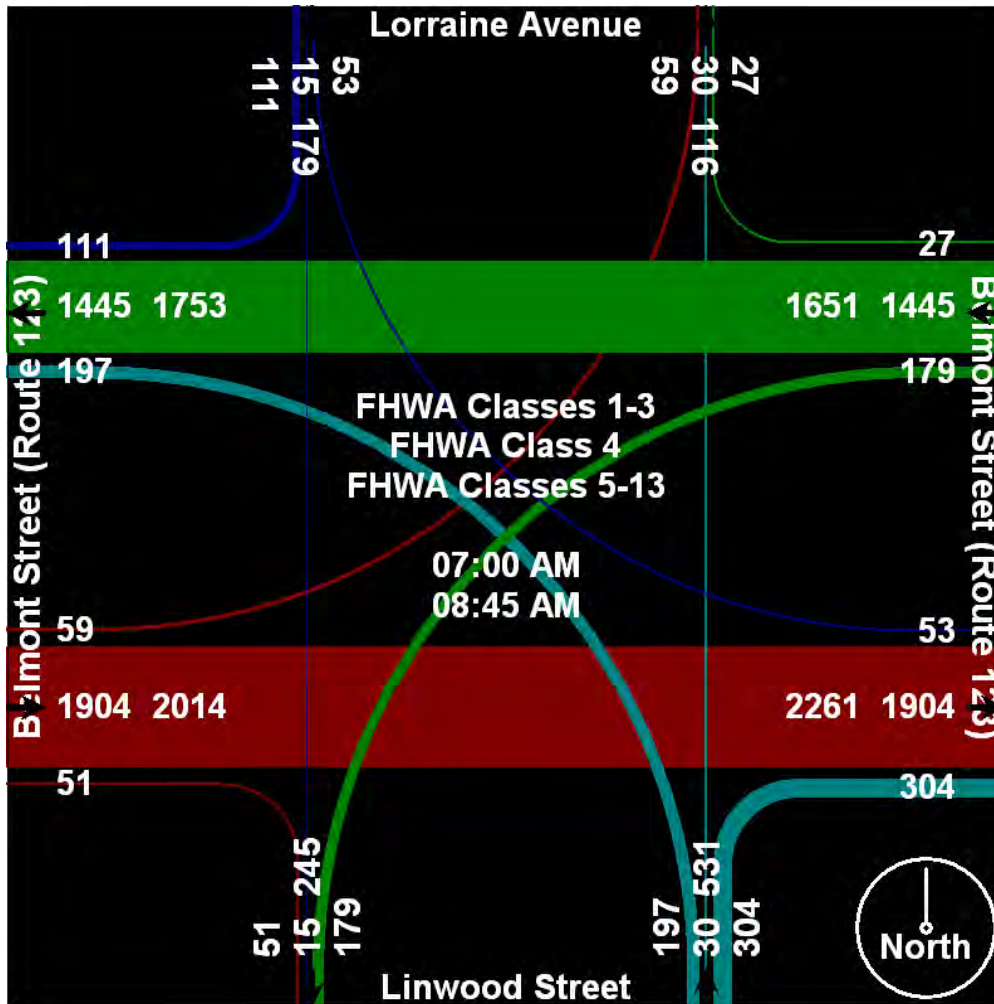
Start Time Factor	Lorraine Avenue Southbound					Belmont Street (Route 123) Westbound					Linwood Street Northbound					Belmont Street (Route 123) Eastbound					Int. Total
	Left 1.0	Thru 1.0	Right 1.0	Peds 1.0	App. Total	Left 1.0	Thru 1.0	Right 1.0	Peds 1.0	App. Total	Left 1.0	Thru 1.0	Right 1.0	Peds 1.0	App. Total	Left 1.0	Thru 1.0	Right 1.0	Peds 1.0	App. Total	
07:00 AM	12	4	12	0	28	20	151	1	1	173	17	4	76	7	104	12	202	9	0	223	528
07:15 AM	10	1	14	0	25	29	169	11	2	211	24	4	47	2	77	8	170	3	0	181	494
07:30 AM	2	1	19	0	22	14	235	2	0	251	25	8	30	1	64	8	252	8	0	268	605
07:45 AM	5	2	17	1	25	26	194	2	0	222	15	2	36	1	54	10	268	3	0	281	582
<b>Total</b>	<b>29</b>	<b>8</b>	<b>62</b>	<b>1</b>	<b>100</b>	<b>89</b>	<b>749</b>	<b>16</b>	<b>3</b>	<b>857</b>	<b>81</b>	<b>18</b>	<b>189</b>	<b>11</b>	<b>299</b>	<b>38</b>	<b>892</b>	<b>23</b>	<b>0</b>	<b>953</b>	<b>2209</b>
08:00 AM	8	3	15	1	27	20	198	4	0	222	39	2	31	1	73	10	230	7	0	247	569
08:15 AM	3	0	10	0	13	19	176	1	0	196	25	5	19	0	49	2	227	4	0	233	491
08:30 AM	10	3	8	0	21	19	157	2	0	178	21	3	45	0	69	5	284	5	0	294	562
08:45 AM	3	1	16	0	20	32	165	4	0	201	31	2	20	1	54	4	271	12	0	287	562
