ROAD SAFETY AUDIT

Belmont Street (Route 123) between Manley Street and VA Eastern Driveway City of Brockton

March 2011

Prepared for: Massachusetts Department of Transportation



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Table of Contents

| Background | | | | | |
|---|---|---|---------------|--|--|
| Project Dat | ta | | 2 | | |
| Project Loc | cation De | scription | 3 | | |
| | -wide Issu ion #1. ion #2. ion #2. | Dbservations es Belmont Street (Route 123)/Manley Street/FedEx Driveway Belmont Street (Route 123)/VA Main Driveway/Belmont Court Belmont Street (Route 123)/VA Main Driveway/Belmont Court Belmont Street (Route 123)/VA Eastern Driveway | 8 12 16 | | |
| Potential Sa | afety Enl | nancements | 20 | | |
| List of Ap | pendice | es | | | |
| Appendix A. Appendix B. Appendix C. Appendix D. Appendix E. | RSA M RSA A Detaile | Pesign Plans Meeting Agenda Audit Team Contact List ed Crash Data conal Information | | | |
| List of Fig | gures | | | | |
| Figure 1. I | Locus Map |) | | | |
| List of Ta | bles | | | | |
| | | ng Audit Team Membersof Potential Safety Enhancements | | | |

Background

The segment of Belmont Street (Route 123) between Manley Street and the VA Eastern Driveway in the City of Brockton, Massachusetts, has 2 intersection locations listed in the Top 5% of High Crash Locations within the Old Colony Planning Council (OCPC) area and also within the *Top 200 High Crash Intersection Locations 2006-2008* in Massachusetts. The Massachusetts Department of Transportation (MassDOT) has determined that the City would be eligible to receive Highway Safety Improvement Program (HSIP) funding for reconstruction of this roadway segment if a Road Safety Audit (RSA) were conducted and the proposed design incorporated safety improvements identified in the RSA.

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

Belmont Street from Manley Street to the VA Main Driveway is currently at the 25% design stage, funded by MassDOT, while Belmont Street east of the VA Main Driveway will be redesigned as part of a separate reconstruction project. The safety issues associated with Belmont Street between Patterson Avenue and Linwood Street were assessed as part of an earlier RSA. However, during the RSA, the team focused on safety issues and the safety benefits of the proposed improvements along the entire roadway segment between Manley Street and the VA Eastern Driveway. The 25% design plans for the segment evaluated during this RSA are provided in **Appendix A**.

Project Data

The audit team conducted an RSA for the Belmont Street corridor on Wednesday, March 2, 2011. The RSA agenda appears in **Appendix B. Table 1** lists the audit team members and their affiliations. **Appendix C** provides contact information for all team members.

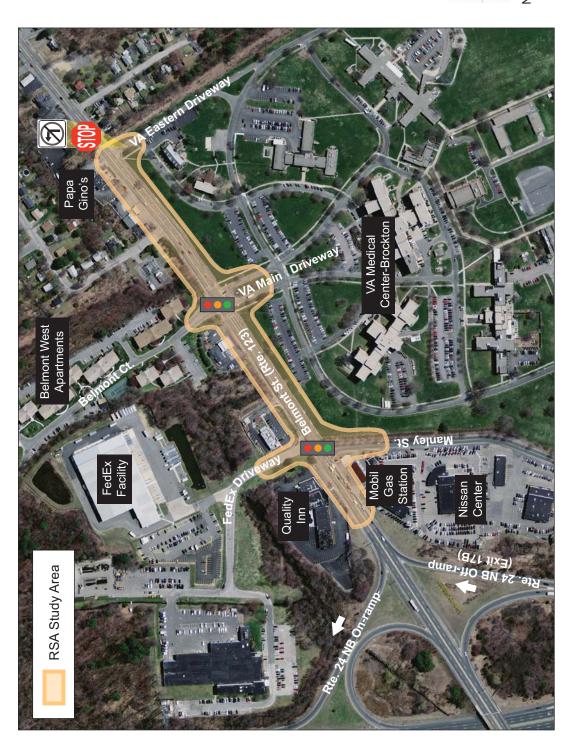
Table 1. Participating Audit Team Members

| Table 1. Participating Audit Tea | |
|----------------------------------|---|
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| Jacques Borge | Brockton Engineering |
| Captain McCabe | Brockton Police Department |
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| Peter Tupper | Brockton Fire Department |
| Jass Stewart | Brockton City Council |
| George Riddell | Brockton Area Transit |
| Jeffrey Thibeault | Belmont West Apartments |
| Janet Cassidy | Belmont West Apartments |
| Jim Hoyle | FHWA |
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| Brian Ackley | Tetra Tech |
| Charles Kilmer | Old Colony Planning Council |
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| | |

Project Location Description

The segment of Belmont Street (Route 123) between Manley Street and the VA Eastern Driveway is located in the City of Brockton, as shown in the aerial image in **Figure 1**. The segment is located just east of Route 24 (exit 17). Within the study area, Route 123 serves as a major east—west roadway and provides access to numerous commercial, residential, and institutional uses.

Figure 1. Locus Map





The RSA team evaluated the segment of Belmont Street (Route 123) between Manley Street and the VA Eastern Driveway as a whole and paid particular attention to the following three intersection locations:

Belmont Street (Route 123)/Manley Street/FedEx Driveway – is a 4-way signalized intersection. The Belmont Street eastbound and westbound approaches each consist of two multi-purpose travel lanes; no dedicated turning lanes are provided. The FedEx Driveway southbound approach intersects Belmont Street approximately 40 feet east of Manley Street resulting in a skewed alignment between the northbound and southbound approaches. Belmont Street Pedestrian crossings are provided across the northern, southern, and western legs of the intersection; however, pedestrian signal indications are only provided across the Manley Street approach.

Belmont Street (Route 123)/VA Main Driveway/Belmont Court – is a 4-way signalized intersection. The Belmont Street eastbound and westbound approaches each consist of two multi-purpose travel lanes; no dedicated turning lanes are provided. The VA Main Driveway consists of one travel lane, separated by an approximately 50 foot wide landscaped median, in the vicinity of the intersection. The Belmont Court entrance and exit lanes are similarly split by the presence of a divider island in an effort to line up the northbound and southbound approaches of the VA Main Driveway. Crosswalks are provided across the eastern, western, and southern legs of the intersection; however, pedestrian signal indications are only provided across the Belmont Street crossings.

Belmont Street (Route 123)/VA Eastern Driveway – is an unsignalized T-intersection. The Belmont Street eastbound and westbound approaches each consist of two multi-purpose travel lanes; no dedicated turning lanes are provided. The VA Eastern Driveway intersects Belmont Street from the south and operates under stop control; left turns out of the VA Eastern Driveway on Belmont Street are prohibited. A sidewalk is provided along the northern and southern sides of Belmont Street.

These three intersections form the junctions of the following roadways, which are categorized according to MassDOT Office of Transportation Planning functional classifications:

Belmont Street (Route 123) is an urban principal arterial and falls under MassDOT jurisdiction. Belmont Street is an east—west roadway and is dedicated as Route 123. Within the study area, Belmont Street consists of 2 travel lanes in each direction. The speed limit along Belmont Street is posted 35 miles per hour (mph) in the eastbound direction and 40 mph in the westbound direction.

Manley Street is an urban minor arterial and is owned by the City. Manley Street generally runs north—south between Belmont Street and West Chestnut Street and provides access to several commercial and industrial uses. In addition, two new car dealerships are currently planned at the southern end of Manley Street. Manley Street generally consists of one travel lane in each direction.

FedEx Driveway is privately owned and provides access to FedEx and other commercial/industrial businesses. FedEx Driveway generally runs north–south and consists of one travel lane in each direction.

VA Main Driveway is the primary access driveway for the VA Medical Center – Brockton. The VA Main Driveway generally runs north—south and consists of one travel lane in each direction, separated by a large landscaped median, in the vicinity of the intersection. The VA Main Driveway provides connection to the internal roadways within the VA Campus and to West Chestnut Street and Manley Street.

Belmont Court is a privately owned driveway providing access to the Belmont West residential apartments. Belmont Court generally runs north—south and consists of one travel lane in each direction in the vicinity of the intersection.

VA Eastern Driveway is secondary access driveway for the VA Medical Center – Brockton. VA Eastern Driveway generally runs north–south and consists of one travel lane in each direction in the vicinity of the intersection.

Prior to the RSA, in order to begin assessing possible safety issues, the team reviewed collision diagrams and a crash detail summary based on crash records supplied by the Brockton Police Department. From January 2008 through December 2010, 68 crashes related to the roadway segment and the three intersections were reported, including 27 (approximately 44%) were angle type crashes, 21 (approximately 31%) were rear-end type crashes, 9 (approximately 13%) were single vehicle crashes, and 8 (approximately 12%) were sideswipe same direction vehicle crashes. Crashes generally occurred on dry pavement (42, or nearly 62%) in clear weather conditions (42, or nearly 62%) and during daylight hours (46, or nearly 68%). In addition, there were 36 crashes reported between February 2007 and December 2010 that were handled by an incident report and did not require a detailed crash report with the Brockton Police Department. **Appendix D** provides the detailed crash data for the roadway segment from January 2008 through December 2010. Speed regulations and traffic volume data are presented in **Appendix E**.

Road Safety Audit Observations

Based on field observations on Wednesday, March 2, 2011, the RSA team determined that the segment of Belmont Street (Route 123) between Manley Street and the VA Eastern Driveway has the following issues that affect safety:

- Access management;
- Drainage;
- Intersection geometry;
- Lack of dedicated turning lanes;
- Lane Width;
- Limited bicycle accommodations;
- Limited pedestrian accommodations;
- Limited transit accommodations; and
- Utility pole placement.

The following sections describe in more detail the safety issues and enhancements determined during the RSA. These safety enhancements are also discussed as they relate to both the existing conditions and the design plans which are currently at the 25% design level. Several of these issues require further study and engineering judgment to determine the feasibility of implementing enhancements to address them.

Corridor-wide Issues

Observations:

The RSA team noted the following corridor-wide observations:

Roadway Width

Lanes and Shoulders – Belmont Street consists of 2 fairly narrow travel lanes in each direction with no shoulder, resulting in a narrow "feel" for motorists traveling along the roadway. RSA team members noted that the lack of a shoulder often resulted in motorists "shying" away from the curb line and thus traveling in more than one lane at a time. According to Brockton Police crash records, 8 of the 68 crashes reported from January 2008 through December 2010 were sideswipe same direction crashes. The limited cross-section combined with a lack of a shoulder likely contributed to these crashes. RSA team members also noted that the portion of Belmont over Route 24 was recently reconstructed with a full shoulder. Therefore, motorists traveling



Truck traveling in both lanes along Belmont Street westbound.

eastbound along Belmont Street experience a noticeable decrease in cross-sectional width as they travel from the recently reconstructed portion of the roadway to the narrower existing section.



Utility pole located near the curb line and leaning towards the travel lane.

<u>Utility Poles</u> – In addition, utility poles along the north and south sides of the roadway are located very close to the curb line resulting in a further visual narrowing of the roadway. Furthermore, some of the utility poles are leaning towards the roadway and, in some cases, into and over the travel lane.

Emergency Response – RSA team members noted that the Fire response vehicles have had several unreported incidents involving minor sideswipe crashes (e.g., damage to and/or loss of side view mirrors, etc.) along the corridor. RSA team members also noted that Opticom is not currently provided at the signalized intersections within the study area.

Bus Stops

The Brockton Area Transit Authority (BAT) provides the Route 3 bus service between the VA Hospital and BAT Centre in downtown Brockton. Within the study area, Route 3 serves a stop within the VA Hospital campus as well as 2 flag stops in each direction of Belmont Street between the VA Main Driveway and the VA Eastern Driveway. According to the crash records, 1 crash (sideswipe same direction) was reported involving a bus. RSA team members noted the potential for rear-end and sideswipe crashes between motorists traveling along the outside lanes of Belmont Street and buses serving the bus stops along the roadway. Motorists unfamiliar with the roadway may not



BAT bus stop along Belmont Street

expect buses to stop within the travel lane to serve passengers. In addition, travel speeds along the corridor may make it difficult for motorists, even those familiar with the corridor, to perceive and react to a bus stopping within the outside travel lane.

One of the BAT bus stops is located approximately 200 feet in advance of the VA Main Driveway along the Belmont Street westbound outside lane. According to RSA team members, BAT buses serving this stop often have difficultly merging into the inside lane before making a left turn into the VA Hospital. A second bus stop along the westbound direction Belmont Street is located only approximately 150 feet upstream of this location.

An RSA team member also noted that the there are several school bus stops along Belmont Street; during the turning movement counts conducted at the intersection, it was noted that several vehicles traveling along Belmont Street eastbound did not stop for the flashing lights of the bus while students boarded.

Pedestrian Accessibility

RSA team members noted the prevalence of pedestrians with disabilities associated with the VA Hospital that use sidewalks along Belmont Street and often cross Belmont Street to access the adjacent commercial uses; however, curb ramps and sidewalks within the study area are generally in poor condition, do not appear to meet current ADA standards, and were obstructed with snow in some locations.

During the RSA, team members also noted that pedestrian signal indications are not provided across all pedestrian crossings at signalized intersections along Belmont Street within the study area.

Drainage

RSA team members noted that there are drainage issues along Belmont Street attributed to the relatively flat roadway profile, which can result in ponding and icing. According to the crash records, 22 of the 68 crashes (or approximately 33%) occurred on wet pavement.

Speed

RSA team members noted that vehicle travel speeds appear to be faster to the east of the VA Main Driveway. According to speed data collected by



Drainage issues along Belmont Street

OCPC on Belmont Street west of Linwood Street on Wednesday, July 29 and Thursday, July 30, 2009, 85th percentile speeds were recorded at 45 mph in the westbound direction (versus 40 mph posted) and 41 mph in the eastbound direction (versus 35 mph posted). Higher travel speeds along the corridor may have contributed to the crash history within the study area. Detailed speed data is provided in Appendix E.

General Observations

The RSA team also noted the following general observations:

- Pavement Markings Are generally in worn and in poor condition.
- <u>Bicycle Accommodations</u> No dedicated bicycle accommodations are currently provided.
- Solar Glare Due to the east—west orientation of Belmont Street, solar glare can be an issue for motorists during sunrise and sunset.

Design-Specific Comments:

The RSA team noted the following with respect to the proposed 25% Design Plans:

- Designer should ensure that pedestrian clearance intervals are timed appropriately for slow/disabled pedestrians. One crash was reported involving a pedestrian that resulted in personal injury. Inadequate pedestrian clearance time may have been a contributing factor.
- 2. Given the prevalence of pedestrians with disabilities in the study area, the designer should consider the appropriateness of additional measures to protect pedestrians at signalized crossings, including, but not limited to, audible pedestrian signals and pedestrian countdown indications.
- 3. Designer should ensure that vehicle clearance times are appropriately timed along the Belmont Street corridor based on 85th percentile speed data. RSA team members noted that travel speeds may increase along the corridor as result of the proposed widening of the travel lanes and addition of a shoulder.
- 4. The current design plans include interconnection between the traffic signals at Manley Street and the VA Main Driveway. The designer should evaluate signal offsets that discourage travel speeds above the posted speed limit.
- 5. The RSA noted that the portion of Belmont Street east of the VA Main Driveway will be reconstructed as part of a separate phase of construction. It was discussed that the design team is currently evaluating ways to transition the proposed widened cross-section along Belmont Street between Manley Street and the VA Main Driveway to match with the existing cross-section east of the VA Main Driveway during the interim period.

Intersection #1. Belmont Street (Route 123)/Manley Street/FedEx Driveway

Observations:

The intersection of Belmont Street (Route 123)/Manley Street/FedEx Driveway is ranked #15 according to MassDOT's *Top 200 High Crash Intersection Locations 2006-2008* in Massachusetts. From January 2008 through December 2010, 30 crashes were reported at this intersection location, of which 15 (or 50%) were angle type. Of the 30 crashes at this intersection, 13 (or 43%) resulted in personal injury; no fatalities were reported during this time period.

The following details the observations made by the RSA team at this location:

Intersection Geometry

The intersection of Belmont Street (Route 123)/Manley Street/FedEx Driveway is a four-way signalized intersection. The Belmont Street eastbound and westbound approaches each consist of two multipurpose travel lanes; no dedicated turning lanes are provided. The traffic signal phasing provides a Belmont Street westbound lead phase to allow for protected left-turns onto Manley Street; followed by permitted phasing for eastbound and westbound Belmont Street; and then a lag phase for Belmont Street eastbound to allow for protected lefts onto FedEx Driveway.



Looking southbound on FedEx Driveway - skewed alignment

Manley Street intersects Belmont Street from the south at an acute angle and consists of one wide northbound travel lane that often functions as two lanes at the intersection approach. The FedEx Driveway southbound approach intersects Belmont Street approximately 40 feet east of Manley Street resulting in a skewed alignment between the northbound and southbound approaches. The FedEx Driveway southbound approach consists of one multi-purpose lane. The Manley Street northbound and FedEx Driveway southbound approaches operate on the same signal phase with permitted turns.

According to the crash records, ten rear-end crashes occurred along Belmont Street eastbound and westbound of which six resulted in personal injury. Given the lack of dedicated turning lanes, combined with drainage conditions and fairly moderate 85th percentile travel speeds along Belmont Street, these crashes may have been the result of motorists traveling along Belmont Street having to unexpectedly stop for a second vehicle traveling in the same direction waiting to make a left-turn.

Similarly, three angle crashes and one head-on crash occurred at this location involving left-turns into the FedEx Driveway and vehicles traveling through along Belmont Street westbound. These crashes may be the result of the double threat (when a vehicle traveling in the opposing inside lane stops to allow the left-turn and a second motorist traveling in the outside lane, not seeing the turning vehicle, continues traveling through) and/or motorist confusion over when to make the turn safely.

RSA team members also noted an offset in the alignment along Belmont Street eastbound; the curb alignment along the south side of the roadway to the east of Manley Street is shifted several feet north of the curb line west of Manley Street.

In addition, RSA team members noted that large vehicles including tractor trailers (and fire trucks) often travel through the intersection and have difficulty staying within their lane when making turns onto Manley Street. In particular, trucks have difficultly making a right turn onto Manley Street due to the acute angle at the intersection. One crash reported at the



Offset alignment along Belmont Street eastbound.

intersection (sideswipe same direction) involved a vehicle driving underneath the trailer section of a tractor trailer that was attempting to make a right-turn onto Manley Street. RSA team members noted that the stone wall at the southwest corner of intersection is crushed and that vehicles often need to either use both lanes along Belmont Street eastbound and/or use the Manley Street northbound travel lane to make a right turn onto Manley Street. According to the crash records, one crash was also reported involving a vehicle backing up at the Manley Street northbound approach to make room for a truck making a wide right turn.

Access Management

The RSA team made the following observations with respect to access management at the intersection:

<u>Mobil Gas Station (southwest corner)</u> – The Mobil Gas Station is currently provided with three curb cuts, including one on Belmont Street approximately 125 feet upstream of Manley Street; a second curb cut on Belmont Street only approximately 25 feet upstream of Manley Street; and a third curb cut on Manley Street approximately 100 feet south of Belmont Street.

Given the proximity to Route 24, RSA team members noted that the gas station experiences a moderate amount of pass-by traffic from Route 24 resulting in left-turn demand from the gas station back towards the Route 24 ramps. According to the crash records, seven angle crashes

were reported involving motorists attempting to make a left-turn out of the Mobil gas station, across three to four lanes of traffic, with vehicles traveling along Belmont Street eastbound. Of the seven crashes, three resulted in personal injury.

Quality Inn (northwest corner) – The access driveway to the Quality Inn along Belmont Street is approximately 50 to 70 feet in width resulting in potential conflicts between vehicles and pedestrians walking along the north side of Belmont Street and those walking between the Quality Inn and the intersection.

Vacant Building (northeast corner) – The parcel located at the northeast corner of the intersection is currently occupied by a vacant building and is provided with three access driveways, including two on FedEx Driveway and



Wide curb cut on Belmont Street serving Quality Inn.

one on Belmont Street. One of the curb cuts on FedEx Driveway is only approximately 20 feet north of the intersection with Belmont Street, which could potentially cause vehicular conflicts between vehicles exiting the site and vehicles turning into/out of FedEx Driveway.

Design-Specific Comments:

The RSA team noted the following with respect to the proposed 25% Design Plans:

- 1. The current design proposes to increase the radius at the southwest corner of the intersection to facilitate right turns from Belmont Street eastbound onto Manley Street. The designer should ensure that a WB-50 can adequately make this maneuver.
- 2. A pedestrian crossing is currently provided on the west side of the intersection and the proposed design would move this to the east side of the intersection. The designer noted that the crosswalk was moved to the east side due to the relocation of the northwest and southwest corners of the intersection. Since the proposed design includes an exclusive pedestrian phase, the RSA questioned whether it would be feasible to also maintain a crosswalk along the west side of the intersection. Maintaining the crosswalk along the west side of the intersection may potentially be facilitated by reducing the size of the curb cut on Belmont Street to the Quality Inn.

- 3. The current design proposes an exclusive pedestrian phase. The RSA team noted the potential for vehicular pedestrian conflicts without turn restrictions during the pedestrian phase.
- 4. The current design proposes to provide an exclusive left-turn lane and a shared left-turn /through lane for the Manley Street northbound approach. RSA team members questioned whether a double left-turn lane was warranted. If so, the designer should also ensure that a WB-50 can make the left-turn onto Belmont Street westbound from both lanes.
- 5. The current design for the intersection proposes to maintain the 2 existing curb cuts providing access to the Mobil Gas station. RSA team members questioned whether a median island along Belmont Street could be installed to physically preclude left-turn into and out of the gas station, while encouraging access/egress to the gas station via the traffic signal at Manley Street. However, the team noted concern over providing fuel truck access to the storage tanks and the limited cross-section/right-of-way along Belmont Street which may preclude installation of a median island. Alternately, the team suggested: closure of the curb cut closest to the intersection and left-turn restrictions out of the gas station onto Belmont Street through signage and/or installation of forced right-turn islands.
- 6. The RSA team noted that two new car dealerships are proposed to open on Manley Street and West Chestnut in the future. Designer should consider potential changes in traffic volumes and patterns.
- 7. The propose design currently calls for protected and permitted left-turn phasing at the Belmont Street eastbound and westbound approaches. As RSA team member noted that protected phasing would provide the safest alternative.
- 8. The RSA team discussed the potential of narrowing the Quality Inn curb cut on Belmont Street to improve pedestrian safety; however, the team also discussed whether vehicular access to the Quality Inn could be relocated entirely to FedEx Driveway. Since a portion of the FedEx Driveway is believed to be a private way, relocation of the driveway would require coordination with the property owners and the designer, facilitated by the City. The designer should discuss the feasibility and appropriateness of relocating the Quality Inn Driveway to FedEx Driveway with the City.
- Consider the feasibility, and appropriateness, of consolidating the three curb cuts
 providing access to the vacant building located on the northeast corner of the intersection.
 Specifically, the curb cut on FedEx Driveway, closest to Belmont Street, and the curb cut
 on Belmont Street.

Intersection #2. Belmont Street (Route 123)/VA Main Driveway/Belmont Court

Observations:

The intersection of Belmont Street (Route 123)/VA Main Driveway/Belmont Court is ranked #178 according to MassDOT's *Top 200 High Crash Intersection Locations 2006-2008* in Massachusetts. From January 2008 through December 2010, 23 crashes were reported at this intersection location, of which 10 (or 43%) were angle type, 5 (or 22%) were rear-end type, and one crash involved a pedestrian. Of the 23 crashes at this intersection, 12 (or 52%) resulted in personal injury; no fatalities were reported during this time period.

The RSA team made the following observations with respect to intersection geometry, sight distance, and traffic signal control placement at this intersection location:

Intersection Geometry

The VA Main Driveway consists of one travel lane in each direction, separated by an approximately 50 foot wide landscaped median, in the vicinity of the intersection. Due to the separation of the VA Main Driveway, the Belmont Court entrance and exit lanes are similarly split by the presence of a divider island in an effort to line up the northbound and southbound approaches. The separation of the northbound and southbound lanes results in a very wide (approximately 150 feet) intersection along Belmont Street, which requires longer pedestrian



Median islands on side streets result in wide intersection along Belmont Street.

and vehicular clearance times. Inadequate clearance intervals may have contributed to some to the crash experience at this intersection.

Similar to Intersection #1, dedicated turning lanes are not provided along Belmont Street at this intersection location, nor is protected phasing, which may have also contributed to the crash history at this location. RSA team members noted that motorists traveling eastbound on Belmont Street destined for the Belmont West Apartments often make right turns into the VA Main Driveway and then make a u-turn to utilize the traffic signal at the VA Main Driveway northbound approach rather than making a left directly from Belmont Street. Similarly, motorists traveling westbound along Belmont Street use the traffic signal at the Belmont Court southbound

approach to avoid making a left-turn turn into the VA Main Driveway directly from Belmont Street. RSA team members noted that motorists destined for Belmont West Apartments also cut through the VA Hospital property via West Chestnut Street to take advantage of the traffic signal rather than making a left-turn from Belmont Street.



Large turnaround area at VA Main Driveway

RSA team members also noted a large turnaround located between the VA Main Driveway northbound and southbound travel lanes. According to RSA team members; this area is used by snow removal trucks to turnaround so they do not need to go out onto Belmont Street and also by BAT buses. The excess pavement surrounding the turnaround area may add to drive confusion at the intersection approach; while, no crashes were reported at this intersection involving the turnaround area, they may have gone unreported since it is on private property.

Sight Distance

An RSA team member noted that the traffic signal controller cabinet located on the northwest corner of the intersection limits sight distance to the west of the intersection. In addition, the median island on Belmont Court limits sight distance between vehicles traveling along Belmont Street westbound and vehicles making a right turn from Belmont Court southbound.

Traffic Control Equipment Placement

No overhead vehicle indications are currently provided at any of the intersection approaches making it difficult for motorists to have two signal indications within the cone of vision at all times. The Manual on Uniform Traffic Control Devices (MUTCD) recommends that "the two signal faces required for each approach should be continuously visible to traffic approaching the traffic control signal".

Additionally, the RSA team noted that the signal post located on the north side



Unprotected signal post and limited sight lines at Belmont Court.

of the intersection adjacent to the median island is not protected. According to the crash records, two crashes involved single vehicles crashing into the signal post; one of the crashes resulted in personal injury.

Design-Specific Comments:

The RSA team noted the following with respect to the proposed 25% Design Plans:

- 1. The current design plans do not include provisions for dedicated left-turn lanes along Belmont Street. While traffic volumes may not warrant the installation of dedicated left-turn lanes, the RSA team noted that the designer should conduct a cost –benefit analysis for installing left-turn lanes taking into account the occurrence of personal injury crashes at this intersection location (12 or 52%). If dedicated turning lanes are deemed infeasible, the designer should at a minimum consider lead phasing be implemented to allow for protected lefts. Lead phasing would improve safety for left-turns and would also benefit the BAT buses which, according to RSA team members, are currently experiencing long delays when taking a left into the VA Hospital from Belmont Street
- 2. The current design proposes to maintain the wide intersection along Belmont Street. RSA team members noted that modifying the width of the VA Main Driveway would also require changes to Belmont Court to ensure that the northbound and southbound approaches are lined up. However, narrowing the intersection would result in operational benefits and reduce pedestrian crossing distances. If intersection width is maintained, the designer should ensure that vehicle and pedestrian clearance times are adequate.

Intersection #3. Belmont Street (Route 123)/VA Eastern Driveway

Observations:

The RSA team noted the following observations with respect to the intersection of Belmont Street (Route 123)/VA Eastern Driveway:

- Tree overgrowth along the sidewalk along the north side of Belmont Street.
- 2. A stone wall is currently located along the south side of Belmont Street on each side of the VA Eastern Driveway entrance. The currently proposed widening of Belmont Street on the south side of the roadway will push the travel lane closer to the stone wall, which may result in reduced sight lines for vehicles exiting the VA Eastern Driveway.



Stone wall along south side of Belmont Street.

Enhancements:

Trim overgrowth along the north side of the Belmont Street.

Consider the potential impacts of widening Belmont Street on sight distance for vehicles exiting the VA Eastern Driveway northbound approach.

Potential Safety Enhancements

Based on its observations and discussions, the RSA team identified the issues and possible enhancements that could improve safety along the segment of Belmont Street (Route 123) between Manley Street and the VA Eastern Driveway in Brockton, Massachusetts. Many of the enhancements identified during the RSA have already been evaluated as part of the design process, although further design work or consideration may be necessary to determine the feasibility of making some of the improvements.

Short-term enhancements include:

- Trim Overgrowth; and
- Work with land owners and City to improve snow removal along sidewalks.

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

- Improve access management;
- Improve bicycle accommodations;
- Improve drainage;
- Improve intersection geometry;
- Improve pavement and lane use markings;
- Improve pedestrian accommodations;
- Improve visibility of traffic signal indications; and
- Relocate obstructions.

Table 5 summarizes these safety issues, possible enhancements, estimated safety payoff, time frame, cost, and responsibility. Safety payoff estimates are based on engineering judgment and are categorized as low, medium, and high. The time frame is categorized as short-term (<1 year), mid-term (1 to 3 years), or long-term (typically >3 years). Long-term improvements are typically considered to be substantial improvements with an expected time frame for implementation greater than 3 years; however, if improvements to the study area are selected as an HSIP project, then redesign of the segment would be advertised for construction sooner. The costs are categorized as low (<\$10,000), medium (\$10,001 to \$50,000), or high (>\$50,000). It is the responsibility of MassDOT to ensure that the designer incorporates the relevant safety enhancements identified as part of this RSA. The RSA is intended to identify potential safety improvements that can be evaluated and included as part of the design process for the reconstruction. The short-term low-cost potential improvements could be considered by the responsible agency for implementation prior to reconstruction.

Road Safety Audit Belmont Street, Brockton Prepared by Howard/Stein-Hudson Associates, Inc.

Table 2. Summary of Potential Safety Enhancements

| | | Safety | Time | | | 6 |
|----------------------|--|--------|------------------|--------|----------------|----------------------------|
| Location | Safety Enhancement | Payoff | Frame | Cost | Responsibility | Status ² |
| | Widen roadway cross-section to provide wider travel lanes and shoulder to reduce motorists "shying" from the curbline and potentially reduce sideswipe crashes. | High | Long-term | High | • | Included in design |
| | Relocate utility poles away from curb line and roadway to eliminate conflicts with vehicles in the outside travel lanes. | High | Long-term | High | 1 | Included in design |
| | Install pedestrian signal indications along the east—west direction of Belmont Street at signalized intersections within the study area to allow for safe pedestrian crossing of the side streets. | Medium | Medium Long-term | High | 1 | Included in design |
| | Improve/reconstruct curb ramps and sidewalks within the study area to meet current ADA standards. | Low | Long-term | High | 1 | Included in design |
| Corridor-wide Issues | Improve drainage along Belmont Street within study area to reduce ponding and icing. | High | Long-term | High | 1 | Included in design |
| | Re-stripe and maintain durable pavement markings throughout the corridor. | Low | Short-term | Medium | 1 | Included in design |
| | Provide bicycle accommodations within the study area (e.g., 4-foot shoulder, bicycle detection at signals, signage, pavement markings, etc.) in accordance with the 2006 Project Development and Design Guide, as appropriate. | Medium | Long-term Medium | Medium | , | Included in design |
| | Install backplates on all signal heads facing east—west to reduce solar glare and improve visibility of signal indications. | Low | Long-term | Low | ı | Included in design |
| | Evaluate the feasibility of consolidating the BAT bus stop currently located along Belmont Street westbound approximately 200 feet in advance of the VA Main Driveway to allow for a longer merge distance. | Low | Short-term | Low | BAT | For on-going consideration |

Notes:
1. It is the responsibility of MassDOT to ensure that the designer incorporates the relevant safety enhancements identified as part of this RSA.
2. The designer shall ensure that all enhancements listed as "Included in Design" are designed per current MassDOT standards, as appropriate.

| Location | Safety Enhancement | Safety Payoff | Time Frame | Cost | Responsibility ¹ | Status ² |
|----------------------|--|------------------|------------------|--------|--------------------------------|--|
| | Ensure that pedestrian clearance intervals at signalized intersections in study area are adequate for slower pedestrians and those with disabilities. | High | Long-term | Low | Designer | Needs further evaluation in next submittal |
| | Given the prevalence of pedestrians with disabilities in the study area, consider the appropriateness of additional measures to protect pedestrians at signalized crossings, including, but not limited to, audible pedestrian signals and pedestrian countdown indications. | Medium | Medium Long-term | Medium | Designer | Needs further evaluation in next submittal |
| Corridor-wide Issues | Ensure vehicle clearances are appropriately timed along the Belmont Street corridor based on 85th percentile speed data and consider potential increases in future travel speeds that may result from proposed roadway widening. | High | Long-term | Low | Designer | Needs further evaluation in next submittal |
| (continued) | Evaluate traffic signal offsets that discourage travel speeds above the posted speed limit, while maintaining a good level of service in terms of capacity. | Low | Long-term | Low | Designer | Needs further evaluation in next submittal |
| | Continue to consider ways to transition the proposed widened cross-section along Belmont Street between Manley Street and the VA Main Driveway to match with the existing cross-section east of the VA Main Driveway during the interim period. | Medium | Medium Long-term | Low | Designer | Needs further evaluation in next submittal |
| | Work with adjacent land owners to improve snow clearing from curb ramps and sidewalks. | Low | Short-term | Low | City of Brockton. | For on-going consideration |
| | Continue to enforce travel speeds along Belmont Street within the study area. | Low | Long-term | Low | Brockton Police Department. | For on-going consideration |

Notes:
1. It is the responsibility of MassDOT to ensure that the designer incorporates the relevant safety enhancements identified as part of this RSA.
2. The designer shall ensure that all enhancements listed as "Included in Design" are designed per current MassDOT standards, as appropriate.

| Location | Safety Enhancement | Safety Payoff | Time Frame | Cost | Responsibility ¹ | Status ² |
|--|---|------------------|------------------|--------|-----------------------------|--|
| | Install left-turn pockets at the Belmont Street eastbound and westbound approaches to help reduce incidence of rear-end and angle type crashes. | High | Long-term | High | , | Included in design |
| | Reduce/eliminate offset in the curb alignment along the south side of Belmont Street eastbound. | High | Long-term | High | 1 | Included in design |
| | Increase radius at southwest corner of the intersection to facilitate right turns from Belmont Street eastbound onto Manley Street. Design will be pulling back this corner. | High | Long-term | High | 1 | Included in design |
| | Relocate/reconfigure FedEx Driveway southbound approach to reduce/eliminate skew in alignment where feasible. | High | Long-term | High | 1 | Included in design |
| Intersection #1: Belmont Street (Route 123)/Manley | Designer should ensure that a WB-50 can adequately make a right-turn onto Manley Street. | Medium | Medium Long-term | Low | Designer | Needs further evaluation in next submittal |
| Street/FedEx Driveway | Consider the feasibility of narrowing the Quality Inn curb cut on Belmont Street to improve pedestrian safety. | Low | Long-term | Low | Designer | Needs further evaluation in next submittal |
| | Consider the feasibility of maintaining a pedestrian crossing across the western leg of the intersection in addition to the proposed crosswalk across the eastern leg. | Medium | Long-term | Medium | Designer | Needs further evaluation in next submittal |
| | Consider the feasibility/appropriateness of prohibiting right turns on red during the proposed exclusive pedestrian phase. | Medium | Long-term | Low | Designer | Needs further evaluation in next submittal |
| | Designer should ensure that a WB-50 can adequately make a left-tum from both of the proposed left tum lanes on Manley Street, assuming that both lanes are warranted. Consider future demand from proposed car dealerships. | Medium | Long-term | Low | Designer | Needs further evaluation in next submittal |

Notes:
1. It is the responsibility of MassDOT to ensure that the designer incorporates the relevant safety enhancements identified as part of this RSA.
2. The designer shall ensure that all enhancements listed as "Included in Design" are designed per current MassDOT standards, as appropriate.

Road Safety Audit Belmont Street, Brockton Prepared by Howard/Stein-Hudson Associates, Inc.

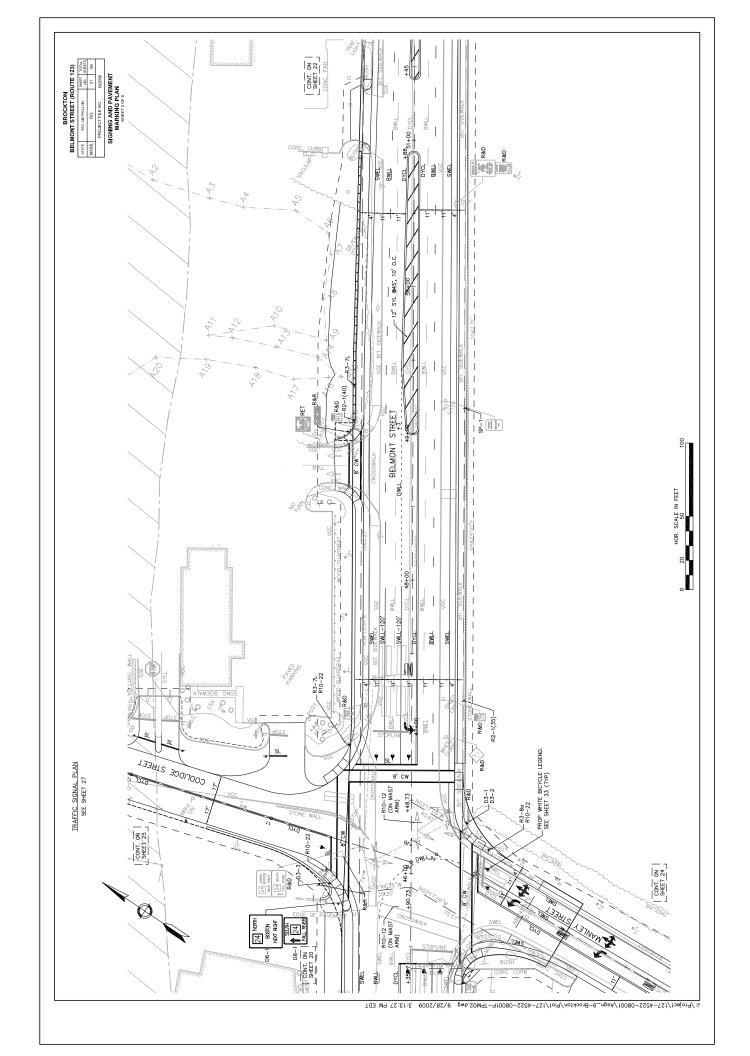
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| Location | Safety Enhancement | Payoff | Frame | Cost | Responsibility ¹ | Status ² |
| | Consider the feasibility, and appropriateness, of consolidating the three curb cuts providing access to the vacant building located on the northeast corner of the intersection to improve access management. Specifically, the curb cut on FedEx Driveway, closest to Belmont Street, and the curb cut on Belmont Street. | Low | Long-term | Low | Designer /City of Brockton | Needs further evaluation in next submittal |
| Intersection #1: Belmont Street (Route 123)/Manley | Designer to evaluate feasibility of limiting/restricting left- turns from the Mobil Gas Station onto Belmont Street and encourage access/egress via Manley Street (e.g., median, forced right-turn island, signage, etc.). Consider impacts on fuel truck access and right -of-way. | High | Long-term Medium | Medium | Designer | Needs further evaluation in next submittal |
| Driveway (continued) | Driveway (continued) protected only left-turn phasing at the Belmont Street eastbound and westbound approaches. | Medium | Medium Long-term Medium | Medium | Designer | Needs further evaluation in next submittal |
| | Approach land owners of Quality Inn and FedEx Driveway to determine the feasibility and appropriateness of relocating Quality Inn Driveway to the FedEx Driveway to improve access management along Belmont Street. | High | Long-term Medium | Medium | City of Brockton/ Designer | Needs further evaluation in next submittal or for on-going consideration by City |

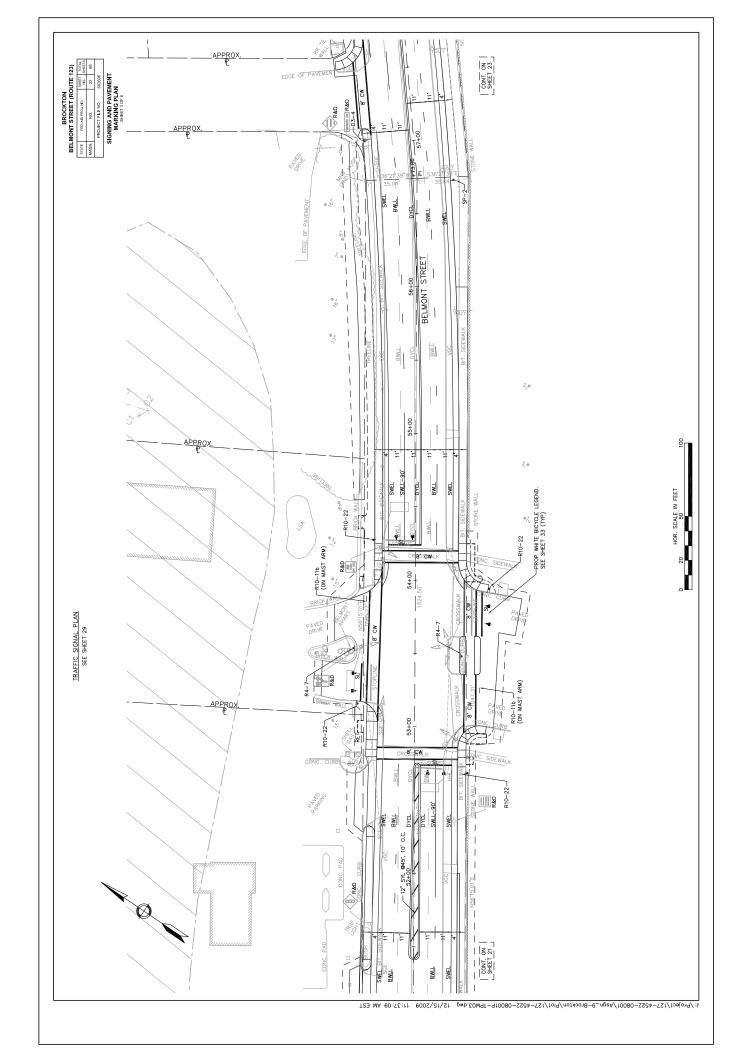
| Location | Safety Enhancement | Safety Payoff | Time Frame | Cost | Responsibility ¹ | Status ² |
|--|--|------------------|----------------|-------------------|-----------------------------|--|
| | Relocate traffic signal control cabinet, currently located on the northwest corner of the intersection, to improve sight lines to the west of the intersection. | Гом | Long- term | Mediu m | ı | Included in design |
| | Install overhead traffic signal indications to improve visibility. | High | Long- term | High | 1 | Included in design |
| Intersection #2: | Designer to evaluate the cost vs. safety benefits, or pros/cons, of providing dedicated left-turn lanes at the Belmont Street approaches. Consider new traffic volume data collected by OCPC. | High | Long- term | High | Designer | Needs further evaluation in |
| Bernont Street (Route 123)/VA Main Driveway/Belmont Court | If dedicated turning lanes are deemed infeasible, designer should at a minimum consider lead phasing be implemented to allow for protected lefts. | | | | | next submittal |
| | Evaluate the feasibility of the reducing the width of the intersection along Belmont Street by narrowing median. Consider operational benefits and reduced pedestrian crossing distances. | - - | Long- | | Designer | Needs further |
| | If intersection width is maintained, designer should ensure that vehicle and pedestrian clearance times are adequate and evaluate the appropriateness of reducing sight distance limitations caused by the median island on Belmont Court. | = : : : | term | = D) = - | //A Hospital | evaluation in next submittal |
| Intersection #3: | Trim overgrowth along the north side of the Belmont Street. | Low | Short- term | Low | ı | Included in Design |
| Driveway | Consider the potential impacts of widening Belmont Street on sight distance for vehicles exiting the VA East Driveway northbound approach. | Medium | Long- term | Low | Designer | Needs further evaluation in next submittal |
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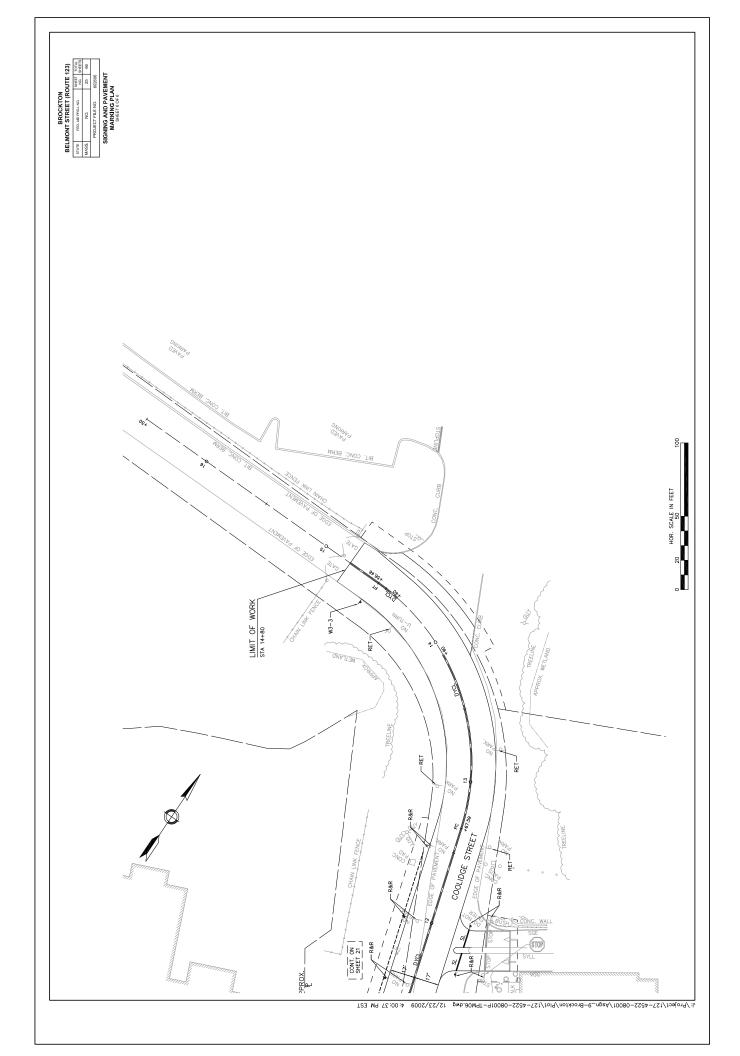
Notes:
1. It is the responsibility of the MassDOT to ensure that the designer incorporates the relevant safety enhancements identified as part of this RSA.
2. The designer shall ensure that all enhancements listed as "Included in Design" are designed per current MassDOT standards, as appropriate.

Road Safety Audit Belmont Street, Brockton Prepared by Howard/Stein-Hudson Associates, Inc.

Appendix A. 25% Design Plans







BROCKTON BELMONT STREET (ROUTE 123)

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| | PROJECT FILE NO. | 602606 | |

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| | TEXT | BELMONT ST | MANLEY ST | COCUPPE ST | EDINBORO AVE |
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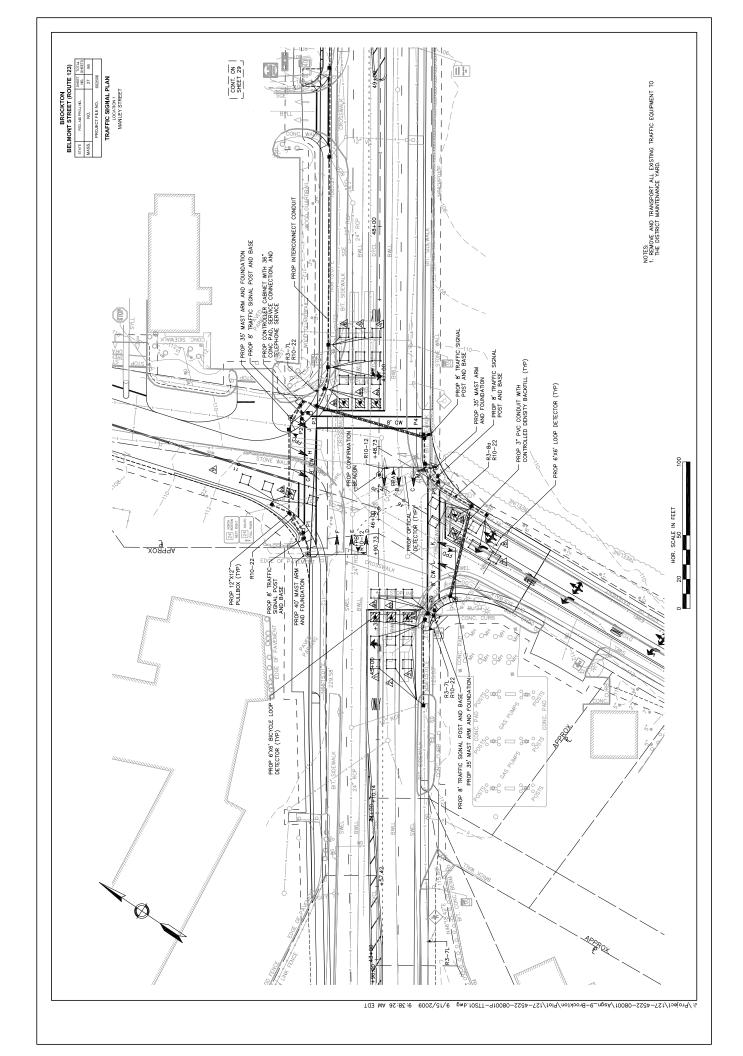
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BELMONT STREET (ROUTE 123)

FED. AID PROJ. NO. NO. PROJECT FILE NO. TRAFFIC TIMING PLAN

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ITEM 816.1 MAJOR ITEMS REQUIRED

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1. IF THE ASSIGNED RICHT OF WAY FOR ANY TRAFFIC MOVEMENT IS TO REMAIN IN EFFECT DURING THE NEXT CALLED PHASE, THE SIGNALL MOICATIONS FOR THAT TRAFFIC MOVEMENT WILL NOT CHANGE DURING THE CLEARANCE INTERVAL.

TRAFFIC SIGNAL NOTES

2. IF THE ASSIGNED RIGHT OF WAY FOR ANY TRAFFIC MOVEMENT IS TO CHANGE DURING THE NEXT CALLED PHASE, THE SIGNAL INDICATIONS FOR THAT TRAFFIC MOVEMENT WILL DISALLY THE APPROPRIATE CLEARANGE INTERVALS.

 THE SIGNAL SHALL PROVIDE STOP AND GO OPERATION 24 HOURS A DAY. FLASHING OPERATION SHALL BE FOR EMERGENCY ONLY. 4. A SEPARATE CONDUCTOR SHALL BE PROVIDED TO POWER THE BEACON. THE CONTROLLER SHALL OPERATE UNDER STANDARD NEMA DUAL RING CONFIGURATION.

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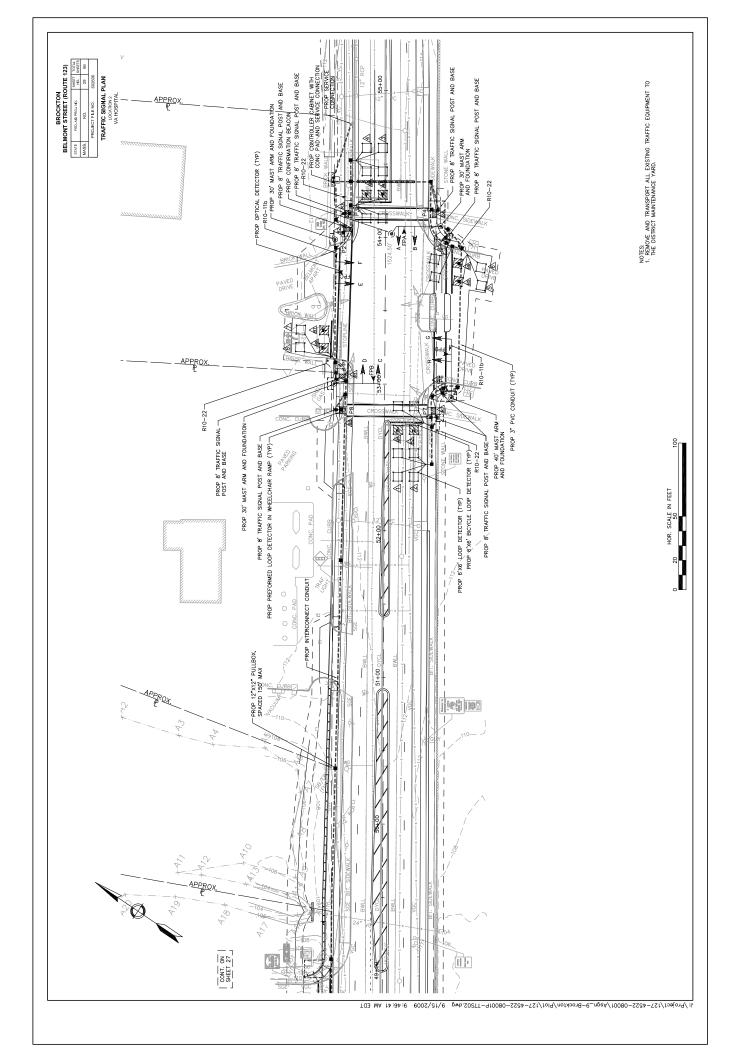
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- SIGNAL HEADS SHALL BE LED TYPE WITH 5" LOUVERED BACK PLATES.
 - PEDESTRIAN HOUSINGS SHALL BE LED INTERNATIONAL SYMBOLS WITH 12" FULL OVERLAY LENS.



SIGNAL PHASING AND TIMING CHART - FULLY ACTUATED, COORDINATED

BELMONT STREET (ROUTE 123)

FED. AID PROJ. NO.

TRAFFIC TIMING PLAN

ITEM 816.2 MAJOR ITEMS REQUIRED

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TRAFFIC SIGNAL NOTES

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- 2 IF THE ASSIGNED RIGHT OF WAY FOR ANY TRAFFIC MOVEMENT IS TO CHANGE DURING THE NEXT CALLED PHASE, THE GSMAL, INDICATIONS FOR THAT TRAFFIC MOVEMENT WILL DISPLAY THE APPROPERATE CLEARANCE INTERVALS.
 - THE SIGNAL SHALL PROVIDE STOP AND GO OPERATION 24 HOURS A DAY. FLASHING OPERATION SHALL BE FOR EMERGENCY ONLY.
- 4. A SEPARATE CONDUCTOR SHALL BE PROVIDED TO POMER THE BEACON. 5. THE CONTROLLER SHALL OPERATE UNDER STANDARD NEMA DUAL RING CONFIGURATION.

SIGNAL HEAD DATA

PREFERENTIAL PHASE SEQUENCE ø3 (PED)** △-----95 44

PERMISSIVE MOVEMENT DETECTED MOVEMENT EXCLUSIVE PED PHASE UPON ACTUATION ONLY

FIRE PREEMPTION OPERATION

VEHICLE PHASE ASSIGN 95 90 8 40

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(E) (O)

12" FULL OVERLAY

FPA FPB FPC FPO

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÷ **+**

М 7

> LOCATION: A.B.C.D E.F.H.G

LOCATION:

PRE-EMPTION PHASING PRIORITY MOVEMENT

- 1. PREDIPTION OPERATION UTILIZES AVAILABLE PHASES IN 8 PHASE
 THAT HEROPOLITIE AND THE WAS THE PROPERMENT OF EFFECT PHEPOPORANTE
 THE PREDIPTION PHASING AND PROPERT OF AREA SHALL BE
 OPTICALLY—TRANSMITED BY OPTICAL EMITTERS MOUNTED IN
 A THE INTERCORNAL LEE SERVICED ON A PROBRIM SIGNAL
 A THE INTERCORNAL LEE SERVICED ON A PROBRIM SECTIONS
 (I.M. RESPONS) TO A RECEIVED BY OPTICAL DETECTORS LOCATED
 THE STORY OF THE SERVICED ON A PROBRIM SA FOLLOWS
 (I.M. RESPONS) TO A RESERVED OF AN INTERSECTION
 BY OPTICAL DETECTOR FAX (FPB, FPC, OR FPD) THE CONTROLLES
 OF WITH PREMEMPTON PHASE A GREEN FOR A MININTUM OF TIRK (10) SECONDS
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 OF WHITH PREMEMPTON SHOUSE CARSANCE (YELLOW AND ALL RED)
 THE PREEMPTON PHASE A GREEN FOR A MININTUM OF TIRK (10) SECONDS
 OF SECONDS OF

LOOP DETECTOR DATA

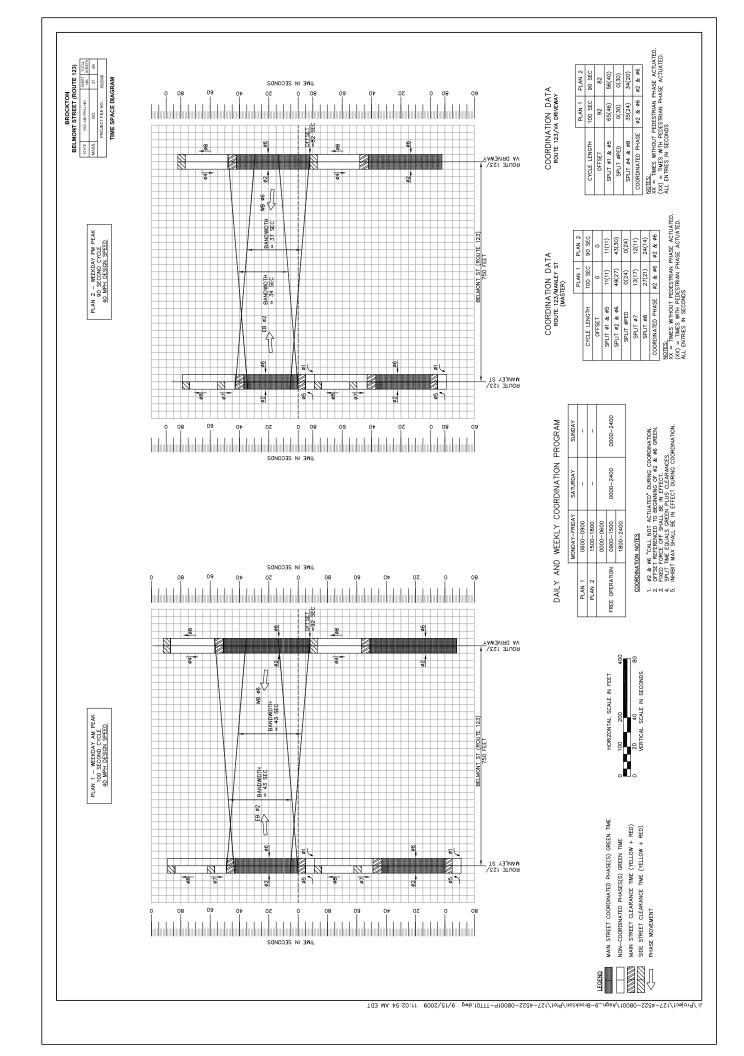
PLUS ALL MISCELLANEOUS EQUIPMENT AND MATERIAL NECESSARY TO PROVIDE A COMPLETE OPERATING TRAFFIC CONTROL SIGNAL

| | EXT. PHASE | \$2 | \$2 | 9ø | 9¢ | 88 | 8ø | 94 | 94 | \$2 | \$2 | 9¢ | 9¢ | 88 | 88 | 40 | 44 | \$3 | 20 | \$3 | \$3 | 63 | 63 | 83 | 83 |
|---|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | SPLICE | SERIES | BICYCLE TYPE D-2 | SERIES |
| | CALL | \$2 | \$2 | 9¢ | 90 | 88 | 8ø | 94 | 94 | \$2 | \$2 | 946 | 9ø | 848 | 88 | 44 | 94 | 63 | 63 | \$3 | 63 | 63 | 63 | 63 | 63 |
| - | CALL EXTENSION (SEC.) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| á | CALL DELAY (SEC.) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | MODE OF OPERATION | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE | PRESENCE |
| | NO. OF TURNS | ю | 3 | 3 | ю | ъ | 2 | 3 | 3 | BICYCLE TYPE D-2 | ю | 3 | 3 | 3 | 3 | 3 | ю | 2 |
| | NO.SECTION/ SIZE | 3 - 6' × 6' | 3 - 6' X 6' | 3 - 6' X 6' | 3 - 6' × 6' | 2 - 6' X 6' | 2 - 6' X 6' | 1 - 6' X 6' | 1 - 6' × 6' | 1 - 6' × 6' | 1 - 6' X 6' | 1 - 6' × 6' | 1 - 6' X 6' | 1 - 6' × 6' | 1 - 6' X 6' | 1 – 6' × 6' | 1 - 6' X 6' | 1 - PREFORMED |
| | DETECTOR NO. | ⊲ | ₩ | ⊗ | 4 | 8 | 8 | \forall | @ | ₩ | ₩ | ₩ | ₩ | ₩ | ₩ | ₩ | ₩ | ₩ | ₩ | ₩ | ₩ | 4 | ₩ | ₩ | ₩ |

∠R = PREFORMED LOOP IN CONCRETE WHEELCHAIR RAMP

NOTES:

- SIGNAL HEADS SHALL BE LED TYPE WITH 5" LOUVERED BACK PLATES.
 PEDESTRIAN HOUSINGS SHALL BE LED INTERNATIONAL SYMBOLS WITH 12" FULL OVERLAY LENS.



Appendix B. RSA Meeting Agenda



Road Safety Audit Brockton

Belmont Street between Manley St – VA Hospital

Meeting Location: Old Colony Planning Council 70 School Street, Brockton, MA Wednesday, March 2nd, 2011 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

11:00 AM

Visit the Site

- Drive to the area of Belmont Street between Manley Street and VA Hospital
- As a group, identify areas for improvement

11:30 AM

Post Visit Discussion / Completion of RSA

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

12:00 noon

Adjourn for the Day – but the RSA has not ended

Instructions for Participants:

- Before attending the RSA on march 2nd, participants are encouraged to drive through the 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 C. RSA Audit Team Contact List

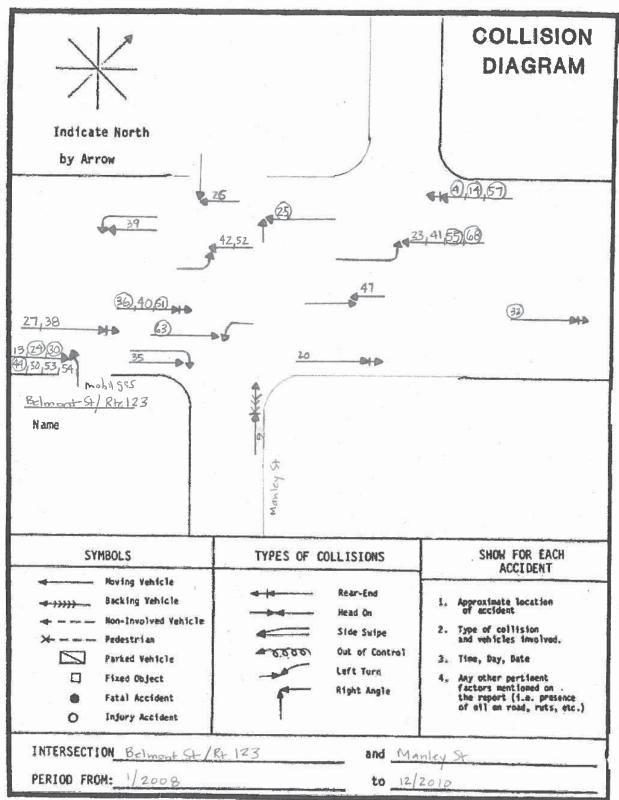
Participating Audit Team Members Location: Old Colony Planning Council, 70 School Street, Brockton, MA

Date: Wednesday, March 2, 2011 Location: Old Colo

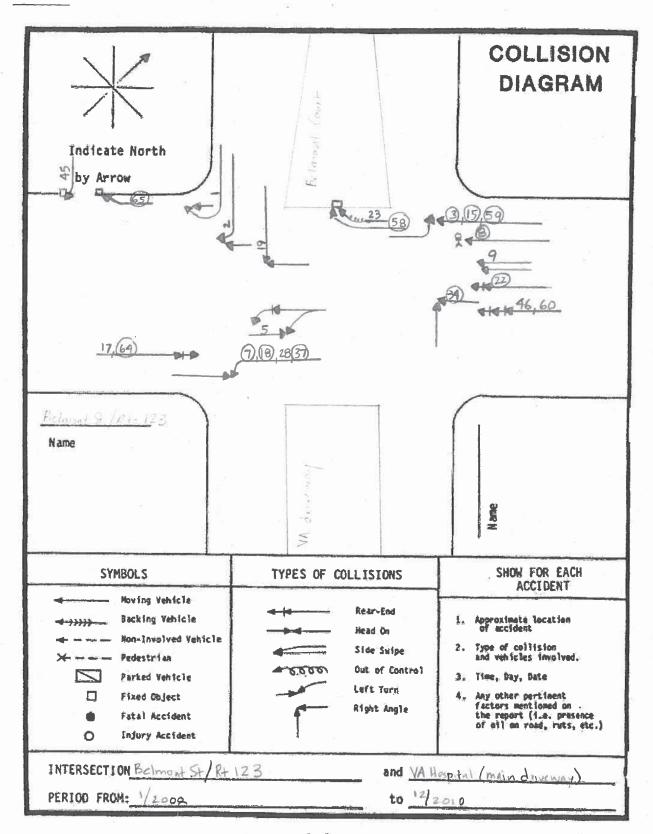
| (() | | | |
|---------------------------|-----------------------------|------------------------------|--------------|
| Audit Team Members | Agency/Affiliation | E-mail Address | Phone Number |
| Howard Newton | Brockton Engineering | | |
| Jacques Borge | Brockton Engineering | | |
| Captain McCabe | Brockton Police Department | LMcCabe@brocktonpolice.com | |
| Lieutenant Mills | Brockton Police Department | DMills@brocktonpolice.com | |
| Mike Thoreson | Brockton DPW | MThoreson@cobma.us | |
| Elaine Czaja | Brockton DPW | ECzaja@cobma.us | |
| Jeff Gillpatrick | Brockton Fire Department | jgillpatrick@cobma.us | |
| Peter Tupper | Brockton Fire Department | ptupper@cobma.us | |
| Jass Stewart | Brockton City Council | jass@JassStewart.com | |
| George Riddell | Brockton Area Transit | griddell@rideBAT.com | |
| Jeffrey Thibeault | Belmont West Apartments | JTbone38@comcast.net | |
| Janet Cassidy | Belmont West Apartments | Belmont@churchillforge.com | |
| Jim Hoyle | FHWA | Jim.hoyle@dot.gov | |
| Dave Shedd | MassDOT | David.Shedd@state.ma.us | |
| Alex Duggan | MassDOT Projects | alex.duggan@state.ma.us | |
| Barbara Lachance | MassDOT District 5 Traffic | barbara.lachance@state.ma.us | |
| Bill Travers | MassDOT District 5 Projects | Bill.Travers@state.ma.us | |
| Edward C. Feeney | MassDOT District 5 Traffic | Edward.Feeney@state.ma.us | |
| Peter A. Lopez | VA Boston Healthcare | Peter.lopez@va.gov | |
| Brian Ackley | Tetra Tech | Brian.ackley@tetratech.com | |
| Charles Kilmer | Old Colony Planning Council | ckilmer@ocpcrpa.org | |
| Bill McNulty | Old Colony Planning Council | wmcnulty@ocpcrpa.org | |
| Rodrigo Marion | Old Colony Planning Council | rmarion@ocpcrpa.org | |
| Ray Guarino | Old Colony Planning Council | rguarino@ocpcrpa.org | |
| Pat Ciaramella | Old Colony Planning Council | pciaramella@ocpcrpa.org | |
| | - | | |