<b>Total</b>	<b>24</b>	<b>7</b>	<b>49</b>	<b>1</b>	<b>81</b>	<b>90</b>	<b>696</b>	<b>11</b>	<b>0</b>	<b>797</b>	<b>116</b>	<b>12</b>	<b>115</b>	<b>2</b>	<b>245</b>	<b>21</b>	<b>1012</b>	<b>28</b>	<b>0</b>	<b>1061</b>	<b>2184</b>
<b>Grand Total</b>	<b>53</b>	<b>15</b>	<b>111</b>	<b>2</b>	<b>181</b>	<b>179</b>	<b>1445</b>	<b>27</b>	<b>3</b>	<b>1654</b>	<b>197</b>	<b>30</b>	<b>304</b>	<b>13</b>	<b>544</b>	<b>59</b>	<b>1904</b>	<b>51</b>	<b>0</b>	<b>2014</b>	<b>4393</b>
Apprch %	29.3	8.3	61.3	1.1		10.8	87.4	1.6	0.2		36.2	5.5	55.9	2.4		2.9	94.5	2.5	0		
Total %	1.2	0.3	2.5	0	4.1	4.1	32.9	0.6	0.1	37.7	4.5	0.7	6.9	0.3	12.4	1.3	43.3	1.2	0	45.8	
FHWA Classes 1-3	53	15	109	0	177	172	1382	27	0	1581	194	26	297	0	517	57	1824	50	0	1931	4206
% FHWA Classes 1-3	100	100	98.2	0	97.8	96.1	95.6	100	0	95.6	98.5	86.7	97.7	0	95	96.6	95.8	98	0	95.9	95.7
FHWA Class 4	0	0	1	0	1	6	19	0	3	28	2	2	4	5	13	1	11	1	0	13	55
% FHWA Class 4	0	0	0.9	0	0.6	3.4	1.3	0	100	1.7	1	6.7	1.3	38.5	2.4	1.7	0.6	2	0	0.6	1.3
FHWA Classes 5-13	0	0	1	2	3	1	44	0	0	45	1	2	3	8	14	1	69	0	0	70	132
% FHWA Classes 5-13	0	0	0.9	100	1.7	0.6	3	0	0	2.7	0.5	6.7	1	61.5	2.6	1.7	3.6	0	0	3.5	3



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

Community: Brockton  
Weather: Overcast  
Board #: DB-400 (6)  
Staff: KW

File Name : 44\_Belmont&Linwood\_AM  
Site Code : 44  
Start Date : 11/13/2008  
Page No : 2





# Old Colony Planning Council

## 70 School Street

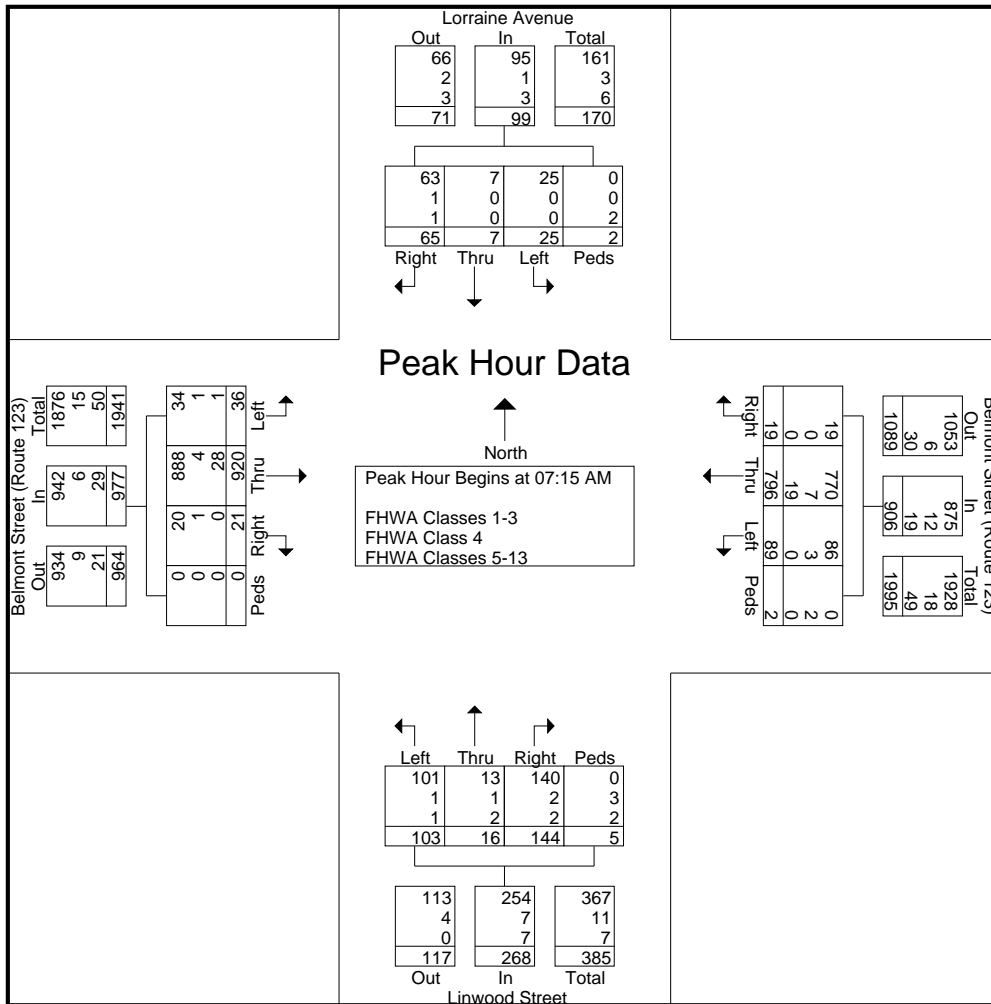
### Brockton, MA 02301

#### 508-583-1833

Community: Brockton  
 Weather: Overcast  
 Board #: DB-400 (6)  
 Staff: KW

File Name : 44\_Belmont&Linwood\_AM  
 Site Code : 44  
 Start Date : 11/13/2008  
 Page No : 3