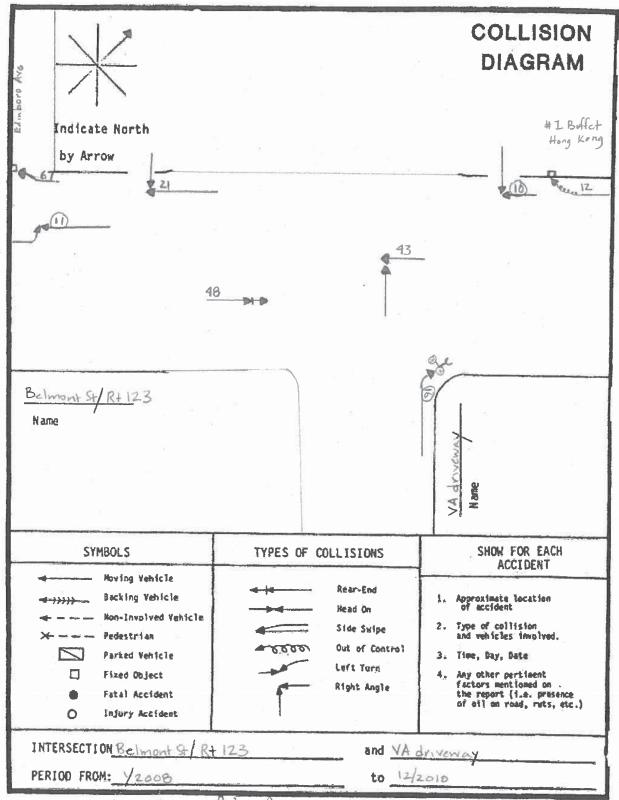
| Audit Team Members | Agency/Affiliation | E-mail Address | Phone Number |
|--------------------|---|------------------------------|----------------|
| Bonnie Polin | MassDOT Highway Division Safety Section | bonnie.polin@state.ma.us | (617) 973-7991 |
| Lisa Schletzbaum | MassDOT Highway Division Safety Section | lisa.schletzbaum@state.ma.us | (617) 973-7685 |
| Dave Matton | Howard/Stein-Hudson Associates | dmatton@hshassoc.com | (617) 482-7080 |
| Joe SanClemente | Howard/Stein-Hudson Associates | js@hshassoc.com | (617) 482-7080 |

Appendix D. Detailed Crash Data



Soura: Brockers Police Depta-6





source Brockton Police Dana-6

Crash Data Summary Table Intersection of Belmont Street and VA Hospital; Brockton, MA 1/2008 - 12/2010

| | | | | | | | H | 70 | |
|-----------|--|----------------------------|----------------------------|------------------------------|--|----------|-------|--------------|---|
| | Type | Type | Type | Dyne | Type | 10 | D2 D3 | 4 | |
| 4:20 PM | Sideswipe, same direction | Dawn | Clear | | Made an improper tum | 69 | 50 | | Operator turned very wide while attempting to go into the Shell station |
| 7:48 AM | | ht | Clear | Dry | Unknown Ealled to vield to right of way | 23 | 41 | \perp | |
| 10:00 AM | Rear-end | Daylight | Rain | | Followed too closely | 56 | 59 | | |
| 10:04 DM | | Davioht | , and de | | No Improper Driving | 39 | 47 53 | 17 | Rear-end crash that ended up causing an angle cras |
| 7.40 DM | | | | | | 23 | | | Incident report with detailed narrative - vehicle backed into another vehicle while making room for a truck turning into Manley - then left the scene |
| .57 PM | Angle | Daylight | Clear | Dry | Unknown | 77 | 46 | Ц | , |
| 7:50 PM | Single Vehicle Crash | Dark - lighted roadway | Rain | Wet | No Improper Driving | 2 8 | 28 | \perp | Struck pedestrian pushing wheelchair during rain |
| 3:40 PM | Angle | Daylight | Kain | | Eatled to vield to right of way | 38 | 43 | | Exiting Number One Buffet |
| 7:54 PM | Angle | Dark - lighted roadway | Clear | Div | Failed to yield to right of way | 33 | 64 | | |
| 1000 | | 41-17 | 200 | | Failure to keep in proper lane or | 74 | | | Vehicle had a fire blow out and hit utility note |
| 5.44 AM | icle Crasn | Daylight | Clear | 200 | Falled to vield to right of way | 38 | 28 | | Exiting Mobil Gas Station |
| 02 AM | , | Dark - lighted roadway | Rain | | Followed too closely | 33 | 46 | | Bad road conditions due to heavy rain & wind |
| 7:58 PM | | Dark - lighted roadway | Rain | | Falled to yield to right of way | 52 | 59 | \prod | 1111 |
| 2:42 PM | | Daylight | Clear | Dry | Inattention | 25 | 05 | | Trition of one of the vehicles was unlicensed |
| 11:28 AM | Rear-end | Daylight | Claude | | No Improper Driving | 10 | 8 25 | | |
| 2:52 PM | Single Vehicle Crash | Daylight | Cloudy | Drv | Other improper action | 62 | 46 | | Vehicle failed to stop at red light |
| 7.54 AM | Reactend | Davight | Steet, Hail, Freezing Rain | | No Improper Driving | 20 | 51 | | Roadway surface was slick due to freezing rain |
| -54 PM | Apole | Dark - lighted roadway | Clear | | Inattention | 33 | 22 | | Exiting Best Gas |
| 11:54 AM | Pu | Daylight | Cloudy | | Cellular telephone | 71 | 34 | | |
| 5:58 PM | hicle Crash | Dark - lighted roadway | Snow | Snow | Driving too fast for conditions | 22 | | | Vehicle slid due to snow and hit signal pole |
| 2:16 PM | | Daylight | Cloudy | | Visibility Obstructed | 8 | 21 | | 4 |
| 3:25 AM | | Dayight | Cloudy | Wet | Unknown | 25 | 32 | Ţ | Both parties stated that they had the green light |
| 3:16 PM | | Dark - lighted roadway | Clear | 200 | Falled to yield to right of way | 3 5 | 38 | | Exturing Chamity IIII |
| 138 PM | Kear-end | Dark - Robbed madway | Clear | West | Failed to vield to right of way | 28 | 40 | | |
| 3-51 AM | Sideswine same direction | Davight | Clear | Sand, mud, dirt, oil, gravel | Falled to yield to right of way | 20 | 41 | | In front of 940 Belmont St. but not sure where |
| 2:09 PM | Angle | Daylight | Cloudy | Dry | eld to right of v | 22 | . 09 | | |
| 1:02 PM | Rear-end | Daylight | Clear | Dry | Followed too closely | 17 | 25 | 1 | In front of 940 Belmont St. but not sure where |
| 12:40 084 | Cidecuine came direction | teilvec | Spirot | Wet | Followed too closely | 28 | 32 | | Venicles stopped due to anomer venicle trying to turn into KFC |
| 9:30 AM | Rear-end | Daylight | Clear | Dry | Failed to yield to right of way | 33 | 22 | | One driver may have been talking on cell phone |
| 10:46 AM | Angle | Daylight | Rain | Wet | Unknown | 57 | 20 | \downarrow | Both operators adamant that they had green light |
| 0-14 DM | Sideswine came direction | Daviont | Rain | Wet | Fallure to keep in proper lane or running off road | 44 | 23 | | as tractor trailer was trying to turn right |
| 4:59 PM | | Daylight | Clear | Dry | Unknown | 20 | 33 | | |
| 3:28 PM | Angle | | Cloudy | Wet | Failed to yield to right of way | 25 | 31 | 1 | |
| 8:59 PM | Rear-end | Dark - roadway not lighted | Clear | Dry | Followed too closely | <u>8</u> | 28 | | Operators foot slipped off the brake pad |
| 00.00 | | westpean better | real | Ē | Failed to vield to right of way | 3,1 | 48 | | One vehicle cut across the other vehicles lane of travel while attempting to turn into Mobil |
| 11:02 AM | Rearend | Davight | Rain | Wet | Inattention | unk | 1 29 | , | |
| 7:48 AM | Head on | Daylight | Clear | Dry | Made an improper turn | 59 | 23 | | |
| | | | | | Disregarded traffic signs, signals, | | | | Operator was trying to make a U-tum and struck |
| 6:16 PM | | Dark - lighted roadway | Clear | Wet | road markings | 788 | 24 | | anomer venicie in tre process |
| 6:02 PM | Angle | Dark - roadway not lighted | Clear | Dry | Falled to vield to right of way | 99 | 35 | _ | |
| 10:35 AM | | Davight | Clear | ě | Other improper action | 57 | | | Struck a pole white pulling out of Shell Gas |
| 4:52 PM | Rear-end | Daylight | Clear | Wet | Other improper action | 28 | 45 | | |
| 3:54 PM | Sideswipe, opposite direction | Daylight | Clear | Dry | Unknown | 59 | 38 | 1 | |
| 3:31 PM | Rear-end | Daylight | Clear | امر | Chowed too closely | 200 | A.F. | 1 | In front of 940 Reimont St. but not sure where |
| 5.24 PM | Sideswipe, same direction | Daylott | Clear | 200 | Failed to yield to right of way | 30 | 19 | 1 | |
| 1-42 DM | Regrend | Davight | Clear | | Inattention | 37 | 37 | Ļ | |
| 6:52 AM | Angle | Daylight | Clear | Dry | Failed to yield to right of way | 19 | 44 | | Attempting to turn into Quality Inn |
| 9:02 AM | Rear-end | Daylight | Clear | | No Improper Driving | 40 | 58 | | |
| 7:58 AM | Angle | Daylight | Clear | | Inattention | 39 | 55 | _ | |
| 0.60 | - | | | č | Failure to keep in proper lane or | 26 | 85 | | |
| 8:47 AM | Sideswipe, same direction | Davight | Clear | Δv | Inattention | 56 | 31 | | in front of 940 Belmont St. but not sure where |
| 4:19 PM | Rear-end | Dusk | Cloudy | Dry | Physical Impairment | 31 | 40 | | Operator had a sudden blinding migraine attack |
| 17 PM | Single Vehicle Crash | Daylight | Cloudy | Dry | Inattention | 38 | | | Operator struck a signal light |
| :41 PM | Rear-end | Daylight | Cloudy | Dry | Falled to yield to right of way | 70 | 19 | 1 | |
| :00 PM | Rear-end | Dusk | Clear | Dry | Inattention | 20 | 26 70 | 1 | to force of 0.40 Balmont St. had not made subsequent |
| .26 PM | Rear-end | Daylight | Clear | Dry | mattention | S | | 1 | In front of 940 Belmont St. but not sure where - bus |
| 4:21 PM | Sideswine same direction | Dusk | .1 | | No Improper Driving | | _ | | |
| | The second secon | | Lan | | the majoritation of the same o | 40 | nuk | | sideswiped by van |

| 11/24/10 | 64 11/24/10 Wertnesday 4.46 PM Reacend | 4.46 PM | Rear-end | Dusk | Clear | Ž. | Swerving or avoiding due to wind, slippery surface, vehicle, object, non-motorist in roadway, etc. | 56 | 82 | |
|-------------|--|---------|--|------------------------|-------|-----|--|----|----|---|
| | | | | | | | | | , | Operator claims that he swerved to avoid a vehicle changing lanes and struck a pole. Other operator |
| 65 11/30/10 | Tuesday | 6:51 PM | 6:51 PM Single Vehicle Crash | Dark - lighted roadway | Clear | Dry | Exceeded authorized speed limit | 22 | _ | claims that she didn't change lanes. |
| 12/1/10 | ١, | 3.04 PM | ١ | Daviont | Rain | Wet | No Improper Driving | 22 | 49 | In front of 940 Belmont St. but not sure where |
| | | | | | | | | | | Operator swerved to avoid car entering traffic from |
| 67 12/8/10 | Wadnasday | R-47 PM | Wednesday 8-47 PM Single Vehicle Crash | Dark - Jighted roadway | Clear | Dry | No Improper Driving | 52 | | Edinboro Ave. and in doing so hit a telephone pole |
| | | | | | | | | | | Officer noted that the light cycle at this intersection is |
| 68 12/9/10 | Thursday 5:56 AM | 5:56 AM | Anale | Dawn | Clear | Dry | Unknown | 43 | 26 | poorly timed |

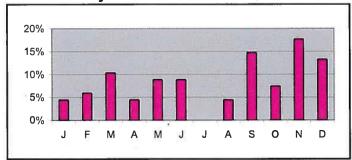
Unable to map Incident Reports

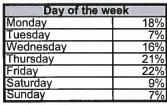
| 2/13/2007 | Tuesday | 10:56 AM | No report filed |
|------------|-----------|----------|--|
| 3/3/2008 | Monday | 10:20 AM | Vehicle cut off by another vehicle & sideswiped pole |
| 3/3/2008 | Monday | 11:35 AM | Two car crash by Best Gas - paper exchange |
| 3/5/2008 | Wednesday | 10:25 AM | Two car crash - paper exchange |
| 3/22/2008 | Saturday | 12:05 PM | No personal injury |
| 3/26/2008 | Wednesday | 11:37 AM | Minor crash by Mobil - paper exchange |
| 4/9/2008 | Wednesday | 3:37 PM | No personal injury - paper exchange |
| 5/19/2008 | Monday | 3.44 PM | No personal injury - paper exchange |
| 7/15/2008 | Tuesday | 3:04 PM | No personal injury - rear end crash by Santilli's |
| 8/20/2008 | Wednesday | 3.44 PM | No report filed |
| 8/25/2008 | Monday | 12:41 PM | No report filed - no personal injury |
| 10/17/2008 | Friday | 3:27 AM | Two car crash by Quality Inn |
| 4/3/2009 | Friday | 3:38 PM | Two car crash - no personal injury |
| 5/6/2009 | Wednesday | 2:10 PM | No report filed - no personal injury |
| 7/30/2009 | Thursday | 8:08 AM | No report filed |
| 10/12/2009 | Monday | 12:23 PM | Minor crash by Shell - paper exchange |
| 11/22/2009 | Sunday | 1:57 PM | Minor crash by Shell - paper exchange |
| 12/8/2009 | Tuesday | 9:00 AM | No crash found |
| 12/29/2009 | Tuesday | 5:35 PM | No personal injury - paper exchange |
| 1/4/2010 | Monday | 3:54 PM | Handled by state police |
| 1/6/2010 | Wednesday | 5:31 PM | Operator cut off and then crashed - by Bay State Gas |
| 1/13/2010 | Wednesday | 6:10 PM | Two car crash - no personal injury |
| 1/25/2010 | Monday | 1:33 PM | Handled by VA police |
| 2/5/2010 | Friday | 11:09 AM | Handled by state police |
| 3/2/2010 | Tuesday | 11:20 AM | No personal mjury - paper exchange |
| 3/12/2010 | Friday | 9:58 AM | No report filed - paper exchange |
| 3/25/2010 | Thursday | 9:57 AM | Handled by state police |
| 5/5/2010 | Wednesday | 1:22 PM | Handled by state police |
| 5/7/2010 | Friday | 9:21 AM | Two car crash - no personal injury |
| 5/17/2010 | Monday | 12:58 PM | No report filed - paper exchange |
| 6/4/2010 | Friday | 12:09 PM | No report filed - paper exchange |
| 6/22/2010 | Tuesday | 2:56 PM | Matter settled |
| 6/23/2010 | Wednesday | 4:01 PM | No personal injury - paper exchange |
| 6/24/2010 | Thursday | 2:05 PM | Two car crash - no personal injury |
| 6/28/2010 | Monday | 5:09 PM | No report filed - paper exchange |
| 7/27/2010 | Tuesday | 7:49 AM | Handled by state police |

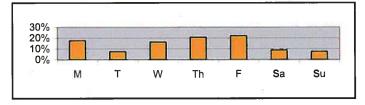
7/27/2010 Tuesday 7:49 AM Handled by state police
Summary based on Crash Reports obtained from the Brockton Police Department

Crash Data Summary Tables and Charts

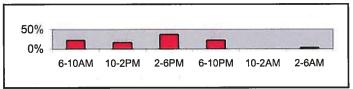
| | Month |
|------------------|-----------------|
| J | 4% 6% 10% |
| - | 6% |
| M | 10% |
| A M | 4% |
| | 9% |
| J J A S | 4% 9% 9% |
| J | 0% |
| A | 4% |
| S | 15% |
| 0 | 15% 7% |
| Ň | 18% |
| D | 13% |



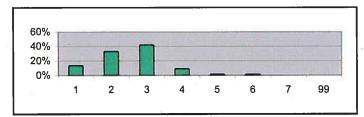




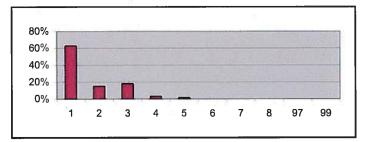
| Time of Da | y |
|---------------|-----|
| 6 AM to 10 AM | 22% |
| 10 AM to 2 PM | 16% |
| 2 PM to 6 PM | 37% |
| 6 PM to 10 PM | 22% |
| 10 PM to 2 AM | 0% |
| 2 AM to 6 AM | 3% |



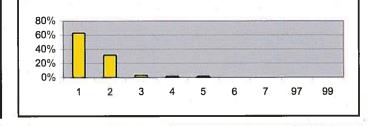
| Manner of Coll | |
|----------------------|-----|
| Single Vehicle Crash | 13% |
| Rear-end | 33% |
| Angle | 42% |
| Sideswipe, same dire | 9% |
| Sideswipe, opposite | 1% |
| Head on | 1% |
| Rear to Rear | 0% |
| Unknown | 0% |



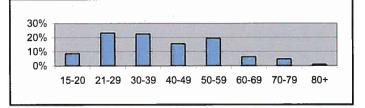
| Weather Cond | ition |
|-----------------------|-------|
| Clear | 63% |
| Cloudy | 15% |
| Rain | 18% |
| Snow | 3% |
| Sleet, Hail, Freezing | 1% |
| Fog, Smog, Smoke | 0% |
| Severe Crosswinds | 0% |
| Blowing sand, snow | 0% |
| Other | 0% |
| Unknown | 0% |



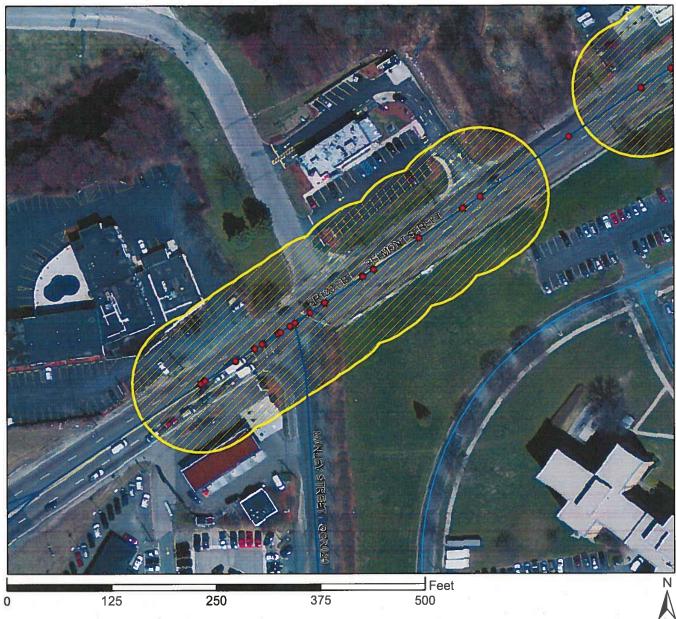
| Road Surfac | e |
|-------------------------|-----|
| Dry | 63% |
| Wet | 31% |
| Snow | 3% |
| Ice | 1% |
| Sand, mud, dirt, oil, g | 1% |
| Water (standing, mov | 0% |
| Slush | 0% |
| Other | 0% |
| Unknown | 0% |



| | Driver Ages |
|-------|-------------|
| 15-20 | 8% |
| 21-29 | 23% |
| 30-39 | 22% |
| 40-49 | 15% |
| 50-59 | 19% |
| 60-69 | 6% |
| 70-79 | 5% |
| 80+ | 1% |



Top Crash Intersections 2006-2008



BROCKTON

BELMONT STREET

ROUTE 123

MANLEY STREET

MassDOT District 5 RPA OCPC **EPDO 207** Number of Fatal Crashes 0 Number of Injury Crashes 35 Number of Non-Injury Crashes 32 Total Crashes 67

Legend

RANK 15

Crash Locations 2006-2008

Local Roads



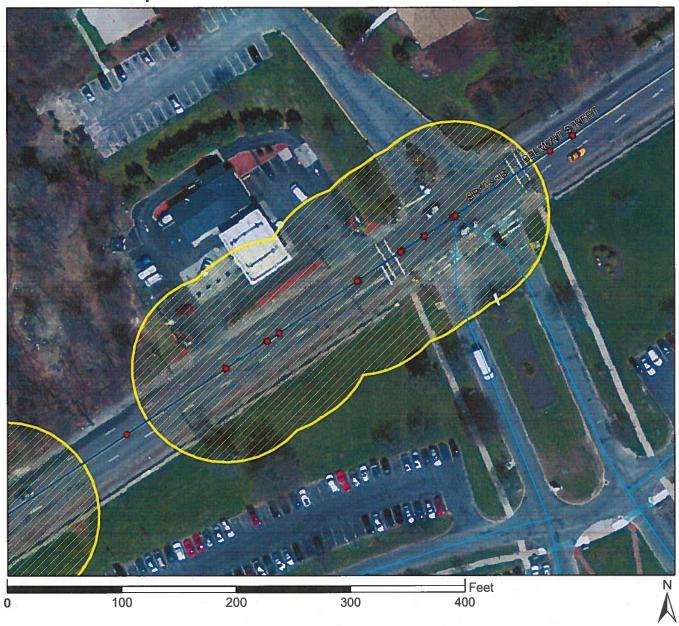
All Functional Classification Except Local Roads



Top Crash Intersections



Top Crash Intersections 2006-2008



BROCKTON

BELMONT STREET VA HOSPITAL

ROUTE 123

MassDOT District 5
RPA OCPC
EPDO 112
Number of Fatal Crashes 0
Number of Injury Crashes 17
Number of Non-Injury Crashes 27
Total Crashes 44

Legend

RANK

178

Crash Locations 2006-2008

// Local Roads

✓ All Functional Classification Except Local Roads





Appendix E. Additional Information



THE COMMONWEALTH OF MASSACHUSEUTS DEPARTMENT OF BUBLIC WORKS

SPECIAL SPEED REGULATION NUMBER 393

Highway Location:

ATTLEBORO, HORTON, EASTON AND

BROCKTON

Authority in Control:

COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS

Name of Highway:

Attleboro - State Highway - Route 123
Norton - State Highway - Route 123
Easton - State Highway - Route 123
Brockton - State Highway - Route 123

In accordance with the provisions of Section 13 of Chapter 90 of the General Laws (Ter. Ed.) the following Special Speed Regulation is hereby promulgated.

Special Speed Regulation number 27 dated April 3, 1951 is hereby amended by striking out the Regulation in its entirety and Special Speed Regulation number 132 dated March 26, 1957 is hereby amended by striking out all clauses in the Towns of Norton and Haston and the clauses in the City of Brockton west of the City.

The following designated speed limits are established at which mater vehicles may be operated in the areas described.

EASTDOUGD

Baginning in Attleboro at the beginning of Stale highway, thence easterly on Route 123

0.75 miles at 45 miles sex hour to the Norton town line.

Thence easterly in Norton

0.67 miles at 45 miles per hour-

0.64 " " 45 " "

0.27 " 40 " " 70.28 " " 35 " " "

State highway in Morton.

ending at the end o

And beginning again in Easton 195 feet east of the junction of Route 138, thence easterly in Easton

0.78 miles at 45 miles per hour to the Brockton city

Thence easterly in Brockton

0.21 miles at 45 miles per hour

1.37 " " 40 " " " " (Pav. 10-17-70)
0.27 " " 35 " " " (Pav. 10-17-70)

highway west of the city, the total distance being 6.68 miles.

WESTBOURD

line. -

Beginning in Brockton 202 feet west of the beginning of State highway west of city, thence westerly in Brockton

0.25 miles at 35 miles per hours (10-12-10)

0.21 " " 45 " " to the Easton town line.

Thence westerly in Easton

0.69 miles at 45 miles per hour ending at Station 36465.

And beginning again in Morton at the beginning of State highway, thence westerly in Norton

to the At leborn town

line.

Thence westerly in Attleboro

of State highway in Attleboro, the total distance being 6.57 miles.

Operation of a motor vehicle at a rate of speed in excess of these limits shall be prima facie evidence that such speed is greater than is reasonable and proper.

The provisions of this regulation shall not, however, abrogate in any sense, Section 14 of Chapter 90.

The Department of Public Works and the Registrar of Motor Vehicles, acting jointly do hereby certify in writing, that this regulation is consistent with the public interest.

Standard signs must be erected at the beginning of each zone.

FOR THE DEPARTMENT

DATE: November 15, 1967

BY: Edward J Ribbs kk
EDWARD J. RIBBS
Commissioner

Richard E. McLaughlin Registrar of Motor Vehicles

for Bighway Engineering

mu Cantone THE COMPRENETY OF MASSACHUSETTS

DEPARTMENT OF PUBLIC WORKS

SPICIFL SOMED REGULATION NO. 393 A

Highway Location:

BROCKTON

Authority in Control:

COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS

Name of Highway:

Brockton-State Highway-Route 123

In accordance with the provisions of Section 18 of Chapter 90 of the General Laws (for, Ed.) the following Special Speed Regulation is hereby promulgated

Special Speed Regulation number 393 dated November 15, 1967 is hereby amended in Lrockton as follows:

The following designated speed limits are established at which motor vehicles may be operated in the areas described.

EASTEOUND - Brookton

By striking out the clause reading

1.37 miles at 40 miles per hour n n 35 H

0,27

And inserting is whereof

1.00 miles at 40 miles per hour 0.41 " " 35 "

WESTEOUND - TOOP TO

By striking out the clause reading

0.23 miles at 35 miles per hour

H H 40 H 1.37

And inserting in place thereof

0.40 miles at 35 miles per hour

1,23 " " 40 "

Operation of a motor vehicle at a rate of speed in excess of these limits shall be prima facie evidence that such is greater than is reasonable and proper.

The provisions of this regulation shall not, however, abrogate in any sense, Section 14 of Chapter 90.

Wis Downtiment of Public Works and the Registrar of Motor Vehicles, acking jointly do hereby certify in writing, that this regulation is consistent with the public interest.

Standard signs must be erected at the beginning of each zone.

FOR THE DEPARTMENT

DATE: November 6, 1970

BY: Edward J. Ribbs kk

EDWARD J. RIBES
COMMISSIONER

for Highway Engineering

Richard E. McLaughlin Registrar of Motor Vehicles Station ID:
Site Code: 44
Date Start: 29-Jul-09
Date End: 30-Jul-09
Belmont St (123), west of Linwood St

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

Old Colony
70 Sc
Brockte
508

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

| verage | 'n | 180 | 8 | 70 | \$ 5 | 40 | 26 | 134 | 295 | 612 | 702 | 765 | 864 | 757 | #07 803 | 750 | 707 | SES | 6 | 852 | 676 | 55.0 | 465 | 373 | 302 | 222 | 11965 | - | | 202 | 16:00 | 800 | 200 | 1 |
|-----------|------|----------|-------|-------|-----------|--|---|--------------|-------|---|-------|----------|-------|--|---|--|-------|---|----------|--|-------|---------------------|-------|--------------|-------|----------|-------|-------|---------|------|---------|------|------|-------|
| Week An | WB | 00 | 200 | | 1. | 40 | 92 | 244 | 457 | 621 | 909 | 888 | 690 | 754 | 896 | 854 | 707 | 808 | 900 | 828 828 | 637 | 515 | 446 | 386 | 256 | 180 | 11786 | 23751 | 11.00 | 754 | 12:00 | 808 | 8 | |
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| חב | | | ď | | 3 | | S | | | | | | | | 802 | S. | | | | -20 | | | | | | | 12 | 72 | 08:00 | 85 | 16:00 | 91 | | 01010 |
| | WB | 26 | 89 | 42 | 23 | 000 | 200 | 233 | 462 | 635 | 627 | 629 | 688 | 747 | 973 | 861 | 823 | 816 | 856 | 824 | 647 | 535 | 474 | 413 | 267 | 165 | 12025 | 24272 | 11:00 | 747 | 12:00 | 973 | | |
| wed | EB | 161 | 101 | 89 | 52 | 27 | 5 6 | 25. | 281 | 612 | 759 | 726 | 627 | 730 | 801 | 727 | 789 | 848 | 864 | 818 | 672 | 529 | 443 | 354 | 301 | 231 | 11681 | 53 | 08:00 | 759 | 16:00 | 864 | | 00000 |
| | WB | 101 | 92 | 47 | 26 | 04 | 25.0 | 407 | 452 | 607 | 585 | 634 | 691 | 260 | 818 | 841 | 765 | 296 | 262 | 831 | 627 | 495 | 418 | 358 | 242 | 194 | 11542 | 23223 | 11:00 | 760 | 13:00 | 841 | | |
| | EB | * | * | * | * | * | * | 5. + 3. + | k | * | * | * | * | * | * | * | * | ** | * | * | * | * | * | * | * | * | 0 | | | | | | | < |
| en le | WB | * | * | * | *. | * | ** | | * ; | * · · · · · · · · · · · · · · · · · · · | * | * | * | | | * | * | *. | * | * | * | * | * | * | * . | *. | 0 | 0 | | | | | | |
| | B | * | * | * | | * | (A) | . 4 | k ' | * | * : | <u></u> | * | | + | * | * | 1 2 1 1 1 | * | | * | | * | * | * | | 0 | | | | | | | c |
| 80-Inc-/2 | WB | ¥ | | * | | * | * | . • | | • | * | *, | * . | 新了公 | * | * | * | · | * | * | * ; | * | * | * | • 1 | | 0 | 0 | | | | | | |
| Time | lime | 12:00 AM | 01:00 | 05:00 | 03:00 | 04:00 | 02:00 | 000 | 00:00 | 07:00 | 08:00 | 00:60 | 10:00 | 11:00 | 12:00 PM | 01:00 | 05:00 | 03:00 | 04:00 | 02:00 | 00:90 | 02:00 | 08:00 | 00:00 | 10:00 | 11:00 | Total | Day | AM Peak | Vol. | PM Peak | Vol. | Comb | , |

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 | 28-Jul-09 | 29-Jui-09 | 30-Jul-09 | 31-Jul-09 | 01-Aug-09 | 02-Aug-09 | Week |
|-------------------|---|------------------------------|----------------|-----------------|----------------------------|--|---|------------|
| | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Average |
| 12:00 AM 01:00 | Alteritare valentine | albaso ewo a | 262 | 257 | | The second section is a second | * * * * * * * * * * * * * * * * * * * | 260 |
| 02:00 | | | 177 | 152 | | | | 16 |
| 03:00 | our en tet/der¥ender | Version in diwindon | 115 108 | 103 93 | and the about | t namu. 🌡 o | | 109 |
| 04:00 | * 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | a in ejemine angrupen a ★ | 148 | 147 | * 120 G-1386/#414 0 | Cartanise Su is ∰al i i i | ************************************** | 100 |
| 05:00 | - 1-a-5-5@1-5. | . 1,200 ± 6€.000 | 387 | 369 | S 2. * > | · · · · · · · · · · · · · · · · · · · | | 148 |
| 06:00 | * | * | 733 | 771 | * | * | * | 378 752 |
| 07:00 | a norma e x ida | | 1219 | 1247 | . 1, 19 ± ★2 - | , y y . | * | 1233 |
| 08:00 | * | * | 1344 | 1451 | * | * | . * | 1398 |
| 09:00 | 한 성과 🌋 🤲 | 무역하다 26년 중인 공장 | 1360 | 1433 | 多点,2001. % 。2 | . · · · · · · · · · · · · · · · · · · · | * | 1396 |
| 10:00 | * | * | 1318 | 1388 | * | * | * | 1353 |
| 11:00 | · · · · · · · · · · · · · · · · · · · | * | fish katan | | a da aba ধ 🗀 | | * 88 | 1488 |
| 12:00 PM | * | * | 1619 | | * | * | * | 1697 |
| 01:00 | * | * * / | 1568 | 1649 | * : | *** | * | 1608 |
| 02:00 | * | * | 1554 | 1628 | * | * | * | 159 |
| 03:00 | | * 141 | 1644 | 1685 | The transfer of the second | 11 5 🔅 11 | | 1664 |
| 04:00 | * | * 800 | 544 (661) | 1771 | * | * | * 1 | 7.171 |
| 05:00 | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | 100 | 1649 | 1709 | * | *. | * | 1679 |
| 06:00 | * | * | 1299 | 1327 | | * | * | 1313 |
| 07:00 | | | 1024 | 1117 | | | * " > | 1070 |
| 08:00 | | National and American | 861 | 961 | * | * | * | 911 |
| 09:00 | | en aditi i in te | 712 | 805 | | * | * | 758 |
| 10:00 11:00 | | | 546 | 570 | * | | * | 558 |
| Total | 0 | 0 | 425 | 378 | | | | 402 |
| Percentage | 0.0% | 0.0% | 23223 97.8% | 24272 | 0 | 0 | 0 | 23746 |
| AM Peak | 0.070 | 0.076 | 11:00 | 102.2% 11:00 | 0.0% | 0.0% | 0.0% | 14:00 |
| Vol. | | | 1490 | 1486 | | | | 11:00 |
| ¥ 01. | | | 1430 | 1400 | | | | 1488 |
| PM Peak | | | 16:00 | 12:00 | | | | 16:00 |
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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

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| VVD | | | | | | | | | | | | | | | |
|----------|-----|-------------|----------|-----|------|------|------|------|------------|------------|------------------------|--------|-----------------|------------------------|------------|
| Start | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | |
| _Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | | 55 | | 65 | | 75 | 999 | Total |
| 07/29/09 | . 2 | C |) 1 | 1 | 5 | | | | 7 | 3 | | 70 | 7.0 | 999 | |
| 01:00 | | 30 m 4 20 C | 0 | 4 | 10 | | | | CA 2 1 1 5 | 11.17 | Salvana <mark>k</mark> | ാം പക് | - ಜನೀವ ಣ | | 101 76 |
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| 04:00 | 2 | 0 | 0 | 3 | 2 | 21 | 28 | | Q | 3 | 4 | 0. | 4 | <u> </u> | 56 |
| 05:00 | 5 | printer of | 2 | 0 | 18 | 35 | 87 | 67 | 30 | | Section 18 | , | | 20-20 East up 6 | 94 |
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| 07:00 | 29 | 0 | 0 | 12 | 78 | 194 | 176 | 83 | 26 | ģ | 3.486.346 | Š. | o o | | 452 607 |
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| 10:00 | 66 | 19 | 53 | 116 | 188 | | 68 | 12 | 0 | 0 | 0 | | | 0 | 634 |
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| 12 PM | 78 | 0 | 7 | 44 | 167 | 295 | 180 | 39 | 6 | | . 652420 | 0 | | | 760 |
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| 17:00 | 88 | ેેું મેં | # 55 4 4 | 21 | 128 | 283 | 226 | 70 | 7 | | | 0 | | | 797 |
| 18:00 | 60 | 2 | 0 | 15 | 85 | 180 | 179 | 79 | 23 | 1 | 1 | | 1 | | 831 627 |
| 19:00 | 23 | 100-110 M | 3 | 8 | 51 | 176 | 151 | 58 | 20 | | 7 de 1 | 0 | | | |
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| 22:00 | 6 | 1 | 1 | 4 | 28 | 72 | 86 | 35 | 9 | 3 | | | | | 358 |
| 23:00 | 4 | 0 | | a 3 | 24 | 68 | 56 | 28 | 8 | | | ň | | | 245 |
| Total | 928 | 44 | 121 | 560 | 1945 | 3601 | 2864 | 1094 | 298 | 73 | 11 | 0 | 2 | <u>∞.65, 5 ~ 0 0 5</u> | 11542 |
| | | | | | | | | 1004 | | 10 | 11 | U | | | 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%

23567

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 | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | |
| Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total |
| 07/30/09 | 2 | 0 | 0 | 1 | 11 | 29 | 32 | 13 | 7 | . 1 | · 1 | 0 | 0 | 0 | 97 |
| 01:00 | 0 | 0 | 1 | 0 | 5 | 28 | 21 | 7 | 2 | w/ - 3 | 원하다 사람 | 0 | 0 | 0 | 68 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | . 13 | 13 | 12 | 4 | 0 | 0 | . 0 | 0 | 0 | 42 |
| 03:00 | 0 | 0 | 0 | 0 | 3 | 8 | 16 | 14 | 7 | 3 | 0 | . 0 | 3332534 | 0 | 52 |
| 04:00 | 0 | 0 | 0 | 0 | 3 | 19 | 33 | 17 | 13 | 4 | 0 | 0 | 0 | 0 | 89 |
| 05:00 | C. 80 18 3 | 0 | 30000 | 2 | 8 | 44 | 84 | 62 | 23 | 7 | 3-11 | 0 | 0 | 0 | 235 |
| 06:00 | 20 | 0 | 1 | 10 | 43 | 106 | 138 | 98 | 39 | 5 | 2 | 0 | 0 | 0 | 462 |
| 07:00 | 55 | 0 | 4 | 21 | 88 | 183 | 177 | 85 | 18 | 3 | 0 | 37.394 | 0 | 0 | 635 |
| 08:00 | 57 | 0 | 3 | 14 | 85 | 203 | 169 | 79 | 15 | 1 | 1 | Ö | 0 | 0 | 627 |
| 09:00 | 64 | · · · . : : · · · · · · · · · · · · · · | 5 | 22 | 70 | 189 | 180 | 85 | 9 | 3 | 0 | 5 miles 1988 | 0 | 0 | 629 |
| 10:00 | 65 | 2 | 2 | 40 | 90 | 209 | 201 | 64 | 11 | 4 | 0 | 0 | 0 | 0 | 688 |
| 11:00 | 73 | 2 | 6 | 68 | 190 | 227 | 136 | 38 | 7 | 0 | 0 | 0 | 0 | 0 | 747 |
| 12 PM | 110 | 2 | 15 | 76 | 253 | 311 | 160 | 42 | 4 | 0 | 0 | Ô | 0 | Ó | 973 |
| 13:00 | 92 | 0 | 7 | 48 | 167 | 292 | 190 | 47 | 15 | 3 | 0 | 0 | 0 | 0 | 861 |
| 14:00 | 91 | 4 | 4 | 37 | 144 | 288 | 184 | 58 | 11 | 2 | Ö | Ö | 0 | 0 | 823 |
| 15:00 | 81 | 895 J | 2 | 16 | 128 | 234 | 238 | 90 | 21 | 4 | Ò | 0 | . 2502 - P | 0 | 816 |
| 16:00 | 86 | 2 | 15 | 31 | 121 | 285 | 223 | 68 | 21 | 3 | 1 | Ó | 0 | 0 | 856 |
| 17:00 | 97 | 0 | . 3 | 20 | 99 | 275 | 224 | 77 | 28 | | . 0 | 0 | Ô | and the colo | 824 |
| 18:00 | 48 | 2 | 8 | 8 | 43 | 192 | 218 | 94 | 29 | 5 | 0 | 0 | Ô | 0 | 647 |
| 19:00 | 23 | ***1 | 5 | 10 | 51 | 186 | 170 | 63 | 20 | 2 | 4 | 0 | 0 | 0 | 535 |
| 20:00 | 27 | 2 | 7 | 19 | 58 | 147 | 159 | . 44 | 10 | 1 | Ö | 0 | õ | 0 | 474 |
| 21:00 | 18 | 2 | 4 | 18 | 65 | 135 | 118 | 40 | 11 | | 0 | Ö | Ö | Ö | 413 |
| 22:00 | 16 | 1 | 0 | 6 | 39 | 91 | 82 | 22 | 8 | 1 | 1 | 0 | 0 | 0 | 267 |
| 23:00 | 7 | o | บ เรียดเรยที่ ส | 4 | 22 | 42 | 51 | 30 | 4 | | | ŏ | Ŏ. | ŏ | 165 |
| Total | 1035 | 22 | 94 | 471 | 1786 | | 3217 | 1249 | 337 | 60 | 14 | 2 | 2 | 0 | 12025 |

Daily

15th Percentile: 50th Percentile: 31 MPH 39 MPH

85th Percentile : 95th Percentile:

45 MPH 50 MPH

Mean Speed(Average) : 10 MPH Pace Speed : Number in Pace :

37 MPH 36-45 MPH 6953

Percent in Pace : Number of Vehicles > 40 MPH: 57.8%

Percent of Vehicles > 40 MPH:

215

4881

7337

6081

2343

635

133

25

2

4

66

40.6%

| Grand Total | |
|----------------|--|
| Overall | |

1963

15th Percentile: 50th Percentile: 85th Percentile : 95th Percentile:

1031

3731

31 MPH

39 MPH 45 MPH

50 MPH

Mean Speed(Average) : 10 MPH Pace Speed : Number in Pace :

37 MPH 36-45 MPH 13418 56.9%

Percent in Pace :

Number of Vehicles > 40 MPH: Percent of Vehicles > 40 MPH:

9224 39.1%

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

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| | |

| Start | 1 | | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | |
|----------|------|------------------|--------|-----|------------------|------|------|------|---------------------------|---|-------------------|-------------------|----------------|---------|---------------------------------------|--|
| Time | 15 | ; | 20 | 25 | 30 | 35 | | | | | | | | | 76 | |
| 07/29/09 | 5 | | 0 | 3 | 7 | 40 | | | | | | | | | 999 | |
| 01:00 | 3 | 3,000 | 0 | o o | 2 | 13 | | | | | 0 | | | 0 | . 0 | |
| 02:00 | . 1 | | . 0 | 0 | 0 | 16 | 9795 | | | W. CHOLDE | 0 | 0 | 0 | 0 | . 0 | 11.000000000000000000000000000000000000 |
| 03:00 | Ö | H299825 | 0 | 0 | `& 2 | 12 | 22 | | | | 0 | 0 | 0 | 0 | 0 | 68 |
| 04:00 | 1 | | 0 | Ô | 2 | 10 | 15 | | ercususu - d a | CONTRACTOR OF THE PARTY OF THE | 2-4-1-4-1-0 | other section D | September 1880 | 0 | 0 | |
| 05:00 | 4 | Walley. | 0 | 0 | 60 80 3 6 | 19 | 30 | 55 | 20 | indestalanta 🕺 | 0 | te de la Sastella | 0 | 0 | 0 | 54 |
| 06:00 | 20 | | 0 | 1 | 6 | 40 | 88 | | | 24 - 17 (2 (44) | Carlos V | 0 | 0 | | 0 | A STATE OF THE PARTY OF THE PAR |
| 07:00 | 65 | 内脑柱 | 31 T | 2 | 14 | 119 | | | | s en selve su <mark>s</mark> t | an Armail | 0 | 0 | 0 | 0 | 281 |
| 08:00 | 66 | | 1 | 3 | 44 | 207 | 299 | 118 | | - seriesconii | | , j | 30 | 0 | 0 | 612 |
| 09:00 | - 86 | S 355 | લ્લો હ | 3 | 55 | 219 | | 98 | | antibilitis, a val | o de la como | Ü | | 0 | 0 | 759 |
| 10:00 | 68 | | 2 | 3 | 50 | 240 | 215 | 47 | 2 | | 7200 HE 3210 | 1.25000.000 | 44,44,50 | 0 | Maria 440 | 726 |
| 11:00 | 95 | 新春田 | 2 | 12 | 105 | 249 | | 52 | - 6 | നേത്തെടുക് | | Santana Company | U | 0 | | 627 |
| 12 PM | 108 | | 2 | 10 | 75 | 270 | | 88 | | :::::::::::::::::::::::::::::::::::::: | 0 | | 0 | 0 | 0 | 730 |
| 13:00 | 110 | 6,450 | 10 | 7 | 63 | 246 | | 80 | an airc 8 | : : : : | ő | | ,0 | 0 | 0 | 80 |
| 14:00 | 130 | | 4 | 17 | 50 | 250 | | 70 | 13 | 7 (2) Q | 3.77.770 | Ü | 0 | 0 | 0 | 72 |
| 15:00 | 104 | | 6 | 8 | 74 | 260 | | 109 | | 13 3 3 3 A | | | 0 | 0 | 0 | 789 |
| 16:00 | 120 | | 3 | 5 | 92 | 282 | 259 | 86 | 16 | 4 | | | 0 | | . 0 | 848 |
| 17:00 | 113 | | 2 | 2 | 48 | 210 | 300 | 125 | 16 | 2012 | 0 | | . 0 | 0 | 0 | 864 |
| 18:00 | 68 | | 4 | 5 | 23 | 181 | 249 | 119 | 20 | 3 | | | | 0 | · · · · · · · · · · · · · · · · · · · | 818 |
| 19:00 | 42 | Griss de | 9 | 100 | 23 | 111 | 219 | 105 | 15 | 3 | : : : : : : : | Ö | | 0 | 0 | 672 |
| 20:00 | 38 | | 7 | 4 | 22 | 135 | 166 | 61 | 7 | | 4 | | 0 | 0.00000 | . 0 | 529 |
| 21:00 | 18 | 4.85 | 2 | 2 | 23 | 98 | 137 | 67 | 6 | et al aktore d a o | - 11 o - k | 0 | 0 | 0 | 0 | 443 |
| 22:00 | 21 | | 5 | 1 | 7 | 65 | 127 | 67 | 8 | | | | 0 | - 100 | 0 | 354 |
| 23:00 | 14 | <u>edidus jā</u> | ी ः | 0 | de 211 | 61 | 86 | 50 | 2. dia 5. 7 . | 4 | 0 | 0 | 0 | 0 | 0 | 301 |
| Total | 1300 | | 62 | 89 | 801 | 3353 | 4036 | 1746 | 263 | 28 | 3 | 0 | <u></u> | 0 | 0 | 231 |
| | | | | | | | 1000 | 1140 | 200 | 20 | | | 0 | 0_ | 0 | 11681 |

Daily

27 MPH 36 MPH 41 MPH 45 MPH 15th Percentile: 50th Percentile: 85th Percentile: 95th Percentile:

Mean Speed(Average):
10 MPH Pace Speed:
Number in Pace:
Percent in Pace:
Number of Vehicles > 40 MPH:
Percent of Vehicles > 40 MPH: 33 MPH 31-40 MPH 7389 63.3% 2040 17.5%

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 | 1 | 16 | 3 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | |
| Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total |
| 07/30/09 | 8 | | 0 (|) 4 | 39 | 60 | 43 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 160 |
| 01:00 | 4 | S5. 21 |) (| 0 | 16 | 42 | 17 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 84 |
| 02:00 | 0 | | 1 ' | 1 | 9 | 21 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| 03:00 | 1 | |) |) 1 | 10 | 16 | 9 | 3 | 0 | 40.4 | 0 | 0 | 0 | 0 | 41 |
| 04:00 | 2 | |) (| 1 | 14 | 16 | 13 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 58 |
| 05:00 | 9 | 100 |) (| 1 | 14 | 51 | 43 | 15 | 0 | 1 | 0 | 0 | 0 | 0 | 134 |
| 06:00 | 32 | | 3 3 | 6 | 50 | 112 | 77 | 23 | 2 | 1 | 0 | 0 | 0 | 0 | 309 |
| 07:00 | 63 | 1.01 | 1 3 | 3 33 | 96 | 271 | 123 | 19 | 3 | . 0 | 0 | 0 | 0 | 0 | 612 |
| 08:00 | 92 | |) 2 | 2 31 | 244 | 322 | 121 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 824 |
| 09:00 | 91 | 4. | 4 8 | 63 | 228 | 309 | 87 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 804 |
| 10:00 | 101 | | 2 1 | 39 | 205 | 275 | 66 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 700 |
| 11:00 | 100 | v. 31 344 | 2 10 | 94 | 294 | 183 | 51 | 5 | . 0 | 0 | 0 | 0 | 0 | 0 | 739 |
| 12 PM | 137 | | 1 16 | | 284 | 204 | 51 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 802 |
| 13:00 | 117 | 3 1 | 3 - 9 | 68 | 219 | 278 | 91 | . 2 | 1 | 0 | . 0 | 0 | 0 | 0 | 788 |
| 14:00 | 112 | | 9 9 | 89 | 239 | 253 | 83 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 805 |
| 15:00 | 124 | FW 123 | 10 - 31 6 | 70 | 270 | 271 | 102 | 21 | 3 | 1 | 0 | 0 | 0 | 0 | 869 |
| 16:00 | 113 | | 5 4 | 72 | 279 | 326 | 103 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 915 |
| 17:00 | 125 | 3.00 | 3 - 7 | 45 | 221 | 322 | 136 | 26 | 0 | 0 | 0 | 0 | 0 | . 0 | 885 |
| 18:00 | 75 | | 4 3 | 3 18 | 112 | 289 | 145 | 30 | 4 | 0 | 0 | 0 | 0 | 0 | 680 |
| 19:00 | 54 | | 3 3 | 4 | 111 | 264 | 119 | 19 | 2 | . 0 | . 0 | 0 | 0 | 0 | 582 |
| 20:00 | 39 | | 3 8 | 20 | 138 | 203 | 60 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 487 |
| 21:00 | 32 | 100 | 2 | 32 | 98 | 170 | 45 | 12 | 1. | 0 | 0 | . 0 | 0 | 0 | 392 |
| 22:00 | 22 | | 7 4 | 23 | 79 | 104 | 54 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 303 |
| 23:00 | 5 | | I many Last | 8 | 44 | 80 | 59 | 9 | 5 | . 0 | 0 | 0 | | 0 | 213 |
| Total | 1455 | 64 | 99 | 816 | 3313 | 4442 | 1722 | 294 | 38 | 4 | 0 | 0 | 0 | 0 | 12247 |

Daily

15th Percentile : 50th Percentile : 85th Percentile : 95th Percentile : 27 MPH 36 MPH 41 MPH 45 MPH

Mean Speed(Average) : 10 MPH Pace Speed : Number in Pace :

33 MPH 31-40 MPH 7755

Percent in Pace : Number of Vehicles > 40 MPH : Percent of Vehicles > 40 MPH : 7755 63.3% 2058

Percent of Vehicles > 40 MPH

2058 16.8%

| Total | 2755 | 126 | 188 | 1617 | 6666 | 8478 | 3468 | 557 | 66 | 7 | 0 | 0 | 0 | 0 | 23928 |
|-------|------|-----|-----|---------|------|------|------|-----|----|------|---|---|---|---|-------|
| Total | | | | 100,000 | | | | | | - 10 | | | | | |
| | | | | | | | | | | | | | | | |

Overall

15th Percentile : 50th Percentile : 85th Percentile : 95th Percentile : 27 MPH 36 MPH 41 MPH 45 MPH

Mean Speed(Average):
10 MPH Pace Speed:
Number in Pace:
Percent in Pace:

33 MPH 31-40 MPH 15144 63.3%

Number of Vehicles > 40 MPH: Percent of Vehicles > 40 MPH:

4098 17.1%

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 | |
|--------|--|
|--------|--|

| VVD, LL | | | | | | | | | | | | | | | |
|----------|---------------|--------------|-------------|------|------|------|-------|--------|----------------------|--|--|----------------|--|----------------|-------|
| Start | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | |
| _Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | | | | 75 | 999 | Total |
| 07/29/09 | 7 | 0 | 4 | 8 | 45 | 76 | | | 8 | | | 70 | 75 | | Total |
| 01:00 | 10 miles 1944 | 0 | 0 | 6 | 23 | | | | | | o o | | | 0 | 262 |
| 02:00 | 3 | 0 | 0 | 1 | 18 | 40 | 29 | | 2 | 5 | *C:\m\:\m\:\O | Ů. | | 0 | 177 |
| 03:00 | 0 | 0. | 0 | 2 | 18 | | | | 12 | Ostaven Santa | 40.02.00 | /100 - 0 - 0 O | | 11.5 | 115 |
| 04:00 | 3 | 0 | 0 | 5 | 12 | 36 | 49 | 27 | 11 | d section filtring | ************************************** | 0 | and with | G-Section (Co. | 108 |
| 05:00 | 9 | a 整定 中 1 字 | 2 | 3 | 37 | | 142 | 87 | 32 | A serbile and o | Respublica A | | 1 1 1 1 1 1 1 1 1 1 | 4.15.0.4.6 | 148 |
| 06:00 | 36 | 0 | 2 | 16 | 85 | 193 | 227 | 119 | 45 | | Obsert treation | 0.00 | 21 V 100 CO | 0 | 387 |
| 07:00 | 94 | 4964 WILL | 2 | 26 | 197 | 461 | 299 | 103 | 27 | | รายเกล | ~ ~ ~ ~ ~ ~ | | | 733 |
| 08:00 | 116 | 1 | 8 | 69 | 300 | | 282 | 62 | 11 | 2 | | | 0 | Ŏ | 1219 |
| 09:00 | 141 | ₩ :11 | 4 | 78 | 306 | 442 | 293 | 73 | 15 | 6 | .e. () () () () | | Ü | 0 | 1344 |
| 10:00 | 134 | 21 | 56 | 166 | 428 | 384 | 115 | 14 | 0 | 0 | | | | 0 | 1360 |
| 11:00 | 162 | 12 | 29 | 191 | 463 | 423 | 172 | 31 | 453.00 - 18 7 | Sales and Allin | i-etablea - K | Standard K | Committee of the Commit | Ü | 1318 |
| 12 PM | 186 | 2 | 17 | 119 | 437 | 537 | 268 | 45 | 6 | 2 | | | 0 | | 1490 |
| 13:00 | 190 | 11 | 11 | 129 | 450 | 465 | 251 | 52 | Salata 6 | 5 | 4 | | | 0 | 1619 |
| 14:00 | 209 | 6 | 22 | 78 | 397 | 532 | 236 | 64 | 9 | 1 | | | | 0 | 1568 |
| 15:00 | 182 | 9 | 11 | 104 | 397 | 542 | 309 | 69 | 15 | | econ se a | 0 | Ü | O. | 1554 |
| 16:00 | 208 | 5 | 11 | 134 | 408 | 530 | 252 | 92 | 16 | | | | | 0 | 1644 |
| 17:00 | 201 | 3 | 6 | 69 | 338 | 583 | 351 | 86 | 9 | 3 | | Ņ | Ü | 0 | 1661 |
| 18:00 | 128 | 6 | 5 | 38 | 266 | 429 | 298 | 99 | 26 | 1 | 1 | | 0 | | 1649 |
| 19:00 | 65 | 10 | 4 | 31 | 162 | 395 | 256 | 73 | 23 | Lithous oa | · a 1 | | 1 | 1 | 1299 |
| 20:00 | 68 | 7 | 8 | 32 | 184 | 309 | 191 | 50 | 20 | 711222 | - 1 | | 0 | | 1024 |
| 21:00 | 37 | 3 | 5 | 31 | 149 | 257 | 161 | 53 | 14 | - - - | | . 0 | | 0 | 861 |
| 22:00 | 27 | 6 | 2 | 11 | 93 | 199 | 153 | 43 | 0 | - 1-1-1-12-13-13-13-13-13-13-13-13-13-13-13-13-13- | ~~~ 1 | | 0 | | 712 |
| 23:00 | 18 | 300 du | in the last | 14 | 85 | 154 | 106 | 35 | | 2 | | , Q | . 0 | 0 | 546 |
| Total | 2228 | 106 | 210 | 1361 | 5298 | 7637 | 4610 | 1357 | 326 | 76 | Angles String U | <u> </u> | 2 | | 425 |
| | | | | | 2200 | 7007 | -4010 | 1337 | 320 | | 11 | 0 | 2 | 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%

570

378

24272

47495

1

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')

MD ED

Station ID: Site Code: 44 Date Start: 29-Jul-09 Date End: 30-Jul-09

Belmont St (123), west of Linwood St

| AAR' FF | 3 | | | | | | | | | | | | | | | | |
|----------|-----|--------|-----|---------|-----|----------|-----|-----|-----|-----|----|------------|--------------|------|------|-----|---------|
| Start | 1 | | 16 | | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | |
| Time | 15 | | 20 | | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total |
| 07/30/09 | 10 | | 0 | | 0 | 5 | 50 | 89 | 75 | 17 | 9 | 1 | 1 | 0 | 0 | 0 | 257 |
| 01:00 | - 1 | | 0 | | 1 | 0 | 21 | 70 | 38 | 11 | 6 | 3 | 21/4/2010/11 | 0 | 0 | 0 | 152 |
| 02:00 | 0 | | 1 | | 1 | 1 | 9 | 34 | 37 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 103 |
| 03:00 | 1 | 1-1-1 | 0 | SAGE | 0 | 1 | 13 | 24 | 25 | 17 | 7 | 4 | 0 | 0 | 1 | 0 | 93 |
| 04:00 | 2 | | 0 | | 0 | 1 | 17 | 35 | 46 | 28 | 14 | 4 | 0 | 0 | 0 | 0 | 147 |
| 05:00 | 12 | | 0 | 34 5 34 | 1 | 3 | 22 | 95 | 127 | 77 | 23 | 8 | - 1 | 0 | 0 | Ö | 369 |
| 06:00 | 52 | | 3 | | 4 | 16 | 93 | 218 | 215 | 121 | 41 | 6 | 2 | 0 | 0 | 0 | 771 |
| 07:00 | 118 | | - 1 | | 7 | 54 | 184 | 454 | 300 | 104 | 21 | 3 | 0 | 45 1 | 0 | 0 | 1247 |
| 08:00 | 149 | | 0 | | 5 | 45 | 329 | 525 | 290 | 89 | 17 | 1 | 1 | 0 | 0 | 0 | 1451 |
| 09:00 | 155 | | - 5 | 500 | 13 | 85 | 298 | 498 | 267 | 97 | 11 | 3 | 0 | 1000 | 0 | . 0 | 1433 |
| 10:00 | 166 | | 4 | | 3 | . 79 | 295 | 484 | 267 | 74 | 12 | 4 | 0 | 0 | 0 | 0 | 1388 |
| 11:00 | 173 | ALCO D | 4 | P/1 | 16 | 162 | 484 | 410 | 187 | 43 | 7 | 0 | 0 | . 0 | 0 | 0 | 1486 |
| 12 PM | 247 | | 6 | | 31 | 169 | 537 | 515 | 211 | 55 | 4 | 0 | 0 | 0 | 0 | 0 | 1775 |
| 13:00 | 209 | 2,400 | 3 | - WO 1 | 16 | 116 | 386 | 570 | 281 | 49 | 16 | 3 | 0 | 0 | 0 | 0 | 1649 |
| 14:00 | 203 | | 13 | | 13 | 126 | 383 | 541 | 267 | 69 | 11 | 2 | 0 | 0 | 0 | 0 | 1628 |
| 15:00 | 205 | 201 | 2 | | . 8 | 86 | 398 | 505 | 340 | 111 | 24 | 5 | 0 | 0 | 1 | 0 | 1685 |
| 16:00 | 199 | | 7 | | 19 | 103 | 400 | 611 | 326 | 80 | 22 | 3 | 1 | 0 | 0 | 0 | 1771 |
| 17:00 | 222 | | - 3 | A3. 3 | 10 | 65 | 320 | 597 | 360 | 103 | 28 | 1 2 5 20 1 | . 0 | 0 | 0 | 0 | 1709 |
| 18:00 | 123 | | 6 | | 11 | 26 | 155 | 481 | 363 | 124 | 33 | 5 | 0 | 0 | 0 | 0 | 1327 |
| 19:00 | 77 | 1.5 | 7 | 9145 | 8 | 14 | 162 | 450 | 289 | 82 | 22 | 2 | 4 | 0 | 0 | . 0 | 1117 |
| 20:00 | 66 | | 8 | | 15 | 39 50 | 196 | 350 | 219 | 55 | 12 | 1 | 0 | 0 | 0 | 0 | 961 |
| 21:00 | 50 | | 4 | 200 | 4 | 50 | 163 | 305 | 163 | 52 | 12 | 2 | . 0 | 0 | 0 | 0 | 805 |
| 00.00 | | | | | | | | | | 2.2 | | | | | 1.00 | | 74.4400 |

136

110

4939

9549

30

39

1543

2900

10

375

701

64

140

25

0

2

0

4

Total Daily

22:00

23:00

15th Percentile: 50th Percentile :

29

12

1287

118

66

5099

29 MPH 37 MPH

195

122

8178

85th Percentile : 95th Percentile:

Percent in Pace:

44 MPH **48 MPH**

Mean Speed(Average): 10 MPH Pace Speed : Number in Pace :

35 MPH 31-40 MPH 13277

Number of Vehicles > 40 MPH:

403

193

54.7% 6939

Percent of Vehicles > 40 MPH:

4

86

192

38

12

2490

4718

28.6%

| Grand | |
|-------|--|
| Total | |

Overall

29 MPH 37 MPH 44 MPH 15th Percentile: 50th Percentile: 85th Percentile:

10397

95th Percentile :

2648

48 MPH

15815

Mean Speed(Average): 10 MPH Pace Speed : Number in Pace :

35 MPH 31-40 MPH 26212

Percent in Pace : Number of Vehicles > 40 MPH: 55.2%

Percent of Vehicles > 40 MPH:

13322

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 | | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 Axl | 5 Axle | >6 AxI | <6 AxI | 6 Axie | >6 AxI | | Truck |
|------------------------------|----------------------|--|----------------------|-------------------------|-------------|----------------|--------|--------|-------------------------------|--------|--------|--------|------------------------|-------|------------------|
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | Double | Double | Multi | Multi | Multi | Total | Tota |
| 07/29/09 | 0 | 71 | 24 | 1 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | | 0 | 101 | Tota |
| 01:00 | 0 | 56 | 17 | 0 | 1 | er by great in | 0 | 0 | Section of the Section of the | 0 | 0 | | 0 | 76 | N.W.W.W. |
| 02:00 | 0 | 26 | 18 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 47 | DENACTIVE FORCES |
| 03:00 04:00 | 0 | The second second second | 8 | | 5 | | 0 | 0 | 0 | | 0 | 0 | 0 | 56 | CARL N |
| 05:00 | 17/17/2007/4/2017 | 57 146 | 29 70 | 1 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | . 0 | 0 | 94 | |
| 06:00 | | The second section is a second | Or street and street | | 33 | din O | 0 | 1. | Feb. 3.1 | . 0 | . 0 | 2 0 | 0 | 254 | 36 |
| to the School of Street, St. | esapar 4 | 309 | 101 | 4 | 28 | 1 | . 1 | 5 | 0 | 1 | 0 | 0 | 0 | 452 | 40 |
| 07:00 | 5 | 391 | 149 | 8 | 42 | 4 A | - 0 | 6 | 0 | 0 | 397 | 0 | 0 | 606 | 61 |
| 14-CAUSSI 85-530 | ne dan baran | 390 | 148 | 4 | 35 | 4 | 0 | 4 | 1 | 0 | 0 | 0 | . 0 | 587 | 48 |
| 09:00 | Contract 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 | Yan a Salah | 0 | 0 | o o | ō | 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 | - an i 🐨 | , i | ň | ň. | and the Mark | 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 | | 0 | | o o | | 833 | 43 |
| 18:00 | 4 | 450 | 132 | 5 | 32 | 4 | 0 | 2 | ō | 0 | n | 0 | 0 | 629 | 43 |
| 19:00 | \$ 42.75 1 \$ | 340 | 120 | 4 | 23 | 3 | 0 | 2 | 1 | ŏ | ň | ň | n de la companya di sa | 494 | 33 |
| 20:00 | 1 | 293 | 102 | 2 | 16 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 417 | 21 |
| 21:00 | 3 | 280 | 65 | 50 to 1: | 8 | 1 . | . 0 | . 0 | Ö | 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 | 055 406 4- 1 -55 | 61. | 0 | Y | 0 | 0.0 | 0 | 0 | 0 | 0 | 194 | 7 |
| Total Percent | 42 0.4% | 7914 68.5% | 2733 | 93 | 595 | 68 | 5 | 76 | 25 | 1 | 2 | 0 | 0 | 11554 | 865 |
| AM Peak | 07:00 | 11:00 | 23.7% | 0.8% | 5.1% | 0.6% | 0.0% | 0.7% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | | 7.5% |
| Vol. | 5 | 488 | 194 | 09:00 | 11:00 52 | 10:00 | 06:00 | 11:00 | 09:00 | 06:00 | 07:00 | | | 11:00 | 11:00 |
| PM Peak | 13:00 | 17:00 | 14:00 | 12:00 | 13:00 | 11 14:00 | 15:00 | 9 | 40.00 | 1_ | 1 | | | 761 | 75 |
| Vol. | 5 | 617 | 207 | 10 | 53 | 14:00 | 15:00 | 15:00 | 12:00 | | 17:00 | | | 13:00 | 13:00 |
| | | 0.11 | 201 | 10 | 33 | , | 2 | 1 | 2 | | 1 | | | 842 | . 71 |

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

| | | | | | | | | | | | | Demior | . 01 (120) | , west of t | -iiiwood o |
|--------------|------------|--------------|--------------|---|------------------|----------------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-------------|------------|
| WB Start | | Cars & | O Ando | | 0 4 | 0 4.46 | 4 A.d. | 4E AI | F A1- | - 0 4-1 | -O AI | 0.4.1. | | | |
| Time | Bikes | Trailers | | Buses | 2 Axle 6 Tire | 3 Axle Single | 4 Axle Single | <5 AxI Double | 5 Axle Double | >6 Axl Double | <6 Axl Multi | 6 Axle Multi | >6 Axl Multi | Total | Truck |
| 07/30/09 | DIKES 0 | 73 | | 2 | 1 | Sirigle | Olligie | 0 | 0 | Double | IVIUIII 0 | Nulli | - WUITE | 10(a) | Total |
| 01:00 | čio se č. | 48 | | | 61 A - 65 | - 47.27 FO | ŏ | o e o o | | 2462 / S = 0 | | - 33A 3 O | | | 5 |
| 02:00 | 0 | 28 | | Ö | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 2 |
| 03:00 | 0 | 26 | | 0 | 7 | | 0 | 0 | Ó | Ö | 0 | O . | 0 | 52 | 8 |
| 04:00 | 0 | 53 | | 2 | 9 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 89 | 14 |
| 05:00 | 0 | 142 | | | 26 | State.## 3 | . 0 | 0 | 1 | 0 | 0 | 0 | Ó | 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 | Ò | 636 | 50 |
| 08:00 | 1 | 406 | 168 | 4 | 36 | 4 | 0 | 6 | . 2 | 0 | 1 | 0 | 0 | 628 | 53 |
| 09:00 | orani 🚹 | 408 | 157 | 6 | 43 | 9 | 0 | 6 | 2 | 0 | 0 | 0 | 0 | 632 | 53 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 | | 0 | 0 | o ô | · Constant | 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 | ্ ব | ñ | ം ഉടി പട്ടി | G. G. P. A. | ് കടക് | 862 | 59 |
| 14:00 | 5 | 559 | 192 | 8 | 38 | . 8 | 2 | 8 | , | 0 | 0 | ,0 | 0 | 824 | 68 |
| 15:00 | 2 | 556 | 198 | i i | 49 | ്ംഗ്ര | Salara 🖟 | | | | | wasana X | alee A | 818 | 62 |
| 16:00 | | 602 | 200 | 4 | 37 | 2 | | | 0 | | 1 | | | | |
| 17:00 | 4 | 607 | 166 | 6 | 33 | 3 | | | | | 30000 | | 0 | 856 825 | 51 48 |
| 18:00 | 5 | 473 | 138 | 3 | 25 | 1 | 0 | 1 | 0 | 0 | 0 | | 0 | 646 | 30 |
| 19:00 | 4 | 400 | 104 | · . ' · . · · · · · · · · · · · · · · · | 17 | e ave u ty i ldy | enteraño | # 14. | | ñ | ŏ | ം ത് | ംപെട്ട | 534 | 26 |
| 20:00 | 4 | 357 | 92 | 1 | 13 | 3 | Ö | í | 2 | ŏ | Ö | Õ | 0 | 473 | 20 |
| 21:00 | 3 | 299 | 95 | and the same | 12 | . P. 4. | 0 | 0 | ୍ - ନି | 0 | 0 | Ö | | 412 | 15 |
| 22:00 | 2 | 212 | 43 | Ó | 9 | 0 | 0 | 1 | . 0 | 0 | Ô | 0 | 0 | 267 | 10 |
| 23:00 | 2 | 116 | 40 | 0 | 5.5 | <i>তাইয়েল</i> ার্র্রা গ্র | 0 | 0 | 0 | Ó | . O | 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. PM Peak | 5 | 505 | 174 | 10 | 46 | 9 | 44.00 | 6 | 2 | | 1 | | 1 | 749 | 70 |
| Vol. | 12:00 6 | 12:00 679 | 13:00 229 | 13:00 | 15:00 | 13:00 | 14:00 | 12:00 | 14:00 | | 16:00 | | | 12:00 | 12:00 |
| VOI. | 6 | 6/9 | 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% |
| | | | | | 31111 | -1010 | -1010 | 21010 | | 0.070 | 0.070 | 5.070 | 0.070 | | 7.470 |