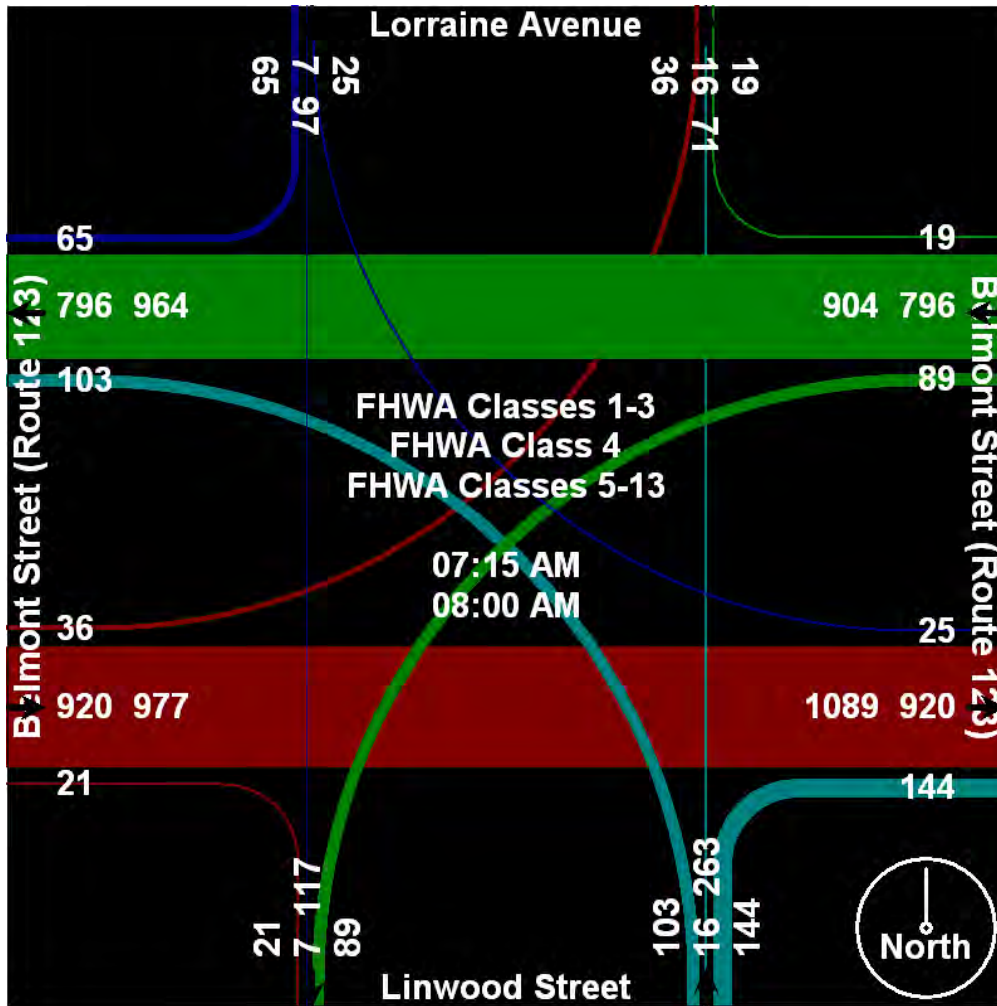
Start Time	Lorraine Avenue Southbound					Belmont Street (Route 123) Westbound					Linwood Street Northbound					Belmont Street (Route 123) Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	10	1	14	0	25	29	169	11	2	211	24	4	47	2	77	8	170	3	0	181	494
07:30 AM	2	1	19	0	22	14	235	2	0	251	25	8	30	1	64	8	252	8	0	268	605
07:45 AM	5	2	17	1	25	26	194	2	0	222	15	2	36	1	54	10	268	3	0	281	582
08:00 AM	8	3	15	1	27	20	198	4	0	222	39	2	31	1	73	10	230	7	0	247	569
Total Volume	25	7	65	2	99	89	796	19	2	906	103	16	144	5	268	36	920	21	0	977	2250
% App. Total	25.3	7.1	65.7	2		9.8	87.9	2.1	0.2		38.4	6	53.7	1.9		3.7	94.2	2.1	0		
PHF	.625	.583	.855	.500	.917	.767	.847	.432	.250	.902	.660	.500	.766	.625	.870	.900	.858	.656	.000	.869	.930
FHWA Classes 1-3	25	7	63	0	95	86	770	19	0	875	101	13	140	0	254	34	888	20	0	942	2166
% FHWA Classes 1-3	100	100	96.9	0	96.0	96.6	96.7	100	0	96.6	98.1	81.3	97.2	0	94.8	94.4	96.5	95.2	0	96.4	96.3
FHWA Class 4	0	0	1	0	1	3	7	0	2	12	1	1	2	3	7	1	4	1	0	6	26
% FHWA Class 4	0	0	1.5	0	1.0	3.4	0.9	0	100	1.3	1.0	6.3	1.4	60.0	2.6	2.8	0.4	4.8	0	0.6	1.2
FHWA Classes 5-13	0	0	1	2	3	0	19	0	0	19	1	2	2	2	7	1	28	0	0	29	58
% FHWA Classes 5-13	0	0	1.5	100	3.0	0	2.4	0	0	2.1	1.0	12.5	1.4	40.0	2.6	2.8	3.0	0	0	3.0	2.6