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 | - | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 Axl | 5 Axle | >6 Axl | <6 Axl | 6 Axle | >6 Axl | | Truck |
|----------|--|------------|----------|-------|--------------|--------|------------|--------|--------|-----------|--------|-------------|----------|--|--------------------|
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | | | Multi | Multi | Multi | | Tota |
| 07/29/09 | 1 | 148 | 10 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 1014 |
| 01:00 | 0 | 86 | 12 | -0 | 2 | 1 | 0 | Ö | 0 | 0 | 0 | o o | ő | | V-892-2900 |
| 02:00 | 0 | 54 | 10 | 0 | . 1 | . 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | A COLUMN TO A COLU | White Street |
| 03:00 | COURSESS AT | 44 | 6 | 0 | . 0 | ·苏州·苏州 | . 0 | 0 | 0 | | - 0 | 0 | o o | 68 52 | Later Palacies |
| 05:00 | U | 40 | 8 | 1 | 3 | Ō | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 54 | • |
| 10000 | 0 | 101 | 19 | 2 | . 8 | 2 | 0 | 1 | . 0 | 0 | 0 | 0 | 0 | 133 | 1.0 |
| 06:00 | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 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 | 4 | . 0 | Y | 0 | S Garage | 614 | 47 |
| 08:00 | 2 | 635 | 86 | 4 | 24 | 2 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 761 | |
| 09:00 | 3 | 585 | 99 | 2 | 20 | 6 | Ö | 9 | | , i | ň | | 1,100 | | 38 |
| 10:00 | 2 | 503 | 79 | 6 | 24 | 5 | 0 | 6 | 3 | 1 | 0 | 0 | | 726 629 | 39 |
| 11:00 | 841 - 6 1 7 | 594 | 91 | 8 | 24 | 5 | Charles In | 5 | 0 | . 2 | 0 | acasta da K | | 629 | 45 Otal Vestiga |
| 12 PM | 1 | 659 | 99 | 4 | 23 | 4 | 0 | | 3 | 4 | 1 | 0, | 0 | 731 | 45 |
| 13:00 | 3 | 587 | 99 | 5 | 17 | 5 | 0.0 | 8 | 3 | War al | . 1 | 0 | 0 | 801 | 42 |
| 14:00 | 1 | 670 | 82 | 3 | 26 | | | 8 | 3 | . 0 | 0 | 0 | 0 | 727 | 38 |
| 15:00 | German A | 702 | 105 | 2 | 17 | 500 | 0 | 3 | . 1 | 0 | 1 | 0 | 0 | 789 | 36 |
| 16:00 | 4 | | | 2 | | 3 | 0 | 12 | 4 | . 0 | 0 | 0 | 0 | 849 | 38 |
| 17:00 | 4 | 719 | 104 | 3 | 19 | 6 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 864 | 37 |
| 18:00 | 2 | 711 589 | 79 | 2 | 19 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 819 | 27 |
| 19:00 | ő | 454 | 67 57 | 3 | 7 | 2 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 674 | 16 |
| 20:00 | 0 | 395 | 40 | 3 | 9 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | . 0 | 528 | 17 |
| 21:00 | 1 | 313 | 32 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 443 | 8 |
| 22:00 | 1 | 273 | 24 | 0 | 1 | 1 | 0 | 2. | 0 | 0 | . 0 | 0 | 0 | 354 | 8 |
| 23:00 | 0 | 210 | 20 | 0 | a set a sala | | 0 | | Ü | 0 | 0 | 0 | 0 | 300 | 2 |
| Total | 30 | 9772 | 1353 | 55 | 287 | 67 | 1 | 89 | 27 | 0 | 0 | 0. | 0 | 232 | 2 |
| Percent | 0.3% | 83.6% | 11.6% | 0.5% | 2.5% | 0.6% | 0.0% | 0.8% | 0.2% | 6 0.1% | 3 | 0 | 1 | 11691 | 536 |
| AM Peak | 09:00 | 08:00 | 09:00 | 11:00 | 08:00 | 06:00 | 11:00 | 09:00 | 08:00 | 11:00 | 0.0% | 0.0% | 0.0% | 20.00 | 4.6% |
| Vol. | 3 | 635 | 99 | 8 | 24 | 10 | 1 | 9 | 3 | 2 | 07:00 | | 07:00 | 08:00 | 07:00 |
| PM Peak | 15:00 | 16:00 | 15:00 | 13:00 | 14:00 | 16:00 | - | 15:00 | 15:00 | 12:00 | 12:00 | | 1 | 761 | 47 |
| Vol. | 4 | 719 | 105 | 5 | 26 | 6 | | 12 | 10.00 | 12.00 | 12.00 | | | 16:00 864 | 12:00 42 |

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 | | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 Axl | 5 Axle | >6 AxI | <6 AxI | 6 Axle | >6 AxI | | Truck |
|------------------|----------------|----------------|---------------|---|---------------|-------------------|---------|-------------|------------|-------------|-------------------|---------|------------------|--------------|---------------------|
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | Double | | | | | Total | Truck |
| 07/30/09 | 0 | 141 | 18 | 0 | 0 1116 | Oiligie 0 | Sirigie | 0 | Double | Double 0 | <u>Multi</u> | Multi | Multi | Total | Total |
| 01:00 | o i | 68 | 12 | ŏ | 4800 Z | on the control | ം. ം പ് | ŏ | 200 | ŏ | | 0 | 0 | 159 84 | |
| 02:00 | 0 | 48 | 11 | 1 | 0 | 0 | 0 | Ö | 1 | Ö | 0 | 0 | 0 | 61 | 2 |
| 03:00 | Ö | 36 | 5 | 0 | 0 | 0 | 0 | Ŏ | Ó | . We was O | : 3184-2 0 | ere e o | - e sõ | 41 | នានីខ េងក្រំ |
| 04:00 | | 44 | 6 | 1 | 2 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 58 | 7 |
| 05:00 | 0 | 108 | 17 | 0 | 4 | #50.25 4 2 | . 0 | | - 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 | . 10 Sept. 140 | 495 | 78 | 4 | 23 | 3 | 1 | 5 | 4 | Ó | 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 | Ô | 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 | 5 · · · · · · · · · · · · · · · · · · · | 22 | 1 | 0 | 4 | 3 | 0 | 85. · · 1 | 0 | ા જે કે . | 869 | 33 |
| 16:00 | 3 | 760 | 121 | 4 | 15 | 3 | 0 | 8 | 1 | 0 | 0 | 0 | 1 | 916 | |
| 17:00 | 10 | 747 | 96 | 3 | 18 | 3 | 0 | 7 | di man | 0 | (BW 11일) | 0 | o o | 886 | 32 33 |
| 18:00 | 1 | 584 | 84 | 1 | 6 | 1 | 0 | 5 | Ó | 0 | ó | 0 | 0 | 682 | 13 |
| 19:00 | 1 | 502 | 64 | 2 | 7 | 41 417 | 0 | 5 | 1 | 1 | 0 | 0 | o e e | 584 | 17 |
| 20:00 | 0 | 440 | 35 | 1 | 6 | 2 | 0 | 1 | 1 | Ô | 1 | 0 | 0 | 487 | 12 |
| 21:00 | 0 | 357 | 27 | 0 | 4 | 0 | 0 | S. W. 18 | 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 | | <u>0 544816.</u> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 213 | . 2 |
| Total Percent | 47 0.4% | 10209 83.3% | 1490 12.2% | 53 | 272 | 53 | 2 | 79 | 44 | 2 | 5 | 1 | 2 | 12259 | 513 |
| AM Peak | 11:00 | 08:00 | 11:00 | 0.4% 10:00 | 2.2% 08:00 | 0.4% | 0.0% | 0.6% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | | 4.2% |
| Vol. | 5 | 678 | 123 | 6 | 30 | . 8 | 07:00 | 08:00 10 | 11:00 5 | 08:00 | 06:00 | 10:00 | | 08:00 | 08:00 |
| PM Peak | 17:00 | 16:00 | 15:00 | 13:00 | 15:00 | 14:00 | 14:00 | 16:00 | 13:00 | 19:00 | 14:00 | 1 | 15:00 | 826 16:00 | 53 13:00 |
| Vol. | 10 | 760 | 128 | 7 | 22 | 6 | 14.00 | 8 | 4 | 19.00 | 14.00 | | 15.00 | 916 | 41 |
| | | | • | | | , | | • | 7 | ' | ' | | ' | 310 | 41 |
| Grand | 77 | 19981 | 2843 | 108 | 559 | 120 | • | 400 | 74 | | | | | | |
| Total | | | | | | 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% |

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 | | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 AxI | 5 Axle | >6 Axi | <6 AxI | 6 Axle | >6 Axl | | Towns |
|--|-------------|-------------|------------|---------------------------------------|--------|--------|--------|----------|---------------|-------------------|--|------------------------|------------------------|--|---------------------------------|
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | Double | Double | Multi | | | | Truck |
| 07/29/09 | 1 | 219 | 34 | 1 | 3 | 2 | 0 | 0 | 2 | Double | O | Multi | Multi | | Total |
| 01:00 | 0 | 142 | 29 | 0 | 3 | 2 | Ŏ | ŏ | | 0 | 275250 | 140 | 0 | 262 | 8 |
| 02:00 | 0 | 80 | 28 | 0 | 2 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 177 115 | 60.00 |
| 03:00 | 1 | 86 | 14 | 0 | 5 . | 2 | 0 | 0 | 0 | Ŏ. | o de la composición dela composición de la composición dela composición de la compos | · Parlimoni | 0 | 108 | or do the or each |
| 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 | 330/8/02/10 | 0 | 0 | 1444 (150 | Ö | 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 | State Call | 0 | 2 | 0 | รางปริการแล้ว | 1220 | Co. 4275 Charles Company (1994) |
| 08:00 | 3 | 1025 | 234 | 8 | 59 | 6 | 0 | 8 | 4 | 1 | 0 | 0 | 0 | 1348 | 108 86 |
| 09:00 | 4 | 1007 | 258 | 11 | 53 | 8 | 0 | 15 | 6 | 1.1.00 | Ň | Ă | 1.1479A/0910. X | 1362 | 93 |
| 10:00 | 6 | 962 | 248 | 10 | 66 | 16 | 0 | R | 5 | 1 | 0 | C Taylor Market Or | | The second secon | |
| 11:00 | 5 . | 1082 | 285 | 15 | 76 | 11 | | 14 | Bada an Air | | | No. S. Carrier Carrier | were water of | 1322 | 106 |
| 12 PM | 2 | 1215 | 300 | 14 | 62 | | • | | graph at high | Kalarbiresi e 🧸 " | 0 | EKVRENCE VOV | ergings and | 1492 | 120 |
| 13:00 | . 8 | 1164 | 288 | 12 | 70 | 9 | | 12 13 | 3 | otar i de | | 0 | 0 | 1620 | 103 |
| 14:00 | 3 | 1173 | 289 | 12 | 55 | | | 13 | 4 | . 0 | 0 | 0 | 0 | 1569 | 109 |
| 15:00 | 3.5.5.5 | 1239 | 310 | 8 | 46 | 10 | 0 | 9 | 3 | 0 | . 1 | 0 | 0 | 1555 | 90 90 |
| 16:00 | | | | 8 | | 10 | 2 | 19 | 5 | 0 | 0 | 0 | 0 | 1646 | 90 |
| and the State of Stat | | 1293 | 273 | 6 | 58 | 9 | . 1 | 15 | 2 | 0 | 0 | 0 | 0 | 1661 | 91 |
| 17:00 18:00 | 5 | 1328 | 249 | 7.7 | 46 | 4 | . 0 | 10 | 2 | 0 | 1 | .0 | 0 | 1652 | 70 |
| 19:00 | 9 | 1039 794 | 199 177 | 7 | 39 | 6 | 0 | 4 | 2 | 1 | 0 | 0 | 0 | 1303 | 59 |
| 20:00 | 1 | 688 | /00 PB/#01 | · · · · · · · · · · · · · · · · · · · | 32 | 4 | 0 | 6 | 1. | 0 | 0 | 0 | 0 | 1022 | 50 |
| 21:00 | S. Water of | 593 | 142 | 2 | 21 | . 0 | . 0 | 6 | 0 | 0 | 0 | 0 | 0 | 860 | 29 |
| 22:00 | 1 | 447 | 80 | 0 | 14 | 1 | 0 | 2 | | 0 | 0 | 0 | 0 | 712 | 18 |
| 23:00 | o i | 366 | 51 | | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 545 | 17 |
| Total | 72 | 17686 | 4086 | 148 | 882 | 135 | 6 | 165 | 52 | 7 | 0 | 0 | 0 | 426 | 9 |
| Percent | 0.3% | 76.1% | 17.6% | 0.6% | 3.8% | 0.6% | 0.0% | 0.7% | 0.2% | 0.0% | 0.0% | 0 | 1 | 23245 | 1401 |
| AM Peak | 10:00 | 11:00 | 11:00 | 11:00 | 11:00 | 10:00 | 06:00 | 09:00 | 09:00 | 11:00 | 07:00 | 0.0% | 0.0% | 44.00 | 6.0% |
| Vol. | 6 | 1082 | 285 | 15 | 76 | 16 | 1 | 15 | 6 | 11.00 | 07.00 | | 07:00 | 11:00 | 11:00 |
| PM Peak | 13:00 | 17:00 | 15:00 | 12:00 | 13:00 | 14:00 | 15:00 | 15:00 | 12:00 | 12:00 | 12:00 | | | 1492 16:00 | 120 |
| Vol. | 8 | 1328 | 310 | 14 | 70 | 10 | 2 | 19 | 5 | 12.00 | 12.00 | | | 16:00 | 13:00 109 |

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 | | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 Axl | 5 Axle | >6 AxI | <6 AxI | 6 Axle | >6 Axl | | Truck |
|--|---|-----------------------------|------------|-------|----------|-----------|--------|--------|--------|--------|-----------|--------------|--------|------------|-----------|
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | Double | | Multi | Multi | Multi | Total | Total |
| 07/30/09 | 0 | 214 | 39 | 2 | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 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 | | 15 5 4018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 8 |
| 04:00 | | 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 | - Way 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 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 | Ö | 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 | ō | 9 | 5 | ő | o o | Ô | ő | 1651 | 100 |
| 14:00 | 10 | 1233 | 287 | 13 | 52 | 14 | 3 | 13 | | 0 | 1 | 0 | | 1630 | |
| 15:00 | 5 | 1261 | 326 | | 71 | 5 | 0 | 7 | 3 | | Bert val. | 0 | , i | 1687 | 100 |
| 16:00 | 6 | 1362 | 321 | 8 | 52 | | | | 3 | | 1 | 0 | | 1000 | 95 |
| 100 march 100 Ma | and the second of | ALL THE RESIDENCE OF STREET | | 12 B | | 6 | 0 | 13 | 2 | Ü | 1 | 0 | 1 | 1772 | 83 |
| 17:00 18:00 | 14 | 1354 1057 | 262 | 9 | 51 | 6 | 0 | 12 | 2 | 0 | 1 | . 0 | 0 | 1711 | 81 |
| 10 A | 2.0 | Later to the first to | 222 | 4 | 31 | 2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 1328 | 43 |
| 19:00 20:00 | 5 | 902 | 168 | 4 | 24 | 2 | 0 | 9 | . 3 | 1 | 0 | 0 | 0 | 1118 | 43 |
| 21:00 | 3 | 797 656 | 127 122 | 1 | 19 16 | 5 | 0 | 2 | 3 | 0 | 1 | 0 | 0 | 960 | 32 |
| 22:00 | 6 | 486 | 63 | 1 | 12 | | 0 | 1 | 3 | 0 | | 0 | 0 | 803 | 22 |
| 23:00 | 3 | 305 | 61 | | 6 | 2 | . 0 | | , | 0 | 0 | 0 | 0 | 570 377 | 15 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% | 24234 | 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 | 173 | 36196 | 8379 | 293 | 1765 | 265 | 10 | 309 | 123 | 9 | 12 | 1 | 4 | 47539 | 2791 |
| Total | | | | | | | | | | | | 25.03.63.030 | | 4/539 | Uplandado |
| 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% |

Station ID: 7016
Site Code: 44
Date Start: 18-Nov-08
Date End: 19-Nov-08
Manley St, north of West Chestnut St

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

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

| 82 | 17-Nov-08 | NB | ٠ ا | rue NB | | Wed | NB | SB | Thu | | 85 | Fi | | Sat | <u>1</u> | 6 | Sun | | Week Average | Jers. |
|---|------------|------|------|-----------|-------|-------|------|----|-----|----------------|------|-------|--|-----|---------------------------------------|--|-------------------------|--------------|----------------|---------|
| 53 47 48 41 78 78 14 38 24 29 76 24 29 76 24 25 </th <th></th> <th>*</th> <th>79</th> <th>99</th> <th>11</th> <th></th> <th>2</th> <th>*</th> <th></th> <th></th> <th>*</th> <th>*</th> <th></th> <th>30</th> <th>N ·</th> <th>SB</th> <th>Z</th> <th></th> <th>gg</th> <th>_</th> | | * | 79 | 99 | 11 | | 2 | * | | | * | * | | 30 | N · | SB | Z | | gg | _ |
| 24 26 24 26 24 26 24 26 24 26 24 26 24 26 24 26 24 26 24 30 27 24 26 26 27 27 26 26 27 27 26 26 27 27 26 27 27 26 26 27 28 27 28 27 28 27 28 27 28 28 28 28 28 28 28 28< | | • | 53 | 47 | 48 | | 1 5 | * | 13 | | * | *1000 | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | | | * Charles Casternion | 2825-FR201 | *** | 78 | 1 |
| 11 38 20 41 38 20 41 56 24 24 28 45 28< | | * | 24 | 26 | 24 | | 0 | * | | | . 4 | • | 40 | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | がはのできない | 神神神 | k | 20 | 17 |
| 24 30 23 23 16 24 30 12 24 30 16 24 30 16 24 30 35 24 35 24 35 35 24 35< | | * | F | 38 | 20 | | Σ | * | | | * | • | | | 13 | | Att Sherrowers | | 24 | |
| 28 45 25 50 24 30 125 40 125 24 31 40 125 300 274 226 380 279 371 270 227 328 329 279 371 226 320 204 224 226 231 224 226 226 227 241 304 257 226 228 252 294 311 308 311 267 394 311 302 228 292 294 311 302 228 292 294 311 302 302 316 317 326 328 324 316 329 342 342 342 408 366 374 366 374 412 410 410 410 410 456 460 0 | | * | 24 | 30 | 33 | | | * | * | | | | | | | * C. S. C. S | | | 16 | |
| 12 | | * | 28 | 45 | 25. | | 2 0 | * | | _ | ٠, | • • • | | k . | * | * | | • | 24 | |
| 116 291 120 309 327 418 | | * | 3 8 | 125 | 3 8 | | 2 4 | • | | | | | 3 | • | | ************************************** | | ** | 26 | |
| 269 390 279 371 326 359 279 371 276 326 329 364 327 276 302 266 325 327 274 276 302 266 285 325 327 278 278 278 278 278 278 278 278 278 278 278 278 278 278 278 278 279 278 279 278 279 278 279 278 279 274 279 | 1 | 1 | 116 | 200 | 150 | | 3 6 | • | | | | k · | | * | * | * | | * | 35 | |
| 326 358 329 364 274 276 332 263 321 270 286 322 279 228 228 237 266 286 8 8 237 286 8 8 8 236 343 308 8 343 326 344 360 342 364 367 390 381 380 374 408 368 379 360 374 410 139 139 139 139 129 380 9 140 139 129 384 360 0 0 0 129 384 360 0 0 0 0 129 384 366 0 0 0 0 0 129 384 366 0 0 0 0 0 0 129 | | * | 269 | 390 | 270 | | 2 4 | • | • | | | * | 6 | | • | • | | * | 18 | |
| 276 332 263 321 327 250 302 266 325 270 241 304 254 224 263 292 294 311 308 224 295 34 360 342 260 376 350 381 276 376 370 381 380 409 360 381 380 409 360 381 381 409 360 360 360 409 360 0 0 0 4580 5060 4608 5060 0 0 0 4580 5060 0 0 0 0 0 0 325 390 327 366 326 326 326 4580 5060 4608 5060 0 0 0 0 0 0 9640 326 | | * | 325 | 358 | 320 | | | * | | | • • | k 1 | | * | * | * | | * | 74 | " |
| 250 302 268 326 270 232 279 224 263 286 286 288 294 256 286 8 286 8 276 292 294 311 308 8 276 286 8 326 294 311 308 8 30 302 302 326 294 311 308 8 30 30 30 30 367 396 381 380 8 37 36 30 30 30 316 270 334 350 8 34 32 < | | * | 276 | 333 | 263 | | t r | | | | | | | * | • | • | | * | 27 | က |
| 232 279 224 268 228 241 304 257 296 8 249 295 324 256 285 8 249 292 294 360 342 8 302 367 390 381 380 8 343 367 390 381 380 8 343 343 367 390 381 380 8 374 374 409 368 379 360 8 374 374 129 38 13 180 8 325 325 129 54 107 71 8 131 140 129 54 107 71 8 158 158 168 129 54 107 71 8 168 168 168 168 168 120 080 09 0 0 0 </td <td></td> <td>•</td> <td>250</td> <td>302</td> <td>285</td> <td></td> <td>- 4</td> <td>*</td> <td></td> <td>17</td> <td>. ,</td> <td></td> <td></td> <td>*</td> <td>*</td> <td>*</td> <td></td> <td>*</td> <td>20</td> <td>n</td> | | • | 250 | 302 | 285 | | - 4 | * | | 17 | . , | | | * | * | * | | * | 20 | n |
| 241 304 257 296 28 249 295 324 256 286 286 276 276 295 324 361 308 276 276 276 326 344 360 342 373 362 374 367 389 379 360 379 360 374 367 379 368 379 360 379 374 315 120 140 139 325 325 326 175 120 140 139 326 326 326 4580 506 400 | | * | 232 | 279 | 224 | | 2 6 | * | • | al s | • | | | | * | | | * | 28 | 3 |
| 295 324 256 285 285 276 292 294 311 308 276 276 326 344 360 342 343 343 367 390 381 380 373 360 374 409 368 379 360 360 384 374 367 120 140 139 384 325 394 179 180 133 103 103 103 113 480 5060 60 0 0 0 0 4596 09:00 08:00 08:00 0 0 0 0 0 0 0 0 0 0 0 0 9655 0 | | • | 241 | 304 | 257 | | 2 (4 | * | * | | • | | | | • 4 | • | 24 | * | 28 | 2 |
| 292 294 311 308 276 326 344 360 342 362 326 344 360 342 362 367 390 381 380 374 409 368 379 360 374 409 366 374 374 374 316 270 334 252 374 316 270 334 252 374 317 170 173 458 469 4608 5060 0 0 0 0 102 9640 3668 5060 4608 5060 0 0 0 0 0 0 9640 3668 5060 | | * | 295 | 324 | 256 | | 2 10 | * | * | | • | • | | . 1 | ν. | | | 2 | 49 | 3 |
| 326 344 360 342 302 367 390 381 380 343 408 368 379 360 374 408 368 379 360 374 215 165 213 180 374 175 120 460 133 103 360 4580 5060 4608 5060 0 0 0 0 0 102 4580 360 329 371 371 374 374 4580 5060 4608 5060 | 411 111 | • | 292 | 294 | 311 | | 2 00 | * | * | | * | • | × | | | * ************************************* | | * | 92 | n |
| 367 390 381 380 343 409 368 379 360 374 374 409 368 379 360 379 360 374 215 165 213 180 325 325 325 129 98 54 107 71 36 102 4580 9640 5060 4608 5060 0 0 0 0 0 0 4596 09:00 329 371 327 4596 0 | | * | 326 | 344 | 360 | | 000 | * | * | - 12 | * | • | 11 | | | | | ₩ • | 22 | 9 |
| 409 368 379 360 374 316 270 334 252 * | | • | 367 | 390 | 381 | | 10 | * | * | | * | • | 100 | | | * Cappe of the Land | | <i>∾</i> | 1 3 | ო |
| 316 270 334 252 384 215 165 213 180 214 214 175 120 140 139 214 158 129 98 133 103 214 158 4580 5060 4608 5060 0 0 0 0 0 4596 09:00 08:00 08:00 08:00 | | • | 409 | 368 | 379 | | 0 | * | * | , | . * | • | | | | | | _د | 74 | 3 |
| 215 165 213 180 * * * * 214 175 120 140 139 * | | 10 m | 316 | 270 | 334 | | 2 | * | | No. of Parties | 1000 | * | 100000 | | 1000 | · Charle Street | a Company of the contra | ř | 34 | ಣ |
| 175 120 140 139 * | | * | 215 | 165 | 213 | | 10 | * | * | | | * | ş. Y. | | | | | , , | 25 | กั |
| 129 98 133 103 * * * * * 158 98 54 107 71 * * * * * 131 4580 5060 4608 5060 0 0 0 0 0 4596 09:00 08:00 08:00 0 0 0 0 0 0 0 9655 325 330 329 371 327 327 327 327 327 18:00 409 390 381 380 384 380 384 380 384 380 | | • | 175 | 120 | 140 | | 0 0 | * | * | | * | * | 1500 | | | • ; | - Tan-10 | 2 | 4 | - |
| 98 54 107 71 * * * * 131 4580 5060 4608 5060 0 0 0 0 0 4596 9640 9668 0 0 0 0 0 0 4596 09:00 08:00 08:00 0 0 0 0 0 0 9655 325 330 329 371 327 327 327 18:00 409 381 380 384 380 384 380 384 380 384 380 384 380 384 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 384 380 3 | | * | 129 | 86 | 133 | | 0 00 | * | * | | * | ٠ | | | | | | 1 | | 0 c c c |
| 4580 5060 4608 5060 0 0 0 0 0 4596 9640 9668 0 0 0 0 0 4596 09:00 08:00 08:00 0 0 0 9655 325 330 329 371 327 327 18:00 17:00 17:00 17:00 17:00 17:00 409 390 381 380 364 | - 1 | *** | 86 | 72 | 107 | | | • | * | | * | * | H. | • | | | 100 | - | 7 | = |
| 9640 9668 0 0 0 4596 08:00 09:00 08:00 0 0 9655 390 329 371 09:00 0 17:00 17:00 17:00 18:00 390 381 380 324 | | 4 | 580 | 100 | 4608 | | 0 | 0 | C | | c | 0 | | 0 | c | | | | 22 | |
| 08:00 09:00 08:00 08:00 09:00 08:00 09:00 | | 3 10 | 9640 | | 96 | 89 | | 0 | | | , | 0 | | | > | 0 | , | | 92 | 20 |
| 390 329 371 327 327 327 327 327 327 327 327 330 381 380 381 380 | | 60 | 00:0 | | 00:60 | 08:0 | 0 | | | | | | | 0 | | | | | 9655 | |
| 17:00 17:00 17:00 18:00 18:00 381 380 381 380 | | | 325 | 390 | 329 | 37. | | | | | | | | | | | | 0.60 | 0 | 08:0 |
| 390 381 380 | | 18 | 00: | 17:00 | 17:00 | 17.01 | | | | | | | | | | | | 32 | 7. | r |
| | | 1 | 409 | 390 | 381 | 380 | | | | | | | | | | | | 18:0 | 2 2 | 17:0 |
| | 0 | | | 9640 | | 990 | α | | • | | | • | | | | | | | | |
| 0 9640 9668 | | | | | | | | | | | | | | | • | | | | | |

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016 Site Code: 44 Date Start: 18-Nov-08 Date End: 19-Nov-08 Manley St, north of West Chestnut St

| Start | 17-Nov-08 | 18-Nov-08 | 19-Nov-08 | 20-Nov-08 | 21-Nov-08 | 22-Nov-08 | 23-Nov-08 | Week |
|------------|-----------------------|--|-----------|---|---------------------------|-------------------------|-----------------------------------|---------|
| Time | Mon . | Tue | Wed | Thu | Fri | Sat | Sun | Average |
| 12:00 AM | | 145 | 159 | * | * | * | * | 152 |
| 01:00 | | The state of the s | 89 | angs. Aftild | | | 1 2 4 4 2 3 | 94 |
| 02:00 | * | 50 | 53 | | * | • | * | 52 |
| 03:00 | all as many | | 61 | | The state of the state of | | | 55 |
| 04:00 | * | 54 | 46 | * | * | * | * | 50 |
| 05:00 | 4 Hinton V(국) 🐉 | 73 | 75 | * | 200 | * | 10 Aug. | 74 |
| 06:00 | * | 155 | 165 | * | * | * | * | 160 |
| 07:00 | | 407 | 429 | * | . • | · · · · · · · · · · · · | *. | 418 |
| 08:00 | * | 659 | 650 | * | * | * | * | 654 |
| 09:00 | Estate (Million 1986) | 683 | 693 | | * * * * | - 1.2. i 1.3.* | * B | 688 |
| 10:00 | * | 608 | 584 | * | * | * | * | 596 |
| 11:00 | * | 552 | 590 | • | * | n n ' | * . | 571 |
| 12:00 PM | * | 511 | 487 | * | * | * | * | 499 |
| 01:00 | * | 545 | 553 | | * | | * | 549 |
| 02:00 | * | 619 | 541 | • | * | * | * | 580 |
| 03:00 | * | 586 | 619 | 4.36 | ±2 . + | 5 ★ 68 | · · · · · · · · · · · · · · · · · | 602 |
| 04:00 | * | 670 | 702 | * | * | * | * | 686 |
| 05:00 | * | 757 | 7/61 | | * | * | * 12 | 7/59 |
| 06:00 | * | 777 | 739 | * | * | * | * | 758 |
| 07:00 | * | 586 | 586 | | | 7 - 19 | * . | 586 |
| 08:00 | * | 380 | 393 | | * | * | * | 386 |
| 09:00 | * | 295 | 279 | * 0 | | Tribonia (**) | *.5 | 287 |
| 10:00 | * | 227 | 236 | * | | * | * | 232 |
| 11:00 | | 152 | 178 | | • | 1* 9 | * | 165 |
| Total | 0 | 9640 | 9668 | 0 | 0 | 0 | 0 | 9653 |
| Percentage | 0.0% | 99.9% | 100.2% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | | 09:00 | 09:00 | | | | | 09:00 |
| Vol. | | 683 | 693 | | | | | 688 |
| PM Peak | | 18:00 | 17:00 | | | | | 17:00 |
| Vol. | | 777 | 761 | | | | | 759 |

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016 Site Code: 44

Date Start: 18-Nov-08 Date End: 19-Nov-08

Date Start: 18-Nov-08 Manley St, north of West Chestnut St

SB

| Start | 1 | 1 | 6 : | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | |
|----------------|----------------------|----------------|------------|------|--------------|-----|-----------------------|-----------|------------------------|------------------|-----------------------|--------------|--------------|------------------|-----------------------|-------------------|
| Time | 15 | 2 | 0 2 | 25 | 30 | 35 | 40 | 45 | | | | 65 | | | | |
| 11/18/08 | 0 | | 0 | 0 | 0 | 17 | 27 | 25 | | | 000 | 0 | | | 999 | |
| 01:00 | 0 | The Millians | 0 | 0 | SAMPLE TO | 7 | 23 | 17 | 5 | anti-traction in | Naturo i eta o | | | 0 | 0 | 79 |
| 02:00 | 0 | | 0 | 0 | 0 | 1 | 13 | 9 | 2011/11/11/11/11/11/11 | Open Propries | 0 | 0 | 0 | ō | 0 | AND THE PROPERTY. |
| 03:00 | . 0 | ি উপ্টেক্টার | 0 | 0 | A 45. 18 1 4 | 5 | 2 | 2 | 1556 50 | 943b 19 4 | ő | ലം ം ര് | o o | Sections See | O Western Street | 24 |
| 04:00 | 2 | | 0 | 2 | 0 | 4 | 9 | 6 | 1 | 0 | | 0 | 0 | os unionalida | 2- 2- 5- 50 O | 13000 (MIN) |
| 05:00 | | | 0 | 0 | 1 | 4 | े े अं अ र्थ ी | รรมสานาร์ | o o | ്രാം ന് | a o | Same añ | o de la como | 0 | drapado a de A | 24 |
| 06:00 | 1 | | 0 | 0 | 0 | 3 | 13 | 10 | 3 | Ô | 0 | United Marie | 211 | 0 | Darling Sauth | 28 |
| 07:00 | 10 | S-3, 75 | 2 | 11:0 | 2 | 12 | 49 | 36 | 375 33 | kata 🖰 🧃 | i de la como | ം ം ര് | | Section 2 | | 30 |
| 08:00 | 17 | | 0 | 3 | 18 | 60 | 93 | 67 | 10 | 1 | 0 | 0 | 0.00 | 0 | | 116 |
| 09:00 | 21 | 트롤론투다 | 7 | 3 | 9 | 44 | 110 | 102 | 26 | / 155 × 3 | in the O | ំ កំ | ് റ | k sambada Ar | Beltitati e salari An | 269 325 |
| 10:00 | 13 | | 5 | 5 | 14 | 66 | 102 | 56 | 12 | 3 | 0 | 0 | 0 | 0 | 0.250 | 276 |
| 11:00 | 10 | 1767 | 0, 12672 | 5 | 10 | 64 | 88 | 49 | 14 | 0 | 0 | ň | ň | No. | 940.506 | 250 |
| 12 PM | 9 | | 1 | 3 | 6 | 51 | 81 | 61 | 19 | 1 | 0 | 0 | 0 | 0 | | 232 |
| 13:00 | 4 | 14 A | 3 | 4 | 16 | 61 | 97 | 47 | - 8 | r £ 1 − 1 | Ō | Ŏ | ň | ň | osta di | 241 |
| 14:00 | 1/ | 1 653 | 4 | 5 | 25 | 75 | 106 | 57 | 6 | 0 | 0 | 0 | 0 | 0 | n . | 295 |
| 15:00 | 16 | | 4 | 5 | 16 | 69 | 106 | 60 | 14 | 2 | 0 | Ô | 0 | 50/1 14 0 | ്ര | 292 |
| 16:00 | 9 17: | | 5 | 2 | 25 | 80 | 124 | 66 | 11 | 2 | 1 | 0 | Õ | 0 | 0 | 326 |
| 17:00 | 810 LO 3 1/ 1 | in - 37 (1935) | (年代) | 12 | 18 | 78 | 173 | 68 | 8 | riks di | 0 | Ö | 34 × 340 | ő. | an a č | 367 |
| 18:00 19:00 | 21 | e del ment | 3 | 8 | 18 | 100 | 177 | 71 | 3 | 2 | 0 | 0 | 0 | 0 | n | 409 |
| 20:00 | | 1.55 | SALEN LAGE | 6 | 10 | 67 | 151 | 69 | 4 | - 0 | Ö | 0 | 0 | Ŏ. | ri bivos idos | 316 |
| 21:00 | | | | 0 | . 8 | 43 | 91 | 55 | 8 | 3 | 0 | 0 | 0 | Ö | Ô | 215 |
| 22:00 | | a priest rol | Profession | 0 | 3 | 23 | 74 | 59 | 11 | 0 | 0 | 0 | 0 | Ö | Ö | 175 |
| 23:00 | 2 | \$8 - 5 miles | Lengation | 1 | 8 | 19 | 49 | 38 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | |
| Total | 190 | 0.440 1.44 | | 0 | 0 | 17 | 37 | 29 | 12 | 2 | 0 | 0 | 0. | 0 | ő | 129 98 |
| iolai | 190 | 59 | , , | 54 | 209 | 970 | 1806 | 1070 | 196 | 25 | 1 | 0 | 0 | 0 | n | 4580 |