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

Community: Brockton  
Weather: Overcast  
Board #: DB-400 (6)  
Staff: KW

File Name : 44\_Belmont&Linwood\_AM  
Site Code : 44  
Start Date : 11/13/2008  
Page No : 4



# Old Colony Planning Council

## 70 School Street

### Brockton, MA 02301

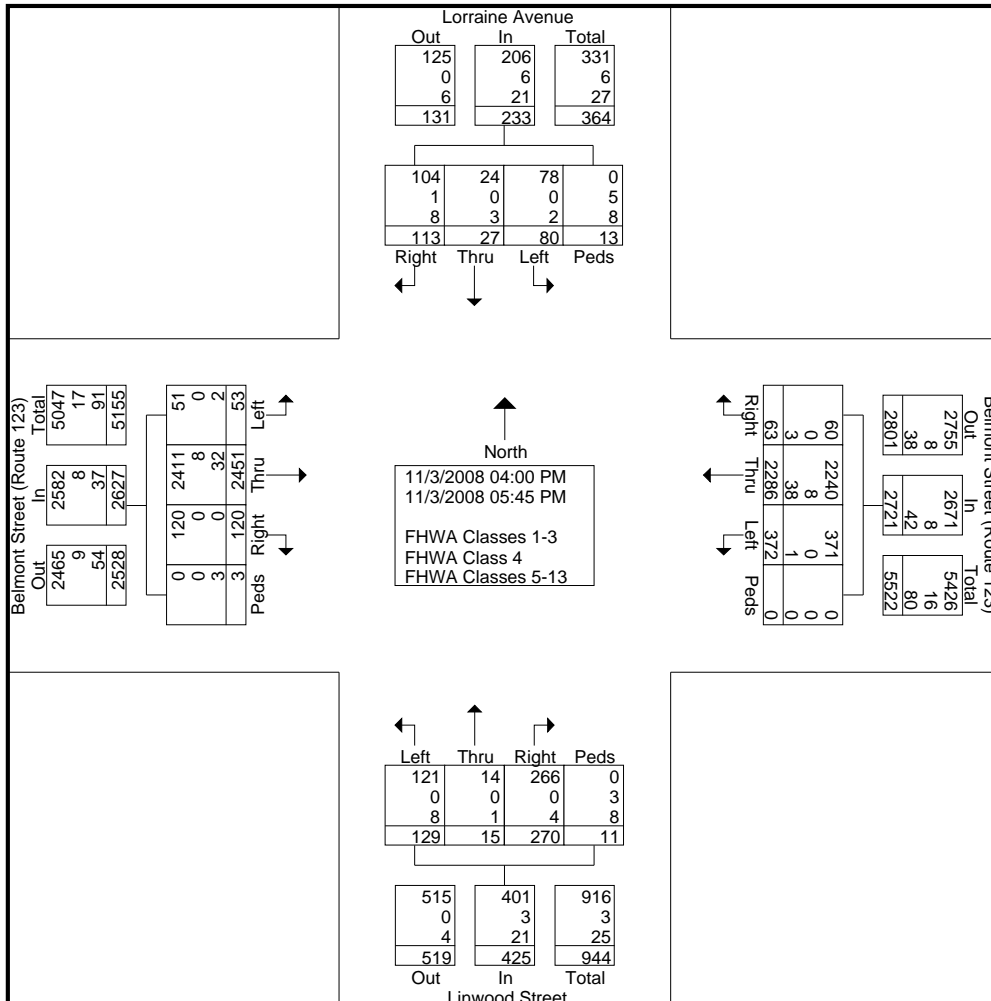
#### 508-583-1833

Community: Brockton  
 Weather: Overcast  
 Board #: DB-400 (6)  
 Staff: KW

File Name : 44\_Belmont&Linwood\_PM  
 Site Code : 44  
 Start Date : 11/3/2008  
 Page No : 1

#### Groups Printed- 3 - FHWA Class 4 - 13

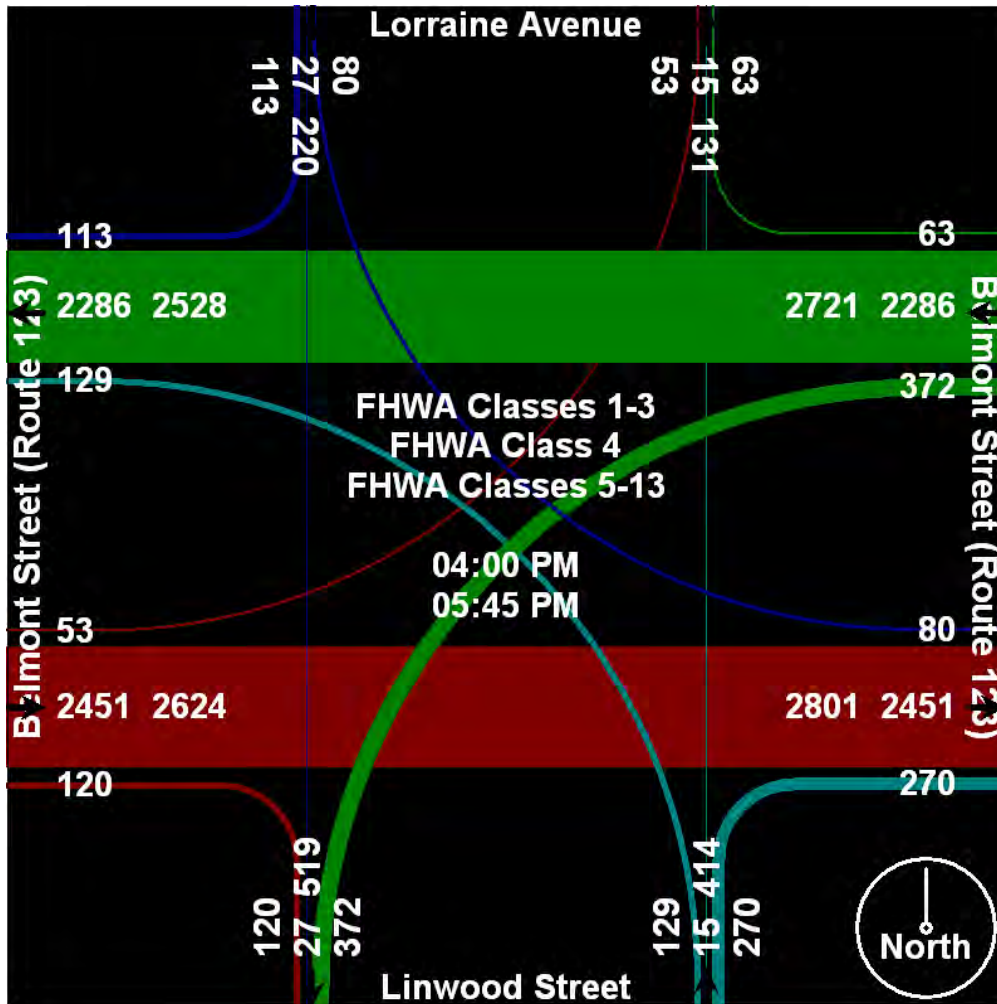
Start Time Factor	Lorraine Avenue Southbound					Belmont Street (Route 123) Westbound					Linwood Street Northbound					Belmont Street (Route 123) Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
	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	1.0	1.0	1.0	1.0	
04:00 PM	8	5	16	2	31	44	222	8	0	274	19	5	20	4	48	3	248	12	3	266	619
04:15 PM	7	1	27	0	35	52	322	8	0	382	12	0	44	1	57	5	367	15	0	387	861
04:30 PM	8	1	6	3	18	37	255	5	0	297	17	1	28	0	46	18	290	9	0	317	678
04:45 PM	10	2	18	1	31	61	296	12	0	369	12	1	44	0	57	0	279	22	0	301	758
<b>Total</b>	<b>33</b>	<b>9</b>	<b>67</b>	<b>6</b>	<b>115</b>	<b>194</b>	<b>1095</b>	<b>33</b>	<b>0</b>	<b>1322</b>	<b>60</b>	<b>7</b>	<b>136</b>	<b>5</b>	<b>208</b>	<b>26</b>	<b>1184</b>	<b>58</b>	<b>3</b>	<b>1271</b>	<b>2916</b>
05:00 PM	3	1	7	0	11	51	292	2	0	345	29	0	30	1	60	2	314	9	0	325	741
05:15 PM	24	10	15	4	53	36	315	7	0	358	7	3	44	1	55	9	342	14	0	365	831
05:30 PM	9	5	17	1	32	42	252	10	0	304	12	2	33	4	51	8	322	22	0	352	739
05:45 PM	11	2	7	2	22	49	332	11	0	392	21	3	27	0	51	8	289	17	0	314	779