Daily

 15th Percentile:
 31 MPH

 50th Percentile:
 38 MPH

 85th Percentile:
 43 MPH

 95th Percentile:
 45 MPH

 Mean Speed(Average):
 36 MPH

 10 MPH Pace Speed:
 36-45 MPH

 Number in Pace:
 2876

 Percent in Pace:
 62.8%

 Number of Vehicles > 30 MPH:
 4068

 Percent of Vehicles > 30 MPH:
 88.8%

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016

Site Code: 44

Date Start: 18-Nov-08 Date End: 19-Nov-08

Date Start: 18-Nov-08 Manley St, north of West Chestnut St

| Coulut C | f West Cr | | ٠, | | | | 1745 | | | | | | | | | -0.0 | | | | | SB |
|----------|-----------|-----|---------|-----|-----|-----|-------|------------|-----|----------|----|--------|------|----------|-----|---------------|-----|----|-----|------|----------|
| 2001-0 | 76 | 71 | 7770 | 66 | 61 | 56 | 51 | 5 | 46 | 41 | 36 | | 31 | 26 | 21 | | 16 | | 1 | | Start |
| Total | 999 | 75 | | 70 | 65 | 60 | 55 | 5 | 50 | 45 | 10 | | 35 | 30 | 25 | | 20 | | 15 | | _Time |
| 77 | 0 | 0 | | 0 | 0 | 1 | 1 | | 10 | 20 | 29 | | 9 | 3 | 0 | | 1 | | 3 | 3 | 11/19/08 |
| 48 | o` | 0 | 175486 | 0 | 0 | o | 8 V-3 | HET BUT | 4 | 16 | 20 | 态器点 | 3 | 35013 | 0 | THE | 2 | 1 | 1 |) | 01:00 |
| 24 | 0 | 0 | es de c | Ô | 0 | 1 | 0 | 98 | 1 | 6 | 11 | | 3 | 0 | 0 | | 1 | | 1 |) | 02:00 |
| 20 | ം | ŏ | 333. | 0 | 0 | 0 | 0 | certe al e | 15 | 8 | 9 | 0.000 | 1 | 0 | . 0 | 100 | 0 | 27 | 1. | 1 | 03:00 |
| 23 | Ô | n | | 0 | 0 | 0 | 0 | | 2 | 6 | 8 | | 6 | 0 | 0 | | 0 | | 1 | 1 | 04:00 |
| 25 | - o | ŏ | | ő. | ő | Ö | 0 | gain da k | 1 | 7 | 13 | WHI! | 4 | 0 | 0 | 15. | 0 | 12 | 0 | 100 | 05:00 |
| 40 | 0 | 0 | | o. | 0 | 0 | 0 | | 6 | 17 | 13 | | 4 | 0 | 0 | | 0 | | 0 | Ē., | 06:00 |
| 120 | ŏ | . 0 | | ŏ | . 0 | 0 | 5 | | . 8 | 38 | 46 | £ #1 | 15 | 3 | 1 | 8 | 0 | | - 4 | | 07:00 |
| 279 | 0 | 0 | | o o | 0 | 1 | 2 | | 7 | 72 | 95 | | 52 | 31 | 4 | | 0 | | 15 | | 08:00 |
| 329 | ŏ | ő | 42 | ŏ | ŏ | Ó | 2 | 9530 J | 9 | 91 | 23 | 400 | 66 | 16 | . 1 | 1 | 6 | | 15 | 1 | 09:00 |
| 263 | 0 | ñ | | ő | 0 | 0 | 0 | | 20 | | 96 | | 51 | 18 | 5 | | 3 | | 11 | | 10:00 |
| 265 | 0 | ň | 10 | ŏ | ŏ | ñ | 0 | 3666 | 13 | 59 56 | 94 | | 55 | 22 | 4 | 21 | 3 | | 18 | 1 | 11:00 |
| 224 | 0 | ő | | Ö | | 0 | 0 | | 11 | 37 | 87 | | 60 | 6 | 7 | | 6 | | 10 | - 10 | 12 PM |
| 257 | ŏ | ő | | ŏ | ő | 1 | 1 | | 7 | 53 | 98 | | 55 | . 18 | 3 | | 7 | | 14 | 1 | 13:00 |
| 256 | 0 | ő | | 0 | 0 | 0 | 'n | | 10 | | 96 | | 72 | | 3 | | 4 | | 7 | 0.0 | 14:00 |
| 311 | ů. | ñ | - 9 | ŏ | ŏ | ň | 1 | 1 1 | . 8 | 39 50 | 25 | | 87 | 25 24 | 4 | | 2 | | 10 | | 15:00 |
| 360 | Õ | ő | | ő | ő | Õ | 2 | | 17 | 65 | 33 | | 92 | 17 | 4 | | 3 | | 27 | | 16:00 |
| 381 | ŏ | Ď. | 400 | ŏ | ň | ñ | 1 | W. Atti | 8 | 86 | 74 | 200 | 83 | 7 | 8 | 645.55 | 1 | | 13 | | 17:00 |
| 379 | 0 | ŏ | | 0 | 0 | ŏ | 0 | | 6 | 40 | 64 | | 101 | 40 | 3 | | 5 | | 20 | | 18:00 |
| 334 | ŏ | ň | 9124 | ň | ň | - 4 | 1 | | . 8 | 56 | 53 | erkst. | 94 | 6 | 2 | 900 | - 0 | | 13 | | 19:00 |
| 213 | 0 | 0 | | 0 | 0 | Ó | ó | | 12 | 44 | 38 | | 50 | 12 | 1 | | 0 | | 6 | | 20:00 |
| 140 | | 0 | | ŏ | ň | ő | 1 | 2002.74 | 4 | 38 | 52 | | 33 | 2 | 2 | | 0 | | 8 | | 21:00 |
| 133 | 0 | 0 | | 0 | . 0 | ő | 0 | | 9 | 41 | 38 | | 37 | 5 | 1 | | 1 | | 1 | | 22:00 |
| 107 | ŏ | . 0 | | ň | 0 | ñ | 0 | le di cal | 8 | 34 | 45 | Jan . | 12 | 1.0 | 4 | | 0 | | 3 | | 23:00 |
| 4608 | 0 | 0 | 10-2-6 | 0 | 0 | 5 | 18 | 41 | 190 | 979 | 10 | 1 | 1045 | 257 | 57 | O. P. Control | 45 | | 202 | | Total |

Daily

15th Percentile:

50th Percentile : 85th Percentile : 95th Percentile: 31 MPH 37 MPH 43 MPH 45 MPH

Mean Speed(Average) : 10 MPH Pace Speed :

36 MPH 31-40 MPH

Number in Pace :

2855

Percent in Pace :

62.0%

Number of Vehicles > 30 MPH:

111

4047

Percent of Vehicles > 30 MPH:

104

87.8%

3616

2049

386

43

6

0

0

0

0

9188

Grand Total Overall

392

2015

15th Percentile: 50th Percentile:

466

31 MPH 38 MPH 43 MPH 45 MPH

85th Percentile : 95th Percentile:

Mean Speed(Average) : 10 MPH Pace Speed :

36 MPH 36-45 MPH 5665

Number in Pace :

Percent in Pace :

61.7%

8115

Number of Vehicles > 30 MPH: Percent of Vehicles > 30 MPH:

88.3%

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016

Site Code: 44 Date Start: 18-Nov-08

Date End: 19-Nov-08 Date Start: 18-Nov-08

Manley St, north of West Chestnut St

| A I | |
|-----|---|
| IVI | ĸ |

| Start | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 74 | | |
|----------|------|----------|----------------|-------------------|-------|--------------|------|--|---|-------------------|---------------|---------------|-----------|-----------|-----------------------|
| _Time | 15 | 20 | 25 | 30 | 35 | | 45 | | | | | | | 76 | |
| 11/18/08 | 1 | 0 | 2 | 3 | 22 | 19 | 14 | | | | 65 | | | | |
| 01:00 | 0 | 0 | 2 | 2 | SS-31 | 10 ch. 44 17 | 12 | | | | 0 | | | 0 | 66 |
| 02:00 | 0 | 0 | 0 | 0 | 2 | 12 | | A CONTRACTOR | | North and rate Of | Section Sales | 0 | 0 | 0 | 15 PER 17 PER 17 PER |
| 03:00 | | 0 | 0 | 46-35 7 7 | 7 | 15 | | usiessiitud i | Sken - S | 0 | | 0 | 0 | 0 | 26 |
| 04:00 | 1 | 0 | 0 | 0 | 7 | 16 | 3 | ationalist in the section of the sec | 200200000000000000000000000000000000000 | | 0 | 355 355 30 | 2,100,000 | 0 | Control of the second |
| 05:00 | 加州等社 | 0 | \$ 49 E SAN EN | 90-88 /1 3 | 9 | 18 | 10 | 3 | - 1 m | 100 Mar. 110 M | | 0 | 0 | 0 | 30 |
| 06:00 | 1 | 0 | 0 | 6 | 17 | 42 | 42 | 17 | 0.0000000000000000000000000000000000000 | | Section and O | 4-78 (4-1410) | ~90 | 0 | 45 |
| 07:00 | 13 | 2 | a Saine (1) 24 | 7 | 59 | 107 | 82 | 13 | - 5.45 | | 0 | 0 | 0 | 0 | 125 |
| 08:00 | 18 | 4 | 5 | 13 | 46 | 169 | 110 | | 3 | o page of | | - 40 | | <u> 0</u> | 291 |
| 09:00 | 20 | 22 | 10 % | 20 | 54 | 117 | 96 | 15 | สารสาราสั | este 3 - 3 - 6 | 1 - 5 - 5 - 6 | | 0 | 0 | 390 |
| 10:00 | 15 | 4 | 11 | 16 | 64 | 142 | 67 | 13 | ************************************** | | , u | 0 | | 0 | 358 |
| 11:00 | 12 | 3 | 6 | 19 | 59 | 121 | 64 | 13 | 30 81 . A S X | - 40 Bar 340 | 1000 | Ü | 0 | 0 | 332 |
| 12 PM | 17 | 5 | 1 | 8 | 81 | 109 | 52 | 6 | 0 | -5 years 2 . M | | | - 33.0 | | 302 |
| 13:00 | 7 | Q5-14. 1 | 2 | 22 | 92 | 110 | 60 | 9 | Anti Ja | ័ | | 0 | 0 | 0 | 279 |
| 14:00 | 22 | 0 | 15 | 22 | 86 | 129 | 42 | 7 | · 1 | | | 0 | 0 | 0 | 304 |
| 15:00 | 12 | 8 | - 11 - | 6 | 56 | 130 | 62 | 1000 - 15 | | | | 0 | 0 | 0 | 324 |
| 16:00 | 12 | 7 | 8 | 18 | 66 | 136 | 83 | 13 | 1 | 0 | | 0 | 0 | 0 | 294 |
| 17:00 | 20 | 0 | 5 | 22 | 121 | 160 | 55 | 7 | maria sabi | 0 | 0 | 0 | 0 | 0 | 344 |
| 18:00 | 23 | 14 | 5 | 23 | 110 | 142 | 46 | A | 4 | | | Ŏ | 0 | 0 | 390 |
| 19:00 | 13 | · 14 | 2 | 18 | 86 | 110 | 37 | 14 m | onen k | | | | 0 | . 0 | 368 |
| 20:00 | 4 | 0 | 2 | 9 | 50 | 72 | 22 | 5 | 1 | 0 | 0 | : 11vc :: xi0 | | 0. | 270 |
| 21:00 | | 0 | 40. TOM 15 | 3 | 28 | 62 | 18 | o la come e a come e | | 0 | 0 | 0 | 0 | 0 | 165 |
| 22:00 | 2 | 0 | 1 | 9 | 30 | | 16 | 2 | | 0 | Ü | wester 0. | 0 | 0 | 120 |
| 23:00 | 2 | 0 | Ówa | 3 | 8 | 38 20 | 110 | 9 | | 0 | 0 | 0 | 0 | 0 | 98 |
| Total | 222 | 71 | 91 | 251 | 1171 | 2013 | 1020 | 189 | 30 | 26 14-17-17-40-4 | | . 0 | 0. | 0 | 54 |
| | | | | | | 2010 | 1020 | 109 | 30 | | 1 | 0 | 0 | 0 | 5060 |

Daily

15th Percentile : 50th Percentile : 85th Percentile : 31 MPH 37 MPH 43 MPH 95th Percentile : 45 MPH

36 MPH 31-40 MPH 3184 62.9% 4425 87.5% Mean Speed(Average) : 10 MPH Pace Speed : Number in Pace : Percent in Pace : Number of Vehicles > 30 MPH : Percent of Vehicles > 30 MPH:

Community: Brockton Com#_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016

Site Code: 44 Date Start: 18-Nov-08 Date End: 19-Nov-08

Date Start: 18-Nov-08

Manley St. north of West Chestnut St

| NB | | | | | | | | | | | | | | | warney o | i, north c | N VVGSL CI | nestriut c |
|----------|-----------|-----|------|--------|-----|---------|---------|-----|------|----------------|------|-----------|----|------------|----------|------------|--|------------|
| Start | | 1 | 16 | | 21 | 26 | | 31 | 36 | 41 | 46 | - 51 | 56 | 61 | 66 | 71 | 76 | |
| Time | 15 | 5 | 20 | | 25 | 30 | | 35 | 40 | 45 | 5 50 | 55 | 60 | 65 | | 75 | 999 | Total |
| 11/19/08 | | 3 | 1 | | 0 | | ; | 21 | 25 | 23 | | 0 | | 0 | 0 | 0 | 0 | 82 |
| 01:00 | | 2 | . 0 | 1426 | 0 | | STEW LA | 8 | 21 | | 3 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 02:00 | | 1 | 0 | | 0 | |) | 6 | 14 | 6 | 3 2 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 03:00 | Part of | 2 | 0 | | 0 | 1 | 100 | 5 | 18 | |) 4 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| 04:00 | | 1 | 0 | | 0 | 1 | | 8 | 7 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | Ó | 23 |
| 05:00 | 1 |) | 0 | | 0 | CH 2554 | 200 | 14 | 18 | | 5 | 115 | 0 | *45 A*11 0 | 0 | 0.00 | . 0 | 50 |
| 06:00 | (| 0 | 0 | | 0 | 1 | | 21 | 44 | 43 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 125 |
| 07:00 | 90 m 1 | 5 . | 0 | | 0 | | 1 -9 | 76 | 127 | 77 | 12 | . 4 | 0 | 0 | 0 | 0 | 0 | 309 |
| 08:00 | 16 | 3 | 9 | | 7 | 8 | | 80 | 136 | 101 | | 3 | 0 | 0 | Ö | 0 | 0 | 371 |
| 09:00 | 2 | 5 | 9 | | 3 | 14 | 100 | 50 | 156 | 86 | | 100-100-1 | 4 | . 0 | Ŏ | Ö | ŏ | 364 |
| 10:00 | 12 | | 4 | | 6 | 18 | | 81 | 123 | 63 | | 2 | 0 | o. | 0 | 0 | 0 | 321 |
| 11:00 | 20 |) | - 6 | | 7 | 10 | 11815 | 53 | 141 | 71 | | Ō | 0 | . 0 | 0 | ő | ñ | 325 |
| 12 PM | 13 | 3 | 3 | | 0 | 22 | | 64 | 103 | 47 | | 1 | 0 | 0 | 0 | ň | 0 | 263 |
| 13:00 | 20 | | 5 | -14. | 7 | 17 | | 89 | 104 | 43 | | A SUD A | ñ | ň | ň | o o | ŏ | 296 |
| 14:00 | | 3 | 3 | | 8 | 14 | | 62 | 113 | | | 2 | 0 | 0 | 0 | 0 | 0 | |
| 15:00 | 18 | 3 | 5 | \$ 940 | 7 | 10 | | 67 | 148 | 65 43 66 | - 10 | ō | ň | i i | ñ | ñ | ñ | 285 308 |
| 16:00 | 15 | | 2 | | 2 | 21 | | 68 | 157 | 66 | 11 | 0 | 0 | . 0 | 0 | ő | 0 | 342 |
| 17:00 | 14 | | 9 | | 5 | 20 | | 103 | 163 | 56 | 8 | 2 | ñ | ň | Õ | ň | ň | 380 |
| 18:00 | 20 |) | 3 | | 9 | 30 | | 116 | 135 | 43 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 360 |
| 19:00 | 13 | | - 1 | 10 | 6 | 16 | | 64 | 98 | 43 41 | 10 | 2 | | ň | ŏ | ŏ | i de la companya di l | 252 |
| 20:00 | 14 | | 3 | | ñ | 11 | | 45 | 83 | 19 | | 0 | 0 | 0 | 0 | 0 | 0 | 180 |
| 21:00 | 11000 | | 0 | | 2 | | 4.5 | 39 | 52 | 29 | 3 | 9 | 0 | ŏ | ň | ŏ | ň | 139 |
| 22:00 | é | | 0 | | 2 | 3 | | 32 | 39 | 15 | | 1 | 0 | 0 | 0 | 0 | 0 | 103 |
| 23:00 | here of E | (0) | ň | 12 | , ō | | 1.63 | 10 | 28 | 16 | | | 0 | 0 | Ö | | . 0 | 71 |
| Total | 241 | | 63 | restri | 71 | 247 | 1 | 182 | 2053 | 981 | | 26 | 2 | 0 | 0 | 0 | 0 | 5060 |
| · Otal | 24 | | - 00 | - | -/1 | 241 | | 102 | 2000 | 901 | 134 | | | | | 0 | | อบชบ |

Daily

15th Percentile:

31 MPH

50th Percentile: 85th Percentile:

37 MPH 43 MPH

95th Percentile:

45 MPH

Mean Speed(Average): 10 MPH Pace Speed:

36 MPH 31-40 MPH

Number in Pace :

3235

162

63.9%

Percent in Pace : Number of Vehicles > 30 MPH : Percent of Vehicles > 30 MPH :

4438

134

87.7%

4066

2001

383

56

3

1

0

0

10120

| | | and otal | |
|---|----|-------------|--|
| c | ve | rall | |

463

15th Percentile: 50th Percentile:

498

2353

31 MPH

85th Percentile:

37 MPH

95th Percentile:

43 MPH 45 MPH

Mean Speed(Average): 10 MPH Pace Speed:

36 MPH

Number in Pace :

31-40 MPH 6419

63.4%

Percent in Pace : Number of Vehicles > 30 MPH : Percent of Vehicles > 30 MPH :

8863 87.6%

Community: Brockton Com#_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016 Site Code: 44

Date Start: 18-Nov-08 Date End: 19-Nov-08

Date Start: 18-Nov-08 Manley St, north of West Chestnut St

SB, NB

| Start | 1. | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 00 | 7.4 | | |
|----------------|----------|-------------|-----------------------------|--------------------|---------------|----------|---------------|------------------------|--------------------------|----------------------------|----------------------|---------------|-----------------|--------------|------------|
| Time | 15 | 20 | 25 | 30 | 35 | | | | | | | | | 76 | |
| 11/18/08 | | | | 3 | | | 45 | | 55 | 60 | 65 | 70 | 75 | 999 | Total |
| 01:00 | | Christian C | tare and the second | 3 | 38 | | 39 | | | 0 | 0 | 0 | 0 | 0 | 145 |
| 02:00 | | C | Ô | U Takes reletib | Super-sales[C | 25 | 29 17 | ARTHUR SAME | ar haras 0 | 0 | 京為多數數1 | 0 | 0 | 2 0 | 100 |
| 03:00 | | at jame o | o o | ili meğ | 12 | | 17 | d Vanandakka | O Sections substitute | 0 | | 0 | 0 | 0 | 50 |
| 04:00 | | 0 | 2 | 0 | 11 | 25 | O scalescol O | 4 854235,789455 | TORON SER | ATECHNO. | . 0 | 0 | 0 | 0 | 49 |
| 05;00 | | 0 | SASSINGIA. | 2 | 13 | 29 | 21 | 3 | 100000 | O Official states and a | 0 | 0 | 0 | 0 | 54 |
| 06:00 | | 0 | 0 | 6 | 20 | | 52 | 20 | 2 | ~ .27%AQ# Q , | 0 | 10 m | 0 | . 0 | 73 |
| 07:00 | 23 | 4 | 2 | 9 | 71 | | 118 | 20 16 | 8 | Tre Continue 6 | #∛cJ.∜6 | 0 | 0 | 0 | 155 |
| 08:00 | 35 | 4 | 8 | 31 | 106 | | 177 | 32 | | 9 8 8 1 1 1 1 1 1 | 2Y0354 -50, 0 | 3,500,000 | 0 | 0. | 407 |
| 09:00 | 41 | 29 | 13 | 29 | 98 | 227 | 198 | 41 | ata era 📆 | ം കടെ ക് | a et tole a d | | 0 | 0 | 659 |
| 10:00 | 28 | 9 | 16 | 30 | 130 | | 123 | 25 | 3 | 0 | n e e e e | A TEMPERATURE | 0 | 0 | 683 |
| 11:00 | 22 | 13 | / 福 李 利1 1 | 29 | 123 | 209 | 113 | 27 | 4 | - ซ. ซลา ทั้ง | ា ខេត្ត | ്യാം പ്ര | | 0 | 608 |
| 12 PM | 26 11 | 6 | 4 | 14 | 132 | | 113 | 25 | 1 | 0 | 0 | 0 | er secesiteito: | v sastanin. | 552 |
| 13:00 14:00 | | 4 | 6 | 38 | 153 | 1000 | 107 | 17 | 2 | Ō | ŏ | ം കൊണ് | ാ ം ക് | o o | 511 545 |
| 15:00 | 39 28 | 4 | 20 | 47 | 161 | 235 | 99 | 13 | 1 | 0 | Ô | 0 | 0 | | 619 |
| 16:00 | 21 | 12 | 16 | 22 | 125 | | 122 | 21 | - X 4 | 0 | Ō | ŏ | ŏ | . ∂:ñ: | 586 |
| 17:00 | 37 | 3 | 10 | 43 | 146 | | 149 | 24 | 3 | 1 | 0 | 0 | ő | | 670 |
| 18:00 | 44 | 23 | | 40 | 199 | 333 | 123 | 15 | 690M | 0 | 0 | · 0. | Ö | ាស សារស័ព្ទិ | 757 |
| 19:00 | 20 | - 3 | 13 | 41 | 210 | 319 | 117 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 777 |
| 20:00 | 11 | 0 | an a real region o a | 28 17 | 153 | 261 | 106 | 7 | 0 | 0 | 0 | 0 | 0 | , ŏ | 586 |
| 21:00 | 10 | ് | nikasa - G u | 6 | 93 51 | 163 | 77 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 380 |
| 22:00 | 4 | 3 | 2 | 17 | 49 | 136 | 77 | ୀ ୀୟ: | 0 | 0 | 0 | | 0 | 0 | 295 |
| 23:00 | 3 | ŏ | | 3 | 49 25 | 87 57 | 54 | | 2 | 0 | 0 | 0 | Ö | 0 | 227 |
| Total | 412 | 130 | 145 | 460 | 2141 | 3819 | 2090 | 21 | 3 | 4.0 | 0 | 0 | | | 152 |
| | | | 1,40 | | 2141 | 3019 | 2090 | 385 | 55 | 2 | 1 | 0 | 0 | 0 | 9640 |

Daily

 15th Percentile:
 31 MPH

 50th Percentile:
 38 MPH

 85th Percentile:
 43 MPH

 95th Percentile:
 45 MPH

 Mean Speed(Average):
 36 MPH

 10 MPH Pace Speed:
 31-40 MPH

 Number in Pace:
 5960

 Percent in Pace:
 61.8%

 Number of Vehicles > 30 MPH:
 8493

 Percent of Vehicles > 30 MPH:
 88.1%

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016 Site Code: 44 Date Start: 18-Nov-08

Date End: 19-Nov-08 Date Start: 18-Nov-08

Manley St. north of West Chestnut St

| SB, NB | | | | | | | | | | | | | Manley S | ot, north c | or vvest C | nestnut St |
|----------|------|---|-----|---------------------------------------|----------|-------------|------|------|------|---------------|--------------------|---------------|----------|-------------|------------|------------|
| Start | | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | - 51 | 56 | 61 | 66 | 71 | 76 | <u></u> |
| Time | 15 | 5 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total |
| 11/19/08 | | 6 | 2 | 0 | 8 | 30 | 54 | 43 | 14 | 1 | 1 | 0 | | 0 | 0 | 159 |
| 01:00 | | 3 | 2 | Ò | 3 | 750 mil 172 | 41 | 24 | 4 | A 100 . 18 1. | . 0 | 0 | 0 | 0 | 0 | 89 |
| 02:00 | | 2 | 1 | 0 | 0 | 9 | 25 | 12 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 53 |
| 03:00 | | 3 | 0 | 0 | 3 9 | 6 | 27 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| 04:00 | | 2 | 0 | 0 | . 1 | 14 | 15 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| 05:00 | |) | 0 | 0 | ×4 | 18 | 31 | 15 | 6 | ALVERY TOTAL | 0 | . 0 | 0 | 0 | 0 | 75 |
| 06:00 | | 0 | 0 | 0 | 1 | 25 | 57 | 60 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 165 |
| 07:00 | 1 | 9 | 0 | · · · · · · · · · · · · · · · · · · · | ં બ્લા | 91 | 173 | 115 | 20 | 9 | 0 | <i>്</i> 10 € | 0 | 0 | 0 | 429 |
| 08:00 | 3 | | 9 | 11 | 39 | 132 | 231 | 173 | . 18 | 5 | 1 | 0 | 0 | 0 | 0 | 650 |
| 09:00 | - 40 | | 15 | 4 | 30 | 116 | 279 | 177 | 28 | 3 | . 1974 Pe 1 | Ô | 0 | 0 | 0 | 693 |
| 10:00 | 2 | | 7 | 11 | 36 | 132 | 219 | 122 | 32 | 2 | 0 | 0 | 0 | 0 | 0 | 584 |
| 11:00 | 38 | | 9 | 11 | 32 | 108 | 235 | 127 | 30 | . 0 | 0 | | 0 | - 0 | 0 | 590 |
| 12 PM | 23 | | 9 | 7 | 28 35 | 124 | 190 | 84 | 21 | . 1 | 0 | .0 | 0 | 0 | 0 | 487 |
| 13:00 | 34 | | 12 | 10 | | 144 | 202 | 96 | 17 | 2 | 2 20 ST | 0 | 0 | 0 | 0 | 553 |
| 14:00 | 15 | | 7 | 11 | 39 | 134 | 209 | 104 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 541 |
| 15:00 | . 28 | | . 7 | 11 | 34 | 154 | 273 | 93 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 619 |
| 16:00 | 42 | | 5 | 6 | 38 | 160 | 290 | 131 | 28 | 2 | 0 | 0 | 0 | 0 | 0 | 702 |
| 17:00 | 2 | | 10 | 13 | 27 | 186 | 337 | 142 | 16 | · .>>,3 | 0 | 0 | 0 | 0 | 0 | 761 |
| 18:00 | 40 | | 8 | 12 | 70 | 217 | 299 | 83 | 10 | Ó | 0 | 0 | 0 | 0 | 0 | 739 |
| 19:00 | 26 | | 1 | 8 | 22 | 158 | 251 | 97 | 18 | 3 | 2 | 0 | . 0 | 0 | 0 | 586 |
| 20:00 | 20 | | 3 | | .23 | 95 | 171 | 63 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 393 |
| 21:00 | 15 | 5 | 0 | 4 | 7 | 72 | 104 | 67 | 7 | 3 | 0 | 0 | . 0 | 0 | 0 | 279 |
| 22:00 | 7 | 7 | . 1 | 3 | 8 | 69 | 77 | 56 | 14 | 1 | 0 | . 0 | 0 | 0 | 0 | 236 |
| 23:00 | 100 | | 0 | 4 | . 5 | 22 | 73 | 50 | 13 | 2 | .0 | 0 | 0 | 0. | 0 | 178 |
| Total | 443 | 3 | 108 | 128 | 504 | 2227 | 3863 | 1960 | 384 | 44 | 7 | 0 | 0 | . 0 | 0 | 9668 |

Daily

15th Percentile:

31 MPH 37 MPH 43 MPH

50th Percentile : 85th Percentile : 95th Percentile:

45 MPH

Mean Speed(Average) : 10 MPH Pace Speed : Number in Pace :

36 MPH 31-40 MPH 6090

Percent in Pace :

63.0%

Number of Vehicles > 30 MPH:

8485

Percent of Vehicles > 30 MPH:

87.8%

7682

4050

769

99

9

0

0

0

19308

Grand Total Overall

855

238

273

31 MPH

4368

15th Percentile: 50th Percentile: 85th Percentile: 95th Percentile:

964

37 MPH 43 MPH 45 MPH

Mean Speed(Average) : 10 MPH Pace Speed :

36 MPH

Number in Pace :

31-40 MPH

Percent in Pace :

12050

Number of Vehicles > 30 MPH:

62.4%

Percent of Vehicles > 30 MPH:

16978 87.9%

Community: Brockton Com#_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016

Station ID: 7016 Site Code: 44 Date Start: 18-Nov-08 Date End: 19-Nov-08 Date Start: 18-Nov-08 Manley St, north of West Chestnut St

| OD | | | | | 20 00-100 | | | | | | | waniey | St, north | of West C | hestnut |
|-------------------|--------------|------------|------------------|--|-----------|----------------|-------------|---------------|---------|--------|--------------------|--------|-----------|-----------|---------|
| Start Time | Bikes | Cars & | | | 2 Axle | | | <5 AxI | | >6 Axl | <6 AxI | 6 Axle | >6 AxI | | Truck |
| 11/18/08 | Bikes | Trailers | Long | | 6 Tire | Single | Single | Double | Double | Double | Multi | Multi | Multi | Total | Tota |
| 01:00 | out Tylon V | 57 46 | 18 | And the second second | 1 | | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 79 | 1014 |
| 02:00 | 1 | 12 | 9 | 0 | 0 | | 0 | 0 | 2000 45 | 0 | 0 | 0 | 0 | 53 | E MESSA |
| 03:00 | Ó | 10 | 3947e (3896555.3 | an Maria Sa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 2 |
| 04:00 | 2 | 11 | 5 | 1 | 3 | 0 | 0 | 2150 000 1510 | 0 | 0 | 0 | 0 | 0 | 11 | 0.00 |
| 05:00 | | 18 | 5 | and and the | 2 | e constant | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 24 | |
| 06:00 | 0 | 14 | 9 | 0 | 4 | 0 | 0 | 1 | 3 | 0 | . 0 | | | 28 | 4 |
| 07:00 | 4 | 77 | 25 | 3 | 4.26 N. 2 | was a language | ő | | | | Unit of the second | 0 | 0 | 30 | 7 |
| 08:00 | 4 | 190 | 51 | 3 | 14 | 4 | 0 | 0 | | 0 | 0 | 0 | 0 | 115 | 9 |
| 09:00 | . E. S. S. 4 | 247 | 57 | | 13 | ar en s | region is 👸 | 111111111111 | 2 | | 0 | 0 | 0 | 268 | 23 |
| 10:00 | 2 | 185 | 56 | ρ | 16 | 4 | 0 | 0 | 0 | . 0 | 0 | 0 | 0 | 324 | 19 |
| 11:00 | 3 | 154 | 60 | 50000 6 | 21 | 5 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 275 | 32 |
| 12 PM | 2 | 143 | 53 | 3 | | | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 250 | 33 |
| 13:00 | ត់ | 157 | 54 | | 28 13 | 0 | 0 | . 0 | 2 | . 0 | 0 | 0 | 0 | 231 | 33 |
| 14:00 | 3 | | | ************************************** | | 3 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 240 | 29 |
| 15:00 | | 183 | 61 72 | 9 | 27 | 6 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 294 | 47 |
| 16:00 | 12 | 183 | | 5 | 21 | - 1 | 0 | 6 | 2 | 0 | 0 | 0 | 0 | 291 | 35 |
| CONTRACTOR STREET | iy Naza d | 198 | 89 | 6 | 25 | . 1 | . 0 | 1 | 2 | 0 | 0 | 0 | 0 | 326 | 35 |
| 17:00 | 2 | 239 | 96 | 5 | 17 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | o o | 366 | 29 |
| 18:00 | 4 | 281 | 91 | 6 | 15 | 7 | 0 | 3 | 1 | . 0 | 0 | 0 | 0 | 408 | 32 |
| 19:00 20:00 | 2 | 231 | 63 | 2 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | ŏ | 0 | 315 | 19 |
| 21:00 | 0 | 168 144 | 37 | 0 | 9 | 0 | . 0 | 0 | 0 | 0 | 0 | 0 | 0 | 214 | 9 |
| 22:00 | 3 | 96 | 23 | 1 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 174 | 7 |
| 23:00 | ž | 75 | 20 15 | 0 | 6 | | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 129 | 10 |
| Total | 42 | 3119 | 974 | 69 | 264 | 37 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 98 | 6 |
| Percent | 0.9% | 68.3% | 21.3% | 1.5% | 5.8% | 0.8% | 0.0% | 31 | 30 | 1 | 0 | 0 | 0 | 4567 | 432 |
| AM Peak | 07:00 | 09:00 | 11:00 | 10:00 | 11:00 | 11:00 | 0.0% | 0.7% 10:00 | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | | 9.5% |
| Vol. | 4 | 247 | 60 | 8 | 21 | 5 | | 3 | 10:00 | 08:00 | | | | 09:00 | 11:00 |
| PM Peak | 16:00 | 18:00 | 17:00 | 14:00 | 12:00 | 18:00 | | 15:00 | 13:00 | | | | | 324 | 33 |
| Vol. | 4 | 281 | 96 | 9 | 28 | 7 | | 6 | 3 | | | | | 18:00 | 14:00 |
| | | | | | | | | | • | | | | | 408 | 47 |

Community: Brockton Com#_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Percent

20.8%

1.5%

5.8%

0.9%

0.0%

0.7%

0.8%

0.0%

0.0%

0.0%

0.0%

9.6%

Station ID: 7016 Site Code: 44 Date Start: 18-Nov-08

Date End: 19-Nov-08 Date Start: 18-Nov-08

| SB | | | | | | | | | | | | Manley | St, north | of West C | hestnut St |
|----------|---|----------|--------|-----------|----------------|------------|---------|---------------------|----------------------|---------------|------------|-------------------------|------------------------|------------|------------|
| Start | | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 Axl | 5 Axle | >6 Axi | <6 Axi | 6 Axle | >6 Axl | | Truck |
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | | | Multi | Multi | Multi | Total | Total |
| 11/19/08 | 1 | 67 | 7 | 0 | 2 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 77 | 10(a) |
| 01:00 | 2 | 36 | 8 | 0 | adentii (| 25. 4 . S. | , les o | 2 / 2 / O | | ŏ | - C- 14-20 | · · · · · · · · · · · · | | 48 | 50 to 5 |
| 02:00 | 1 | 14 | 7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 2 |
| 03:00 | 0 | 14 | 4 | 5494A | 0 | 0 | Ö | 0 | AUG TO SE | Ŏ | ő | o So | Ŏ | 20 | 2 |
| 04:00 | 1 | 15 | . 1 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 23 | 6 |
| 05:00 | September 1 | 11 | 7 | 0 | 4 | 0 | 0 | | \$940 4 5 5 1 | 0 | 0 | 0 | THE STO | 25 | 6 |
| 06:00 | 0 | 24 | 8 | . 1 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 40 | 8 |
| 07:00 | 0.0 | 85 | 26 | | 3 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 120 | 9 |
| 08:00 | 6 | 199 | 46 | 4 | 15 | 4 | 0 | 2 | 2 | 0 | . 0 | 0 | 0 | 278 | 27 |
| 09:00 | 2 | 245 | 53 | 7. Fv. 8. | 14 | . 3 | 0 | . 4 ° ∋e 1 . | 2 | 0 | O | 0 | 0 | 328 | 28 |
| 10:00 | 3 | 166 | 60 | 5 | 19 | 3 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 263 | 34 |
| 11:00 | 5 | 175 | 52 | 6 | 13 | ം ⊹്3 . | 0 | | 7 | Ô | ະ ຄ້. | ດ້ | : 52.60 - 1 6 1 | 264 | 32 |
| 12 PM | 0 | 133 | 59 | 4 | 22 | 4 | Ö | 1 | 0 | 0 | ő | 0 | 0 | 223 | 31 |
| 13:00 | 2 | 173 | 50 | 5 | 17 | 4 | 0 | - h-4-14. | | 14.5 Tu - 2.0 | ŏ | tzent ut dő i | .::44 | 257 | 32 |
| 14:00 | 1 | 169 | 58 | 1 | 17 | 3 | 0 | 4 | 2 | 0 | Õ | 0 | 0 | 255 | 27 |
| 15:00 | 1 | 206 | 62 | 7 | 24 | 0 | . 0 | 6 | 5 | 0 | | 0 | ň | 311 | 42 |
| 16:00 | 2 | 238 | 77 | 5 | 28 | 2 | 0 | 5 | 2 | | | 0 | | 359 | 42 |
| 17:00 | 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 238 | 103 | 6 | 22 | 6 | ő | 4 | | ő | ő | ŏ | · | | 39 |
| 18:00 | 5 | 268 | 76 | 5 | 21 | | | • | 87/2 . NI | | | | | 381 | |
| 19:00 | 2 | 251 | 61 | | 12 | 2 | . 0 | . 2 | | | 0 | | 0 (26.36) | 378 | 29 |
| 20:00 | 0 | 161 | 35 | . 3 | 10 | 3 | | | | | | Ŏ | 0 | 333 | 19 |
| 21:00 | -a -1/2 | 102 | 33 | | / - 3 - | | | 0 | | | 0 | 0 | | 212 139 | 16 |
| 22:00 | 2 | 106 | 18 | 1 | 4 | 0 | 0 | 0 | 1 | | . 0 | | | 132 | 3 |
| 23:00 | والأورانيدي | 81 | 19 | | 4 | 2 | | ŏ | ó. | | | | 0 | 107 | |
| Total | 40 | 3177 | 930 | 68 | 263 | 44 | 0 | 36 | 39 | 0 | 0 | 0 | 0 | 4597 | 450 |
| Percent | 0.9% | 69.1% | 20.2% | 1.5% | 5.7% | 1.0% | 0.0% | 0.8% | 0.8% | 0.0% | 0.0% | 0.0% | 0.0% | 4001 | 9.8% |
| AM Peak | 08:00 | 09:00 | 10:00 | 09:00 | 10:00 | 08:00 | | 10:00 | 11:00 | | | 0.070 | 0.070 | 09:00 | 10:00 |
| Vol. | 6_ | 245 | 60 | 8 | 19 | 4 | | 3 | 7 | | | | | 328 | 34 |
| PM Peak | 18:00 | 18:00 | 17:00 | 15:00 | 16:00 | 17:00 | | 15:00 | 15:00 | | | | | 17:00 | 15:00 |
| Vol. | 5 | 268 | 103 | 7 | 28 | 6 | | 6 | 5 | | | | | 381 | 42 |
| | | | | | | | | | | | | | | | |
| Grand | 82 | 6296 | 1904 | 137 | 527 | 81 | 0 | 67 | 69 | 4 | 0 | 0 | 0 | 0464 | 000 |
| Total | | 3200 | .004 | 107 | 521 | 01 | U | 07 | 09 | ' | U | U | U | 9164 | 882 |

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016 Site Code: 44 Date Start: 18-Nov-08 Date End: 19-Nov-08 Date Start: 18-Nov-08 Manley St, north of West Chestnut St

| | | | | | | | | | | | | | | ate Start: | 18-Nov-08 |
|---------------------------------------|------------------------|---------------|-------------------|-------------------|---------------|----------------|---------------------|---------------|----------------|-------------|----------------|--------------------|--|---------------------------------------|--|
| NB | | | | | | | | | | | | Manley | St, north | of West C | hestnut St |
| Start | | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axie | <5 Ax | 5 Axle | >6 AxI | <6 Axl | | >6 Ax | | |
| Time_ | Bikes | Trailers | Long | Buses | 6 Tire | Single | | | | | | | | | Truck |
| 11/18/08 | | 47 | 12 | 0 |) 1 | 2 | Cinigio | |) S | | - IVIUILI 0 | | Multi | | Total |
| 01:00 | 4.88 F. S. (1) | 34 | 4 | | 4 | 新疆 克斯 | 91.55% P.O. | La gardenn | N-1000364 A.E. | Ŏ | | | | | 6 |
| 02:00 03:00 | 0 | 15 | 7 | O Cooker Colored | 1 | 2 | C |) 1 | (| 0 | 0 | 0 | U 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 | 47 26 | 4 (4 (4) (4) (4) (4) (4) (4) (4) (4) (4) |
| 04:00 | with States 1 | 24 | , TETT JULIE 1965 | Negrigo a di | 1950 SERVA | | \$3.800 HO | | h fanasz | 0 | Ö | ****** Ö | etta kend | 38 | 8.588889.0 <mark>0</mark> c |
| 05:00 | e vista vazoni. | 15 32 | 20.2% bross | 0. (5. (5.4)) | 3 | 0 | 0 | 1 | | 0 | 0 | 0 | 0 | 30 | 8 |
| 06:00 | . Question (1995) | 76 | CELLER LEVE | 1.0000000004 | adation and 3 | 0 | ********** 0 | | Desta e tad | 0 | 0 | Ō | 0 | | 8 |
| 07:00 | | en e contrato | 29 71 | 5 6 | 4 | .da | 0 | 3 | 6 | 0 | 0 | 1 | 0 | 125 | 20 |
| 08:00 | A Service Constitution | 178 | | . 8 | 2 mg | 5 | 0 | | 26 X 4 3 3 | 0 | 0 | 0 | 0 | 291 | 41 |
| 09:00 | 1990 i i i da | 265 | 102 | 0 | 15 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 389 | 21 |
| 10:00 | MAIN (3) | 260 220 | 71 | 5 | T S. 3 11 | Marie Series 1 | 海黑泽州 | 2 | - 3 | 0 | 0 | 0 | 0 | A second contract | 23 |
| 11:00 | 1400 - 6 . | 199 | 75 74 | | 23 | 2 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 332 | 37 |
| 12 PM | 1 | 183 | | agasta a <u>l</u> | 15 | 2 | 0 | 3 | eward | . 0 | 0 | 0 | 0 | | 28 |
| 13:00 | | 195 | 61 75 | stata 🐔 | 19 | 2 | | 2 | 2 | 0 | 0 | 0 | 0 | 278 | 33 |
| 14:00 | | | | <u>8</u> | 14 | 0 | 0 | 6 | 4 | 0 | 0 | . 0 | 1 | 303 | 33 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0 | 226 | 60 | 7 | 15 | 2 | 0 | 5 | 7 | 0 | 0 | 0 | 0 | 322 | 36 |
| 15:00 | 3 | 185 | 69 | | 20 | 3 | 0 | 5 | - 0 1 | 0 | 0 | 0 | 0 | 293 | 36 |
| 16:00 | | 245 | 67 | 9 | 15 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 343 | |
| 17:00 | (O : | 290 | 80 | 4 | . 11 | 0 | 0 | 3 | 1988 W. 18 | 0 | 35 Ta-6. | | - Sec. 16 | 389 | 30 19 |
| 18:00 | 4 | 280 | 60 | 4 | 9 | 5 | 0 | 4 | 1 | 0 | 0 | 0 | | 367 | 23 |
| 19:00 | 0 | 214 | 45 | 0 | 6. | Establish A. | 0 | 1 | 2 | ared aradio | 30 | ŏ | | 269 | 10 |
| 20:00 | 0 | 128 | 22 | 3 | 8 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 165 | 15 |
| 21:00 22:00 | | 99 | 14 | 0 | 3 | 0 | 0 | era kadi | sar indi | 0 | o o | 3004. 1 ŏ 1 | i i i i i i i i i i i i i i i i i i i | 119 | 5 |
| 23:00 | 100 H | 74 41 | 17 | | 3 | 1 | 0 | 1 | . 1 | 0 | 0 | Ö | 0 | 97 | 6 |
| Total | 19 | 3525 | 1038 | 0 89 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 53 | 5 |
| Percent | 0.4% | 69.9% | 20.6% | 1.8% | 234 4.6% | 34 0.7% | 2 | 49 | 52 | 0 | 1 | 1 | 1 | 5045 | 463 |
| AM Peak | 09:00 | 08:00 | 08:00 | 07:00 | 07:00 | 07:00 | 0.0% | 1.0% 08:00 | 1.0% | 0.0% | 0.0% | 0.0% | 0.0% | | 9.2% |
| Vol | 3 | 265 | 102 | 8 | 24 | 5 | 1 | 4 | 06:00 | | | 06:00 | | 08:00 | 07:00 |
| PM Peak | 18:00 | 17:00 | 17:00 | 16:00 | 15:00 | 18:00 | 12:00 | 13:00 | 14:00 | | 20:00 | 1 | 40.00 | 389 | 41 |
| Vol. | 4 | 290 | 80 | 9 | 20 | 5 | 1 | 6 | 7 | | 20:00 | | 13:00 | 17:00 | 14:00 |
| | | | | | | | | Ü | , | | , | | 1 | 389 | 36 |

Community: Brockton Com#_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016 Site Code: 44 Date Start: 18-Nov-08 Date End: 19-Nov-08 Date Start: 18-Nov-08 rth of West Chestout Start

| NB | | | | | | | | | | | | Manley | St, north | of West C | hestnut St |
|----------------|---|----------|--------|---------------|--------------|----------|------------|-----------|--------------------|-------------------|---------------------------|----------------------|---------------|------------|--------------------|
| Start | | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 Axi | 5 Axle | >6 Axl | <6 AxI | 6 Axle | >6 Axl | | Truck |
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | | | Multi | | Multi | Total | |
| 11/19/08 | 0 | 70 | 6 | 1 | 2 | 0 0 | 0111910 | 1 | 2 | Double | . iviuiti | O | 0 | 82 | Total |
| 01:00 | 0 | 29 | 7 | : 45 E 46 E 1 | 2 | Ō | Ŏ | ó | | രണം പത് | anta Na Ö | | o o | 40 | .ds4996.a x |
| 02:00 | 0 | 22 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 2 |
| 03:00 | : (1) 1 : (1) | 24 | 5 | | 2 | 2 | 0 | . 2 | 1980 4 H - 3 | ő | no di la co | . Single 600 | | 40 | 10 |
| 04:00 | 0 | 11 | 5 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | Ô | 0 | 0 | 23 | 7 |
| 05:00 | 0 | 30 | 7 | 4 | 5 | | 0 | | 2 | Ő | Ö | % 10 0 8 45 0 | o | 50 | - 13° |
| 06:00 | 0 | 77 | 33 | 4 | 3 | 1 | 0 | 2 | 4 | 0 | 0 | î | 0 | 125 | 15 |
| 07:00 | | 190 | 75 | 8 | 27 | 3 | 0 | 0 | 3 | 19 To 18 | 0 | 0 | Ô | 308 | 42 |
| 08:00 | 0 | 260 | 81 | 7 | 14 | 2 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 370 | 29 |
| 09:00 | | 266 | 71 | 6 | 12 | 0 | 0 | មានធំ | V)-4443 Š | - S | 5 | ň | o residentiĝo | 362 | 24 |
| 10:00 | 1 | 221 | 60 | 7 | 27 | 0 | Ö | 1 | 3 | 0 | 0 | 0 | 0 | 320 | 38 |
| 11:00 | 30.500 計画的 | 212 | 75 | 8 | 18 | 2 | 0 | 4 | 985 - 187 4 | ň | ň | ാ ം ക് | ാം ക് | 324 | 24 38 36 |
| 12 PM | 0 | 187 | 54 | 0 | 11 | | . 0 | 6 | 5 | 0 | 0 | | | 263 | 22 |
| 13:00 | 2019 - 📳 | 211 | 52 | 3 | 19 | or or in | ota ataj - | and the X | | atar n ă i | | ാം റ് | Nikit - K | 295 | 31 |
| 14:00 | | 205 | 51 | | 23 | | | | 4 | | · · · · · · · · · · · · · | 0 | 37.0 | | |
| 15:00 | - 45 g ~ j | 221 | 50 | 5 | 19 | | | | 3 | | | | 0 | 284 | 28 |
| 16:00 | | 230 | 77 | 6 | 16 | | | | | . 0 | 1 | 0 | AA G .Q | 307 | 35 |
| 17:00 | 3 | 272 | | | 16 | . 3 | U | | 3 | | | 0 | 0 | 341 | 34 30 |
| 18:00 | | 267 | 74 | 5 | | 3 | | 4 | 2 | . 0 | . 0 | - 0 | 0 | 379 | |
| 19:00 | | 195 | 44 | | 15 8 | 1 | Ů. | 1 | | 0 | 0 | 0 | 0 | 359 | 20 |
| 20:00 | | 133 | 32 | 1 | . 0 | | .0 | 1 050 | | | 0 | | 0 | 251 | 12 |
| 21:00 | õ | 105 | 25 | ் | 5 | | | 5 . 4: | | | | | 0 | 179 138 | 12 8 |
| 22:00 | Ö | 77 | 19 | 1 | 3 | Ö | ő | 1 | 1 | ,a 0 | | | | 102 | |
| 23:00 | -25-55 3 6 | 60 | 5 | 0 | St. Kara Tr. | ં -ાકોં. | Ŏ | Ó | 2 | ŏ | Ŏ | ŏ | | 70 | |
| Total | 13 | 3575 | 985 | 78 | 260 | 24 | 1 | 45 | 57 | 1 | 1 | 1 | 0 | 5041 | 468 |
| Percent | 0.3% | 70.9% | 19.5% | 1.5% | 5.2% | 0.5% | 0.0% | 0.9% | 1.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0011 | 9.3% |
| AM Peak | 03:00 | 09:00 | 08:00 | 07:00 | 07:00 | 07:00 | | 11:00 | 09:00 | 07:00 | | 06:00 | | 08:00 | 07:00 |
| Vol. | 1_ | 266 | 81 | 8 | 27 | 3 | | 4 | 5 | 1 | | 1 | | 370 | 42 |
| PM Peak | 17:00 | 17:00 | 16:00 | 16:00 | 14:00 | 16:00 | 13:00 | 12:00 | 12:00 | | 15:00 | | | 17:00 | 15:00 |
| Vol. | 3 | 272 | 77 | 6 | 23 | 3 | 1 | - 6 | 5 | | 1 | | | 379 | 35 |
| Grand | | | | | | | | | | | | | | | |
| Grand Total | 32 | 7100 | 2023 | 167 | 494 | 58 | 3 | 94 | 109 | 1 | 2 | 2 | 1 | 10086 | 931 |
| Percent | 0.3% | 70.4% | 20.1% | 1.7% | | 0.60/ | | | | 0.001 | | | | ,0000 | |
| - ercent | 0.3% | 70.4% | 20.1% | 1.7% | 4.9% | 0.6% | 0.0% | 0.9% | 1.1% | 0.0% | 0.0% | 0.0% | 0.0% | | 9.2% |

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016 Site Code: 44
Date Start: 18-Nov-08
Date End: 19-Nov-08
Date Start: 18-Nov-08

| SB, NB | | | | | | | | | | | | Manley | St. north | of West C | hestnut S |
|----------|--|----------|---------------|-----------------|-------------|--------------------|--------|---------------|---------------|---------|--------|-----------|------------|-----------|--------------|
| Start | | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 AxI | 5 Axle | >6 Axl | <6 AxI | | | | |
| _ Time | Bikes | Trailers | | Buses | 6 Tire | Single | Single | Double | | Double | Multi | | >6 Axi | | Truck |
| 11/18/08 | | 104 | | 0 | 2 | 3 | Origio | Double | Double | Double | | | Multi | | Total |
| 01:00 | | 80 | 8 | 報告が開発 | 4 | 2 | Ö | 1.000 ± 00.44 | | | 0 | | 0 | 145 | 10 |
| 02:00 | | 27 | 16 | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | 10 |
| 03:00 | | 34 | 6 | STORY OF STREET | 4 | Section 1 | 0 | 0 | 2 | e sanoñ | 0 | vie e ő | ARCHALON N | 50 49 | 6 |
| 04:00 | | 26 | 12 | 3 | 6 | 1 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 54 | 14 |
| 05:00 | | 50 | | 5 | 5 | 35. 364 1 . | 0 | 0 | 45.50 at 15.1 | 0 | i o | 9015 OF 0 | Ž. | 73 | 12 |
| 06:00 | Company of the Compan | 90 | 38 | 5 | 8 | 1 | 0 | 4 | 8 | . 0 | 0 | 1 | 0 | 155 | |
| 07:00 | | 255 | 96 | 11 | 28 | 6 | 0 | | 4 | 0 | o o | | | 406 | 27 50 |
| 08:00 | William Control B. C. Land | 455 | 153 | 3 | 29 | 1 | 0 | 6 | 4 | 1 | | 0 | 0 | | |
| 09:00 | 4 | 507 | 128 | 9 | 24 | 3 | 1 1 | 2 | 3 | | š. | and the S | | 657 | 44 |
| 10:00 | 2 | 405 | 131 | 15 | 39 | 3 | 0 | 6 | | 0 | | 0 | 0 | 681 | 42 |
| 11:00 | 3 | 353 | 134 | 12 | 36 | 7 | ŏ | 3 | ง | 0 | U | 0 | 0 | 607 | 69 |
| 12 PM | 3 | 326 | 114 | 10 | 47 | 2 | 1 | | 3 | 0. | 0 | 0 | 0 | 551 | 61 |
| 13:00 | 0 | 352 | 129 | 15 | 27 | 3 | | 2 | 4 | 0 | 0 | 0 | 0 | 509 | 66 |
| 14:00 | 3 | 409 | 121 | 16 | | 3. | 0 | 9 | 7 | 0 | 0 | 0 | - Marie 1 | 543 | 62 |
| 15:00 | , ž | 368 | 141 | 7.04 | 42 | 8 | 0 | 9 | 8 | 0 | 0 | 0 | 0 | 616 | 83 |
| 16:00 | 5 | 443 | 156 | 12 15 | | 4 | 0 | - 11 | 3 | 0 | 0 | . 0 | 0 | 584 | 83 71 |
| 17:00 | · | 529 | 176 | 9 | 40 28 | | 0 | 3 | 6 | 0 | 0 | 0 | 0 | 669 | 65 |
| 18:00 | 8 | 561 | | | 1 1 1 1 1 1 | 1. | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 755 | 48 |
| 19:00 | 9 | 445 | 151 108 | 10 | 24 | 12 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 775 | |
| 20:00 | | 296 | 7.7.7.2.2.3.4 | 2 | 21 | 3 | 0 | 1 | 2 | 0 | 0 | 0 | . 0 | 584 | 55 29 |
| 21:00 | 1 5 1 | 243 | 59 37 | 3 | 17 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 379 | 24 |
| 22:00 | 3 | 170 | 37 | | . 8 | 0 | . 0 | 1 - 4 - 1 | 2 | 0 | 0 | 0 | 0 | 293 | 12 |
| 23:00 | 3. | 116 | 21 | Ů | 9 | 2 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 226 | 16 |
| Total | 61 | 6644 | 2012 | 158 | 498 | 71 | 2 | 0 | 4 | . 0 | 0 | 0 | 0 | 151 | 200 86 La 11 |
| Percent | 0.6% | 69.1% | 20.9% | 1.6% | 5.2% | 0.7% | 0.0% | 80 0.8% | 82 | 1 | 1 | 1 | 1 | 9612 | 895 |
| AM Peak | 07:00 | 09:00 | 08:00 | 10:00 | 10:00 | 11:00 | 09:00 | 08:00 | 0.9% | 0.0% | 0.0% | 0.0% | 0.0% | | 9.3% |
| Vol. | 5 | 507 | 153 | 15 | 39 | 7 | 1 | 6 | 06:00 8 | 08:00 | | 06:00 | | 09:00 | 10:00 |
| PM Peak | 18:00 | 18:00 | 17:00 | 14:00 | 12:00 | 18:00 | 12:00 | 15:00 | 14:00 | | 20:00 | 1 | 40.00 | 681 | 69 |
| Vol. | 8 | 561 | 176 | 16 | 47 | 12 | 1 | 11 | 8 | | 20.00 | | 13:00 | 18:00 | 14:00 |
| | | | | | | 150 | | | o | | 1 | | 1 | 775 | 83 |

Community: Brockton Com #_U/RFC: 44_U5 Recorder #: Jamar #15 Tube Layout: L6 Basic

Station ID: 7016

Site Code: 44 Date Start: 18-Nov-08

Date End: 19-Nov-08 Date Start: 18-Nov-08

Manley St, north of West Chestnut St

SB, NB

| Start | - | Cars & | 2 Axle | | 2 Axle | 3 Axle | 4 Axle | <5 AxI | 5 Axle | >6 AxI | <6 AxI | 6 Axle | >6 Axl | | Truck |
|-------------------|-------|----------|--------|-------|--------|--------|------------------|--------|--------|--------|--------|--------|--------|--------|-------|
| Time | Bikes | Trailers | Long | Buses | 6 Tire | Single | Single | Double | Double | Double | Multi | Multi | Multi | Total | Tota |
| 11/19/08 | 1 | 137 | 13 | 1 | 4 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 159 | |
| 01:00 | 2 | 65 | 15 | 1 | 3 | 1 | 0 | 0 | 1 | Ó | 0 | 0 | 0 | 88 | |
| 02:00 | 1 | 36 | 12 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 4 |
| 03:00 | 1 | -38 | 9 | 2 | 2 | 2 | 0 | 2 | 4 | . 0 | 0 | 0 | 0 | 60 | 12 |
| 04:00 | 1 | 26 | 6 | 4 | 5 | 0 | 0 | 0 | . 4 | 0 | 0 | 0 | 0 | 46 | 13 |
| 05:00 | | 41 | 14 | 4 | 9 | 1.1 | 0 | 2 | 3 | 0 | . 0 | 0 | 0 | 75 | 19 |
| 06:00 | 0 | 101 | 41 | 5 | 8 | 1 | 0 | 2 | 6 | 0 | 0 | 1 | 0 | 165 | 23 |
| 07:00 | 1 | 275 | 101 | 9 | 30 | - 5 | 0 | . 0 | 6 | 1 | 0 | 0 | 0 | 428 | 51 |
| 08:00 | 6 | 459 | 127 | 11 | 29 | 6 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 648 | 56 |
| 09:00 | 3 | 511 | 124 | 14 | 26 | | . 0 | | 7 | ő | ő | 0 | 0 | 690 | 52 |
| 10:00 | 4 | 387 | 120 | 12 | 46 | | | | | 0 | 0 | 0 | | | |
| No. 80 - 10 11 11 | 7 | | | | 31 | 3 | Ū | 4 | - 4 | U | 0 | Ü | 0 | 583 | 72 |
| 11:00 12 PM | 6 | 387 | 127 | 14 | | 5 | 0 | 1 T | 11 | 0 | . 0 | 0 | 0 | 588 | . 68 |
| 10 1 Care 11 14 | | 320 | 113 | 4 | 33 | 4 | 0 | , , | 5 | 0 | 0 | 0 | 0 | 486 | 53 |
| 13:00 | 3 | 384 | 102 | 8 | 36 | 5 | 1 | 8 | 5 | 0 | 0 | 0 | 0 | 552 | 63 |
| 14:00 | 1 | 374 | 109 | 5 | 40 | 3 | 0 | 4 | 3 | 0 | 0 | 0 | . 0 | 539 | 55 |
| 15:00 | 2 | 427 | 112 | 12 | 43 | 2 | 0 | 11 | 8 | - 0 | 1 | 0 | 0 | 618 | - 77 |
| 16:00 | 2 | 468 | 154 | 11 | 44 | 5 | 0 | 11 | 5 | 0 | 0 | 0 | 0 | 700 | 76 |
| 17:00 | 4 | 510 | 177 | . 11 | 38 | 9 | 0 | . 8 | 3 | 0 | . 0 | 0 | 0 | 760 | 69 |
| 18:00 | 5 | 535 | 148 | 7 | 36 | 3 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 737 | 49 |
| 19:00 | 2 | 446 | 105 | 5 | 20 | 2 | 0 | - 3 | 1 | . 0 | 0 | 0 | 0 | 584 | 31 |
| 20:00 | 2 | 294 | 67 | 3 | 18 | 5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 391 | 28 |
| 21:00 | - 1 | 207 | 58 | 1 | 6 | . 0 | 0 | 1 | .3 | 0 | 0 | 0 | 0. | 277 | 11 |
| 22:00 | 2 | 183 | 37 | 2 | 7 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 234 | 12 |
| 23:00 | 2 | 141 | 24 | . 0 | 5 | . 3 | 0 | . 0 | 2 | . 0 | 0 | 0 | 0 | 177 | . 10 |
| Total | 53 | 6752 | 1915 | 146 | 523 | 68 | 1 | 81 | 96 | 1 | 1 | 1 | 0 | 9638 | 918 |
| Percent | 0.5% | 70.1% | 19.9% | 1.5% | 5.4% | 0.7% | 0.0% | 0.8% | 1.0% | 0.0% | 0.0% | 0.0% | 0.0% | | 9.5% |
| AM Peak | 08:00 | 09:00 | 08:00 | 09:00 | 10:00 | 08:00 | 12-OCH MARKETINI | 11:00 | 11:00 | 07:00 | | 06:00 | | 09:00 | 10:00 |
| Vol. | 6 | 511 | 127 | 14 | 46 | 6 | | 7 | 11 | 1- | | 1 | | 690 | 72 |
| PM Peak | 18:00 | 18:00 | 17:00 | 15:00 | 16:00 | 17:00 | 13:00 | 15:00 | 15:00 | | 15:00 | | | 17:00 | 15:00 |
| Vol. | 5 | 535 | 177 | 12 | 44 | 9 | 1 | 11 | 8 | | 1 | | | 760 | 77 |
| Grand Total | 114 | 13396 | 3927 | 304 | 1021 | 139 | 3 | 161 | 178 | 2 | 2 | 2 | 1 | 19250 | 1813 |
| Percent | 0.6% | 69.6% | 20.4% | 1.6% | 5.3% | 0.7% | 0.0% | 0.8% | 0.9% | 0.0% | 0.0% | 0.0% | 0.0% | 157150 | 9.4% |
| i orodin | 5.070 | 00.070 | 20.470 | 1.070 | 0.070 | 0.770 | 0.076 | 0.070 | 0.970 | 0.0% | 0.0% | 0.0% | 0.0% | | 9.4% |



70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) & EA

Traffic Control: Signal

File Name: 44_Belmont(123)&Mass(VA Main Entrance)_AM

Site Code : 44 Start Date : 3/8/2011

Page No : 1

Groups Printed- 3 - FHWA 4 - 13

| | | S | outhbou | und | st Apts) | | ٧ | Street (Vestbou | Route 1 | 23) | Ma | ss Ave | nue (VA Entranc orthbou | e) . | Main | | E | Street (l | nd | 23) | <u></u> |
|--------------------|------|------|---------|------|------------|------|------|---------------------|---------|------------|------|--------|-------------------------------|------|------------|------|------|-----------|------|------------|------------|
| Start Time | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Int. Total |
| Factor | 1.0 | 1.0 | 1.0 | 1.0 | | 1.0 | 1.0 | 1.0 | 1.0 | | 1.0 | 1.0 | 1.0 | 1.0 | | 1.0 | 1.0 | 1.0 | 1.0 | | |
| 06:00 AM | 1 | 0 | 7 | 0 | 8 | 10 | 82 | 1 | 0 | 93 | 3 | 0 | 0 | 0 | 3 | 1 | 59 | 19 | 0 | 79 | 183 |
| 06:15 AM | 5 | 0 | 11 | 2 | 18 | 2 | 117 | 3 | 0 | 122 | 3 | 0 | 1 | 1 | 5 | 2 | 86 | 11 | 0 | 99 | 244 |
| 06:30 AM | 5 | 0 | 6 | 1 | 12 | 8 | 135 | 1 | 0 | 144 | 3 | 1 | 1 | 0 | 5 | 2 | 116 | 21 | 0 | 139 | 300 |
| 06:45 AM | 3 | 0 | 3 | 2 | 8 | 6 | 135 | 1_ | 1_ | 143 | 2 | 0 | 3 | 1_ | 6 | 2 | 215 | 38_ | 2 | 257 | 414_ |
| Total | 14 | 0 | 27 | 5 | 46 | 26 | 469 | 6 | 1 | 502 | 11 | 1 | 5 | 2 | 19 | 7 | 476 | 89 | 2 | 574 | 1141 |
| 07:00 AM | 5 | 0 | 6 | 0 | 11 | 14 | 141 | 4 | 0 | 159 | 5 | 0 | 3 | 0 | 8 | 1 | 164 | 41 | 1 | 207 | 385 |
| 07:15 AM | 7 | 1 | 7 | 0 | 15 | 16 | 141 | 2 | 0 | 159 | 7 | 0 | 1 | 3 | 11 | 1 | 133 | 56 | 2 | 192 | 377 |
| 07:30 AM | 11 | 2 | 11 | 1 | 25 | 10 | 125 | 2 | 0 | 137 | 4 | 0 | 4 | 0 | 8 | 3 | 230 | 46 | 1 | 280 | 450 |
| 07:45 AM | 5 | 1 | 6 | 1 | 13 | 9 | 142 | 0 | 1 | 152 | 10 | 2 | 11 | 1 | 24 | 2 | 237 | 55 | 2 | 296 | 485 |
| Total | 28 | 4 | 30 | 2 | 64 | 49 | 549 | 8 | 1 | 607 | 26 | 2 | 19 | 4 | 51 | 7 | 764 | 198 | 6 | 975 | 1697 |
| 08:00 AM | 8 | 1 | 6 | 0 | 15 | 7 | 144 | 1 | 0 | 155 | 8 | 1 | 1 | 1 | 14 | 2 | 233 | 54 | 1 | 290 | 474 |
| 08:15 AM | 5 | 1 | 10 | 2 | 18 | 9 | 145 | 5 | 0 | 159 | 12 | 2 | 4 | 2 | 20 | 1 | 251 | 23 | 6 | 281 | 478 |
| 08:30 AM | 5 | 1 | 8 | 1 | 15 | 10 | 157 | 2 | 0 | 169 | 9 | 1 | 4 | 0 | 14 | 3 | 245 | 43 | 0 | 291 | 489 |
| 08:45 AM | 1 | 1 | 9 | 0 | 11 | 14 | 128 | 6 | 0 | 148 | 7 | 0 | 4 | 0 | 11 | 2 | 210 | 27 | 1 | 240 | 410 |
| Total | 19 | 4 | 33 | 3 | 59 | 40 | 574 | 17 | 0 | 631 | 36 | 4 | 16 | 3 | 59 | 8 | 939 | 147 | 8 | 1102 | 1851 |
| | | | | | | | | | | | | | | | | | | | | | |
| Grand Total | 61 | 8 | 90 | 10 | 169 | 115 | 1592 | 31 | 2 | 1740 | 73 | 7 | 40 | 9 | 129 | 22 | 2179 | 434 | 16 | 2651 | 4689 |
| Apprch % | 36.1 | 4.7 | 53.3 | 5.9 | | 6.6 | 91.5 | 1.8 | 0.1 | | 56.6 | 5.4 | 31 | 7 | | 8.0 | 82.2 | 16.4 | 0.6 | | |
| Total % | 1.3 | 0.2 | 1.9 | 0.2 | 3.6 | 2.5 | 34 | 0.7 | 0 | 37.1 | 1.6 | 0.1 | 0.9 | 0.2 | 2.8 | 0.5 | 46.5 | 9.3 | 0.3 | 56.5 | |
| FHWA 1-3 | 60 | 8 | 90 | 0 | 158 | 105 | 1495 | 29 | 0 | 1629 | 68 | 7 | 33 | 0 | 108 | 22 | 2039 | 432 | 0 | 2493 | 4388 |
| % FHWA 1-3 | 98.4 | 100 | 100 | 0 | 93.5 | 91.3 | 93.9 | 93.5 | 0 | 93.6 | 93.2 | 100 | 82.5 | 0 | 83.7 | 100 | 93.6 | 99.5 | 0 | 94 | 93.6 |
| FHWA 4 | 0 | 0 | 0 | 4 | 4 | 8 | 30 | 1 | 2 | 41 | 2 | 0 | 6 | 3 | 11 | 0 | 23 | 0 | 4 | 27 | 83 |
| % FHWA 4 | 0 | 0 | 0 | 40 | 2.4 | 7 | 1.9 | 3.2 | 100 | 2.4 | 2.7 | 0 | 15 | 33.3 | 8.5 | 0 | 1.1 | 0 | 25 | 1 | 1.8 |
| FHWA 5-13 | 1 | 0 | 0 | 6 | 7 | 2 | 67 | 1 | 0 | 70 | 3 | 0 | 1 | 6 | 10 | 0 | 117 | 2 | 12 | 131 | 218 |
| % FHWA 5-13 | 1.6 | 0 | 0 | 60 | 4.1 | 1.7 | 4.2 | 3.2 | 0 | 4 | 4.1 | 0 | 2.5 | 66.7 | 7.8 | 0 | 5.4 | 0.5 | 75 | 4.9 | 4.6 |