<b>Total</b>	<b>47</b>	<b>18</b>	<b>46</b>	<b>7</b>	<b>118</b>	<b>178</b>	<b>1191</b>	<b>30</b>	<b>0</b>	<b>1399</b>	<b>69</b>	<b>8</b>	<b>134</b>	<b>6</b>	<b>217</b>	<b>27</b>	<b>1267</b>	<b>62</b>	<b>0</b>	<b>1356</b>	<b>3090</b>
<b>Grand Total</b>	<b>80</b>	<b>27</b>	<b>113</b>	<b>13</b>	<b>233</b>	<b>372</b>	<b>2286</b>	<b>63</b>	<b>0</b>	<b>2721</b>	<b>129</b>	<b>15</b>	<b>270</b>	<b>11</b>	<b>425</b>	<b>53</b>	<b>2451</b>	<b>120</b>	<b>3</b>	<b>2627</b>	<b>6006</b>
Apprch %	34.3	11.6	48.5	5.6		13.7	84	2.3	0		30.4	3.5	63.5	2.6		2	93.3	4.6	0.1		
Total %	1.3	0.4	1.9	0.2	3.9	6.2	38.1	1	0	45.3	2.1	0.2	4.5	0.2	7.1	0.9	40.8	2	0	43.7	
FHWA Classes 1-3	78	24	104	0	206	371	2240	60	0	2671	121	14	266	0	401	51	2411	120	0	2582	5860
% FHWA Classes 1-3	97.5	88.9	92	0	88.4	99.7	98	95.2	0	98.2	93.8	93.3	98.5	0	94.4	96.2	98.4	100	0	98.3	97.6
FHWA Class 4	0	0	1	5	6	0	8	0	0	8	0	0	0	3	3	0	8	0	0	8	25
% FHWA Class 4	0	0	0.9	38.5	2.6	0	0.3	0	0	0.3	0	0	0	27.3	0.7	0	0.3	0	0	0.3	0.4
FHWA Classes 5-13	2	3	8	8	21	1	38	3	0	42	8	1	4	8	21	2	32	0	3	37	121
% FHWA Classes 5-13	2.5	11.1	7.1	61.5	9	0.3	1.7	4.8	0	1.5	6.2	6.7	1.5	72.7	4.9	3.8	1.3	0	100	1.4	2



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

Community: Brockton  
Weather: Overcast  
Board #: DB-400 (6)  
Staff: KW

File Name : 44\_Belmont&Linwood\_PM  
Site Code : 44  
Start Date : 11/3/2008  
Page No : 2



# Old Colony Planning Council

## 70 School Street

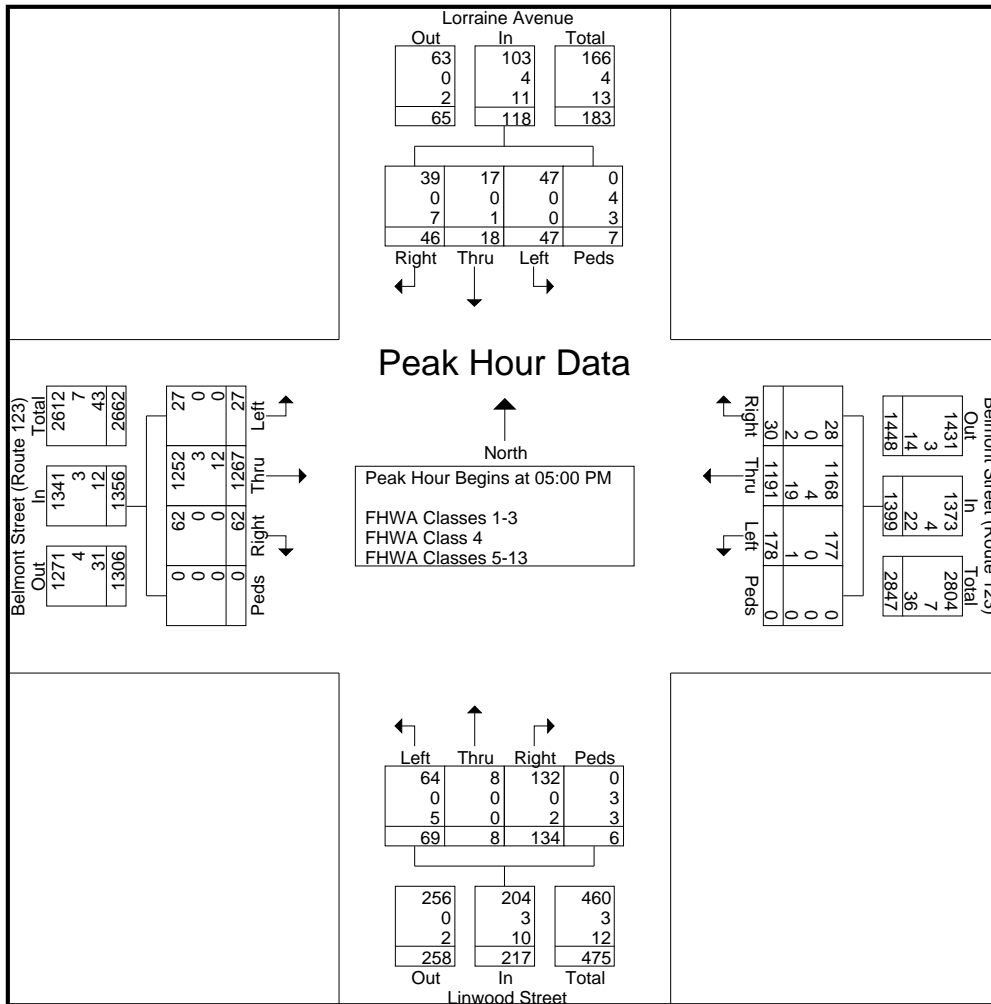
### Brockton, MA 02301

#### 508-583-1833

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 Page No : 3

Start Time	Lorraine Avenue Southbound					Belmont Street (Route 123) Westbound					Linwood Street Northbound					Belmont Street (Route 123) Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	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 05:00 PM																					
05:00 PM	3	1	7	0	11	51	292	2	0	345	29	0	30	1	60	2	314	9	0	325	741
05:15 PM	24	10	15	4	53	36	315	7	0	358	7	3	44	1	55	9	342	14	0	365	831
05:30 PM	9	5	17	1	32	42	252	10	0	304	12	2	33	4	51	8	322	22	0	352	739
05:45 PM	11	2	7	2	22	49	332	11	0	392	21	3	27	0	51	8	289	17	0	314	779
Total Volume	47	18	46	7	118	178	1191	30	0	1399	69	8	134	6	217	27	1267	62	0	1356	3090
% App. Total	39.8	15.3	39	5.9		12.7	85.1	2.1	0		31.8	3.7	61.8	2.8		2	93.4	4.6	0		
PHF	.490	.450	.676	.438	.557	.873	.897	.682	.000	.892	.595	.667	.761	.375	.904	.750	.926	.705	.000	.929	.930
FHWA Classes 1-3	47	17	39	0	103	177	1168	28	0	1373	64	8	132	0	204	27	1252	62	0	1341	3021
% FHWA Classes 1-3	100	94.4	84.8	0	87.3	99.4	98.1	93.3	0	98.1	92.8	100	98.5	0	94.0	100	98.8	100	0	98.9	97.8
FHWA Class 4	0	0	0	4	4	0	4	0	0	4	0	0	0	3	3	0	3	0	0	3	14
% FHWA Class 4	0	0	0	57.1	3.4	0	0.3	0	0	0.3	0	0	0	50.0	1.4	0	0.2	0	0	0.2	0.5
FHWA Classes 5-13	0	1	7	3	11	1	19	2	0	22	5	0	2	3	10	0	12	0	0	12	55
% FHWA Classes 5-13	0	5.6	15.2	42.9	9.3	0.6	1.6	6.7	0	1.6	7.2	0	1.5	50.0	4.6	0	0.9	0	0	0.9	1.8



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Page No : 4