70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

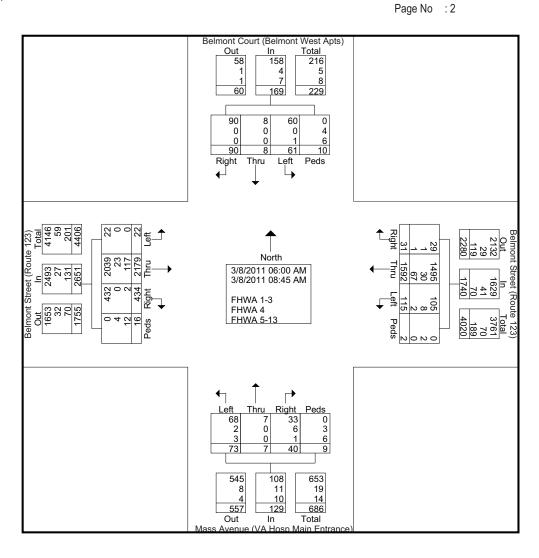
Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) & EA

Traffic Control: Signal

File Name : 44_Belmont(123)&Mass(VA Main Entrance)_AM

Site Code : 44 Start Date : 3/8/2011



70 School Street

Brockton, MA 02301 508-583-1833

www.ocpcrpa.org

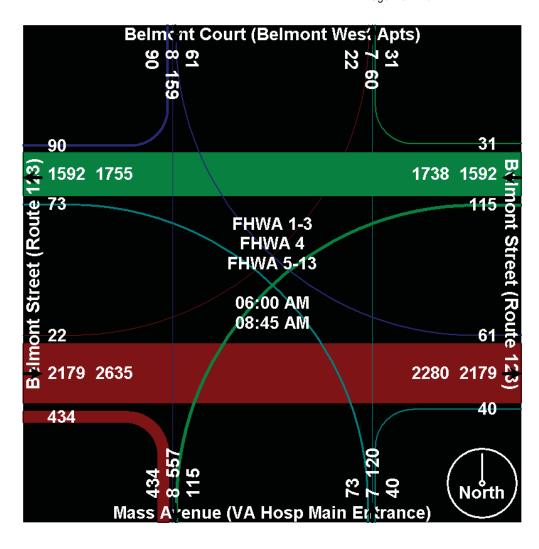
File Name: 44_Belmont(123)&Mass(VA Main Entrance)_AM

Site Code: 44 Start Date : 3/8/2011 Page No : 3

Board # & Staff: DB-400 (6) & EA Traffic Control: Signal

Community: Brockton

Weather: Clear





70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton

Traffic Control: Signal

Board # & Staff: DB-400 (6) & EA

0

25.0

1.6

11.4

2.0

Weather: Clear

% FHWA 4

FHWA 5-13

% FHWA 5-13

0

0

0

File Name: 44_Belmont(123)&Mass(VA Main Entrance)_AM

Site Code : 44 Start Date : 3/8/2011 Page No : 4

0

0.5

0 33.3

6

0.7

63

5.4

1.8

110

5.7

11.1

| | Belmo | | t (Belm outhbou | | st Apts) | В | | Street (Vestbou | | 123) | Ма | I | nue (VA Entranc orthbou | e) . | Main | В | | Street (l | | 23) | |
|-----------------|------------|-----------|--------------------|----------|------------|------|------|---------------------|------|------------|------|------|-------------------------------|------|------------|------|------|-----------|------|------------|------------|
| Start Time | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Int. Total |
| Peak Hour Anal | ysis Fror | n 06:00 / | AM to 08 | 3:45 AM | - Peak 1 o | f 1 | | | | | | | | | | | | | | | |
| Peak Hour for E | ntire Inte | rsection | Begins a | at 07:45 | AM | | | | | | | | | | | | | | | | |
| 07:45 AM | 5 | 1 | 6 | 1 | 13 | 9 | 142 | 0 | 1 | 152 | 10 | 2 | 11 | 1 | 24 | 2 | 237 | 55 | 2 | 296 | 485 |
| 08:00 AM | 8 | 1 | 6 | 0 | 15 | 7 | 144 | 4 | 0 | 155 | 8 | 1 | 4 | 1 | 14 | 2 | 233 | 54 | 1 | 290 | 474 |
| 08:15 AM | 5 | 1 | 10 | 2 | 18 | 9 | 145 | 5 | 0 | 159 | 12 | 2 | 4 | 2 | 20 | 1 | 251 | 23 | 6 | 281 | 478 |
| 08:30 AM | 5 | 1 | 8 | 1 | 15 | 10 | 157 | 2 | 0 | 169 | 9 | 1 | 4 | 0 | 14 | 3 | 245 | 43 | 0 | 291 | 489 |
| Total Volume | 23 | 4 | 30 | 4 | 61 | 35 | 588 | 11 | 1 | 635 | 39 | 6 | 23 | 4 | 72 | 8 | 966 | 175 | 9 | 1158 | 1926 |
| % App. Total | 37.7 | 6.6 | 49.2 | 6.6 | | 5.5 | 92.6 | 1.7 | 0.2 | | 54.2 | 8.3 | 31.9 | 5.6 | | 0.7 | 83.4 | 15.1 | 8.0 | | |
| PHF | .719 | 1.000 | .750 | .500 | .847 | .875 | .936 | .550 | .250 | .939 | .813 | .750 | .523 | .500 | .750 | .667 | .962 | .795 | .375 | .978 | .985 |
| FHWA 1-3 | 23 | 4 | 30 | 0 | 57 | 30 | 536 | 11 | 0 | 577 | 37 | 6 | 18 | 0 | 61 | 8 | 905 | 174 | 0 | 1087 | 1782 |
| % FHWA 1-3 | 100 | 100 | 100 | 0 | 93.4 | 85.7 | 91.2 | 100 | 0 | 90.9 | 94.9 | 100 | 78.3 | 0 | 84.7 | 100 | 93.7 | 99.4 | 0 | 93.9 | 92.5 |
| EΗ\Λ/Δ / | 1 | Λ | Λ | 1 | 1 | 1 | 12 | 0 | - 1 | 17 | 2 | 0 | 1 | 2 | 0 | Λ | 5 | Λ | 2 | Ω | 3/ |

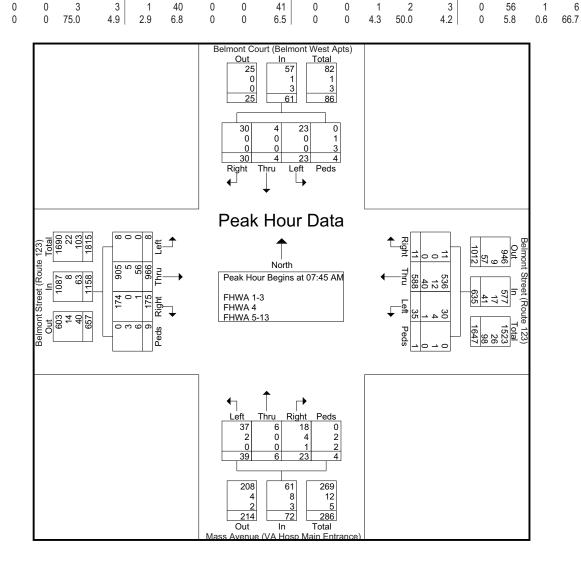
2.7

5.1

0 17.4 50.0

0

100



70 School Street

Brockton, MA 02301 508-583-1833

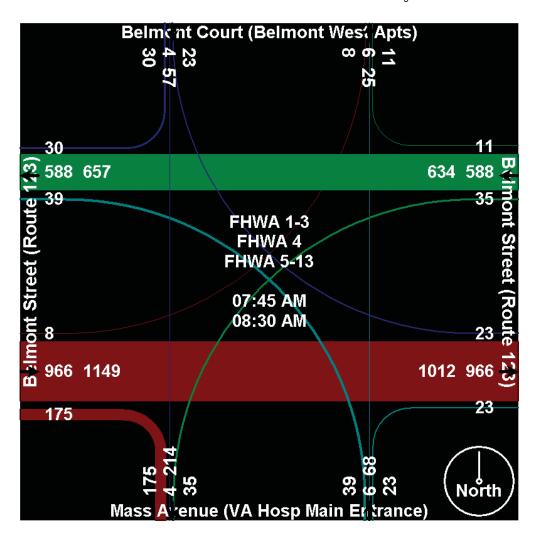
File Name: 44_Belmont(123)&Mass(VA Main Entrance)_AM Site Code : 44 www.ocpcrpa.org

Start Date : 3/8/2011 Page No : 5

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) & EA

Traffic Control: Signal





70 School Street Brockton, MA 02301 508-583-1833

Community: Brockton

Traffic Control: Signal

Board # & Staff: DB-400 (6) & EA

Weather: Clear

www.ocpcrpa.org

File Name : 44_Belmont(123)&Mass(VA Main Entrance)_AM

Site Code: 44 Start Date: 3/8/2011

Page No : 6

Image 1





70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

File Name : 44_Belmont(123)&Mass(VA Main Entrance)_PM

Site Code : 44 Start Date : 3/8/2011

Page No : 1

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) & JC

Traffic Control: Signal

Groups Printed- 3 - FHWA 4 - 13

| | | Belmo | | rt (Belm outhbou | | st Apts) | В | | Street (/estbou | Route 1 | 23) | | s Avenu | ue (VA l Entranc orthbou | e) . | l Main | В | | Street (l | | 23) | |
|------|---------------------|-------|------|---------------------|------|------------|------|--------------|---------------------|---------|------------|-------------|---------|--------------------------------|----------|------------|------|------------|-----------|------|------------|------------|
| | Start Time | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Int. Total |
| | 03:00 PM | 5 | 0 | 6 | 2 | 13 | 6 | 232 | 4 | 0 | 242 | 37 | 1 | 9 | 4 | 51 | 7 | 219 | 12 | 2 | 240 | 546 |
| | 03:15 PM | 2 | 1 | 5 | 1 | 9 | 10 | 217 | 8 | 0 | 235 | 36 | 1 | 6 | 0 | 43 | 4 | 225 | 19 | 1 | 249 | 536 |
| | 03:30 PM | 7 | 1 | 3 | 4 | 15 | 5 | 229 | 8 | 1 | 243 | 45 | 2 | 14 | 1 | 62 | 3 | 248 | 12 | 0 | 263 | 583 |
| | 03:45 PM | 4 | 0 | 4 | 5 | 13 | 7 | 244 | 10 | 0 | 261 | 30 | 2 | 18 | 0 | 50 | 5 | 259 | 14 | 1 | 279 | 603 |
| | Total | 18 | 2 | 18 | 12 | 50 | 28 | 922 | 30 | 1 | 981 | 148 | 6 | 47 | 5 | 206 | 19 | 951 | 57 | 4 | 1031 | 2268 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 04:00 PM | 2 | 0 | 5 | 0 | 7 | 2 | 224 | 6 | 0 | 232 | 52 | 2 | 23 | 0 | 77 | 7 | 223 | 8 | 0 | 238 | 554 |
| | 04:15 PM | 13 | 0 | 7 | 4 | 24 | 10 | 212 | 12 | 0 | 234 | 35 | 1 | 12 | 1 | 49 | 5 | 241 | 9 | 0 | 255 | 562 |
| | 04:30 PM | 2 | 0 | 4 | 4 | 10 | 4 | 253 | 8 | 0 | 265 | 72 | 0 | 10 | 0 | 82 | 6 | 228 | 5 | 0 | 239 | 596 |
| | 04:45 PM | 6 | 0 | 4 | 0 | 10 | 1_ | 226 | 5 | 0 | 232 | 31 | 0 | 8 | 0 | 39 | 10 | 223 | 6 | 0 | 239 | 520 |
| | Total | 23 | 0 | 20 | 8 | 51 | 17 | 915 | 31 | 0 | 963 | 190 | 3 | 53 | 1 | 247 | 28 | 915 | 28 | 0 | 971 | 2232 |
| | | | _ | _ | | | _ | | | | 1 | | | | | 1 | _ | | | | 1 | |
| | 05:00 PM | 3 | 2 | 2 | 2 | 9 | 3 | 218 | 4 | 0 | 225 | 35 | 1 | 8 | 1 | 45 | 8 | 273 | 3 | 0 | 284 | 563 |
| | 05:15 PM | 5 | 0 | 4 | 1 | 10 | 3 | 210 | 7 | 0 | 220 | 31 | 1 | 7 | 0 | 39 | 3 | 235 | 5 | 1 | 244 | 513 |
| | 05:30 PM | 2 | 1 | 5 | 7 | 15 | 2 | 219 | 9 | 0 | 230 | 15 | 0 | 9 | 0 | 24 | 7 | 246 | 4 | 1 | 258 | 527 |
| | 05:45 PM | 5 | 0 | 2 | 0 | 7 | 6 | 184 | 8 | 0 | 198 | 9 | 1_ | 5_ | 1_ | 16 | 7_ | 255 | 9 | 0 | 271 | 492 |
| | Total | 15 | 3 | 13 | 10 | 41 | 14 | 831 | 28 | 0 | 873 | 90 | 3 | 29 | 2 | 124 | 25 | 1009 | 21 | 2 | 1057 | 2095 |
| | Grand Total | 56 | 5 | 51 | 30 | 142 | 59 | 2668 | 89 | 4 | 2817 | 428 | 12 | 129 | 8 | 577 | 72 | 2875 | 106 | 6 | 3059 | 6595 |
| Ċ | | 39.4 | 3.5 | 35.9 | 21.1 | 142 | 2.1 | 2000 94.7 | 3.2 | 0 | 2017 | 420 74.2 | 2.1 | 22.4 | 0 1.4 | 5// | 2.4 | 2075 94 | 3.5 | 0.2 | 3039 | 0090 |
| | Apprch % Total % | 0.8 | 0.1 | 0.8 | 0.5 | 2.2 | 0.9 | 40.5 | 1.3 | 0 | 42.7 | 6.5 | 0.2 | 22.4 | 0.1 | 8.7 | 1.1 | 43.6 | 1.6 | 0.2 | 46.4 | |
| _ | FHWA 1-3 | 55 | 3 | 49 | 0.5 | 107 | 52 | 2587 | 1.3 87 | 0 | 2726 | 421 | 12 | 118 | 0.1 | 551 | 70 | 2813 | 100 | 0.1 | 2983 | 6367 |
| | FHWA 1-3 | 98.2 | 60 | 96.1 | 0 | 75.4 | 88.1 | 97 | 97.8 | 0 | 96.8 | 98.4 | 100 | 91.5 | 0 | 95.5 | 97.2 | 97.8 | 94.3 | 0 | 97.5 | 96.5 |
| | FHWA 4 | 1 | 00 | 0 | 9 | 10 | 7 | 12 | 1 | 0 | 20 | 2 | 0 | 7 | 1 | 10 | 0 | 15 | 1 | | 20 | 60 |
| (| % FHWA 4 | 1.8 | 0 | 0 | 30 | 7 | 11.9 | 0.4 | 1.1 | 0 | 0.7 | 0.5 | 0 | 5.4 | 12.5 | 1.7 | 0 | 0.5 | 0.9 | 66.7 | 0.7 | 0.9 |
| | HWA 5-13 | 0 | 2 | 2 | 21 | 25 | 0 | 69 | 1.1 | 1 | 71 | 5 | 0 | | 7 | 1.7 | 2 | 47 | 5 | 2 | 56 | 168 |
| | FHWA 5-13 | 0 | 40 | 3.9 | 70 | 17.6 | 0 | 2.6 | 1.1 | 100 | 2.5 | 1.2 | 0 | 3.1 | 87.5 | 2.8 | 2.8 | 1.6 | 4.7 | 33.3 | 1.8 | 2.5 |
| /U I | 114471 0-10 | 1 0 | 40 | 5.5 | 70 | 17.0 | U | 2.0 | 1.1 | 100 | 2.5 | 1.2 | U | J. I | 01.5 | 2.0 | 2.0 | 1.0 | 7.7 | 55.5 | 1.0 | 2.5 |



70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

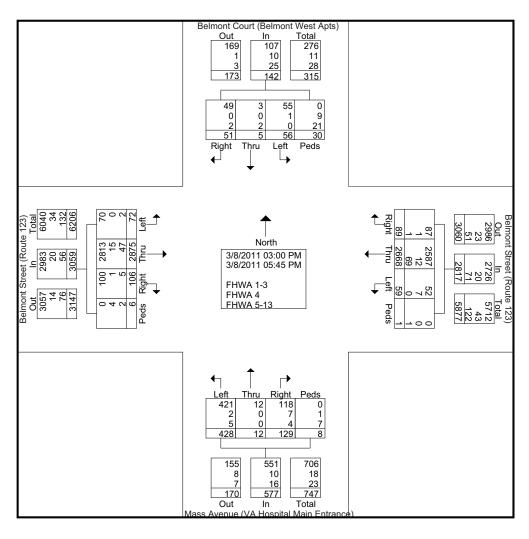
Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) & JC

Traffic Control: Signal

File Name : 44_Belmont(123)&Mass(VA Main Entrance)_PM Site Code : 44

Start Date : 3/8/2011 Page No : 2



70 School Street Brockton, MA 02301

508-583-1833 www.ocpcrpa.org

Community: Brockton

Traffic Control: Signal

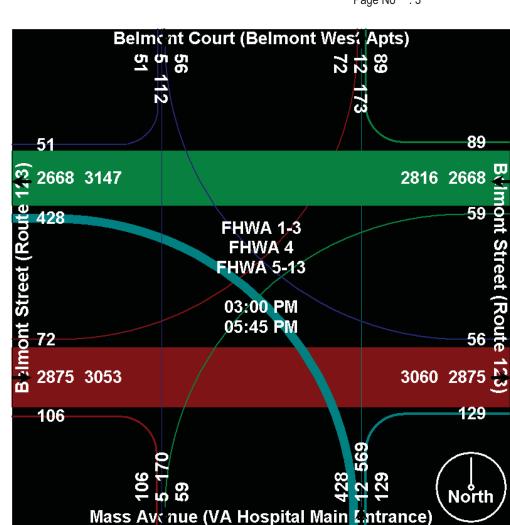
Board # & Staff: DB-400 (6) & JC

Weather: Clear

File Name: 44_Belmont(123)&Mass(VA Main Entrance)_PM

Site Code: 44 Start Date : 3/8/2011

Page No : 3





70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton Weather: Clear

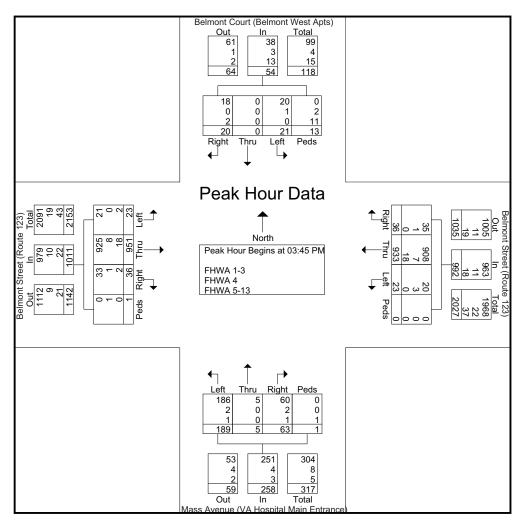
Board # & Staff: DB-400 (6) & JC

Traffic Control: Signal

File Name : 44_Belmont(123)&Mass(VA Main Entrance)_PM

Site Code : 44 Start Date : 3/8/2011 Page No : 4

| | Belmo | | t (Belmouthbou | | st Apts) | В | | Street (Vestbou | | 23) | Mas | I | ie (VA l Entranc orthbou | - / | l Main | В | | Street (astbou | | 23) | |
|-----------------|-------------|-----------|----------------|----------|------------|------|------|---------------------|------|------------|------|------|--------------------------------|------|------------|------|------|--------------------|------|------------|------------|
| Start Time | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Int. Total |
| Peak Hour Analy | sis From | 1 03:00 F | PM to 05 | :45 PM | - Peak 1 o | f 1 | | | | | | | | | | | | | | | |
| Peak Hour for E | ntire Inter | rsection | Begins a | at 03:45 | PM | | | | | | | | | | | | | | | | |
| 03:45 PM | 4 | 0 | 4 | 5 | 13 | 7 | 244 | 10 | 0 | 261 | 30 | 2 | 18 | 0 | 50 | 5 | 259 | 14 | 1 | 279 | 603 |
| 04:00 PM | 2 | 0 | 5 | 0 | 7 | 2 | 224 | 6 | 0 | 232 | 52 | 2 | 23 | 0 | 77 | 7 | 223 | 8 | 0 | 238 | 554 |
| 04:15 PM | 13 | 0 | 7 | 4 | 24 | 10 | 212 | 12 | 0 | 234 | 35 | 1 | 12 | 1 | 49 | 5 | 241 | 9 | 0 | 255 | 562 |
| 04:30 PM | 2 | 0 | 4 | 4 | 10 | 4 | 253 | 8 | 0 | 265 | 72 | 0 | 10 | 0 | 82 | 6 | 228 | 5 | 0 | 239 | 596 |
| Total Volume | 21 | 0 | 20 | 13 | 54 | 23 | 933 | 36 | 0 | 992 | 189 | 5 | 63 | 1 | 258 | 23 | 951 | 36 | 1 | 1011 | 2315 |
| % App. Total | 38.9 | 0 | 37 | 24.1 | | 2.3 | 94.1 | 3.6 | 0 | | 73.3 | 1.9 | 24.4 | 0.4 | | 2.3 | 94.1 | 3.6 | 0.1 | | |
| PHF | .404 | .000 | .714 | .650 | .563 | .575 | .922 | .750 | .000 | .936 | .656 | .625 | .685 | .250 | .787 | .821 | .918 | .643 | .250 | .906 | .960 |
| FHWA 1-3 | 20 | 0 | 18 | 0 | 38 | 20 | 908 | 35 | 0 | 963 | 186 | 5 | 60 | 0 | 251 | 21 | 925 | 33 | 0 | 979 | 2231 |
| % FHWA 1-3 | 95.2 | 0 | 90.0 | 0 | 70.4 | 87.0 | 97.3 | 97.2 | 0 | 97.1 | 98.4 | 100 | 95.2 | 0 | 97.3 | 91.3 | 97.3 | 91.7 | 0 | 96.8 | 96.4 |
| FHWA 4 | 1 | 0 | 0 | 2 | 3 | 3 | 7 | 1 | 0 | 11 | 2 | 0 | 2 | 0 | 4 | 0 | 8 | 1 | 1 | 10 | 28 |
| % FHWA 4 | 4.8 | 0 | 0 | 15.4 | 5.6 | 13.0 | 8.0 | 2.8 | 0 | 1.1 | 1.1 | 0 | 3.2 | 0 | 1.6 | 0 | 8.0 | 2.8 | 100 | 1.0 | 1.2 |
| FHWA 5-13 | 0 | 0 | 2 | 11 | 13 | 0 | 18 | 0 | 0 | 18 | 1 | 0 | 1 | 1 | 3 | 2 | 18 | 2 | 0 | 22 | 56 |
| % FHWA 5-13 | 0 | 0 | 10.0 | 84.6 | 24.1 | 0 | 1.9 | 0 | 0 | 1.8 | 0.5 | 0 | 1.6 | 100 | 1.2 | 8.7 | 1.9 | 5.6 | 0 | 2.2 | 2.4 |





70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

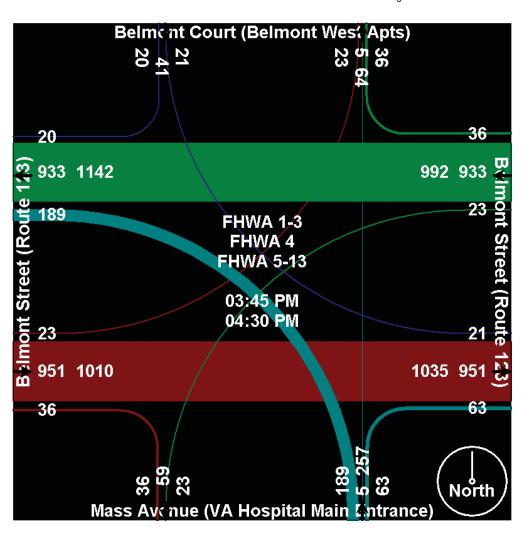
Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) & JC

Traffic Control: Signal

File Name : 44_Belmont(123)&Mass(VA Main Entrance)_PM Site Code : 44

Start Date : 3/8/2011 Page No : 5





70 School Street Brockton, MA 02301 508-583-1833

Community: Brockton

Traffic Control: Signal

Board # & Staff: DB-400 (6) & JC

Weather: Clear

www.ocpcrpa.org

File Name : 44_Belmont(123)&Mass(VA Main Entrance)_PM

Site Code: 44 Start Date: 3/8/2011

Page No : 6

Image 1





70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) Traffic Control: Two Way Stop Site Code : 44 Start Date : 3/8/2011 Page No : 1

File Name: 44_Belmont(123)&Pilgrim(VA Entrance #2)_AM

Groups Printed- 3 - FHWA 4 - 13

| | | | | | | | | G | roups F | Printed- 3 | - FHWA | 4 - 13 | | | | | | | | | , |
|-------------|------|------|---------------------|----------------|------------|------|------|---------------------|---------|------------|---------|--------|----------------------------|---------|------------|------|------|-----------|------|------------|------------|
| | | | Gino's D outhboo | riveway und | ' | В | | Street (Vestbou | Route 1 | 23) | Pilgrir | | ue (VA #2) orthbou | Hosp Er | ntrance | В | | Street (l | | 23) | |
| Start Time | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Int. Total |
| 06:00 AM | 0 | 0 | 0 | 0 | 0 | 9 | 91 | 0 | 0 | 100 | 0 | 0 | 1 tigit | 0 | App. 10tai | 0 | 61 | 0 | 0 | 61 | 165 |
| 06:15 AM | 0 | 0 | 0 | 0 | 0 | 9 | 120 | 0 | 0 | 129 | 0 | 0 | 2 | 3 | 5 | 0 | 84 | 0 | 0 | 84 | 218 |
| 06:30 AM | 0 | 0 | 0 | 0 | 0 | 17 | 145 | 0 | 0 | 162 | 0 | 0 | 1 | 0 | 1 | 0 | 132 | 2 | 0 | 134 | 297 |
| 06:45 AM | 0 | 0 | 0 | 0 | 0 | 20 | 138 | 0 | 0 | 158 | 0 | 0 | 1 | 2 | 3 | 0 | 220 | 6 | 0 | 226 | 387 |
| Total | 0 | 0 | 0 | 0 | 0 | 55 | 494 | 0 | 0 | 549 | 0 | 0 | 8 | 5 | 13 | 0 | 497 | 8 | 0 | 505 | 1067 |
| 07:00 AM | 0 | 0 | 0 | 0 | 0 | 19 | 148 | 0 | 0 | 167 | 0 | 0 | 4 | 0 | 4 | 0 | 170 | 1 | 0 | 171 | 342 |
| 07:15 AM | 0 | 0 | 0 | 0 | 0 | 23 | 157 | 0 | 0 | 180 | 0 | 0 | 6 | 1 | 7 | 0 | 154 | 0 | 0 | 154 | 341 |
| 07:30 AM | 0 | 0 | 0 | 0 | 0 | 23 | 131 | 0 | 0 | 154 | 0 | 0 | 1 | 0 | 1 | 0 | 225 | 1 | 0 | 226 | 381 |
| 07:45 AM | 0 | 0 | 0 | 1 | 1 | 22 | 151 | 1 | 0 | 174 | 0 | 0 | 5 | 0 | 5 | 0 | 251 | 1 | 0 | 252 | 432 |
| Total | 0 | 0 | 0 | 1 | 1 | 87 | 587 | 1 | 0 | 675 | 0 | 0 | 16 | 1 | 17 | 0 | 800 | 3 | 0 | 803 | 1496 |
| 08:00 AM | 0 | 0 | 0 | 1 | 1 | 18 | 140 | 0 | 0 | 158 | 0 | 0 | 1 | 1 | 2 | 0 | 245 | 0 | 0 | 245 | 406 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 11 | 155 | 0 | 0 | 166 | 0 | 0 | 2 | 0 | 2 | 0 | 244 | 3 | 0 | 247 | 415 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 7 | 156 | 0 | 2 | 165 | 0 | 0 | 2 | 0 | 2 | 0 | 253 | 1 | 0 | 254 | 421 |
| 08:45 AM | 0 | 0 | 0 | 0 | 0 | 7 | 146 | 0 | 0 | 153 | 0 | 0 | 3 | 0 | 3 | 0 | 209 | 0 | 0 | 209 | 365 |
| Total | 0 | 0 | 0 | 1 | 1 | 43 | 597 | 0 | 2 | 642 | 0 | 0 | 8 | 1 | 9 | 0 | 951 | 4 | 0 | 955 | 1607 |
| Grand Total | 0 | 0 | 0 | 2 | 2 | 185 | 1678 | 1 | 2 | 1866 | 0 | 0 | 32 | 7 | 39 | 0 | 2248 | 15 | 0 | 2263 | 4170 |
| Apprch % | 0 | 0 | 0 | 100 | | 9.9 | 89.9 | 0.1 | 0.1 | | 0 | 0 | 82.1 | 17.9 | | 0 | 99.3 | 0.7 | 0 | | |
| Total % | 0 | 0 | 0 | 0 | 0 | 4.4 | 40.2 | 0 | 0 | 44.7 | 0 | 0 | 0.8 | 0.2 | 0.9 | 0 | 53.9 | 0.4 | 0 | 54.3 | |
| FHWA 1-3 | 0 | 0 | 0 | 0 | 0 | 185 | 1622 | 1 | 0 | 1808 | 0 | 0 | 32 | 0 | 32 | 0 | 2154 | 15 | 0 | 2169 | 4009 |
| % FHWA 1-3 | 0 | 0 | 0 | 0 | 0 | 100 | 96.7 | 100 | 0 | 96.9 | 0 | 0 | 100 | 0 | 82.1 | 0 | 95.8 | 100 | 0 | 95.8 | 96.1 |
| FHWA 4 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 2 | 23 | 0 | 0 | 0 | 5 | 5 | 0 | 13 | 0 | 0 | 13 | 41 |
| % FHWA 4 | 0 | 0 | 00 | 0 | 0 | 0 | 1.3 | 0 | 100 | 1.2 | 0 | 0 | 0 | 71.4 | 12.8 | 0 | 0.6 | 0 | 0 | 0.6 | 11 |
| FHWA 5-13 | 0 | 0 | 0 | 2 | 2 | 0 | 35 | 0 | 0 | 35 | 0 | 0 | 0 | 2 | 2 | 0 | 81 | 0 | 0 | 81 | 120 |
| % FHWA 5-13 | 0 | 0 | 0 | 100 | 100 | 0 | 2.1 | 0 | 0 | 1.9 | 0 | 0 | 0 | 28.6 | 5.1 | 0 | 3.6 | 0 | 0 | 3.6 | 2.9 |

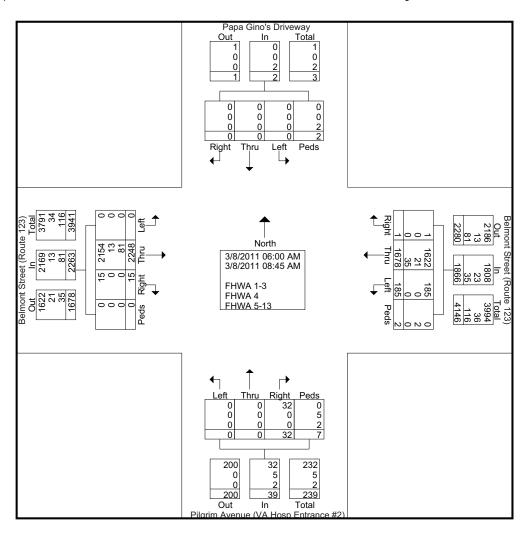


70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) Traffic Control: Two Way Stop File Name: 44_Belmont(123)&Pilgrim(VA Entrance #2)_AM

Site Code : 44 Start Date : 3/8/2011 Page No : 2



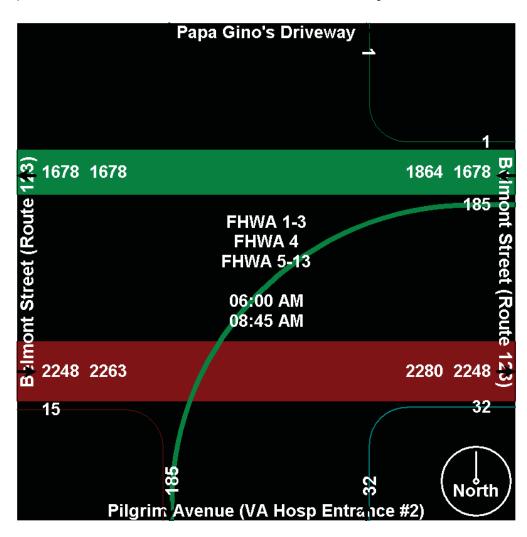
www.ocpcrpa.org

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) Traffic Control: Two Way Stop Brockton, MA 02301 File Name: 44_Belmont(123)&Pilgrim(VA Entrance #2)_AM 508-583-1833

> Site Code: 44 Start Date : 3/8/2011







70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton Weather: Clear

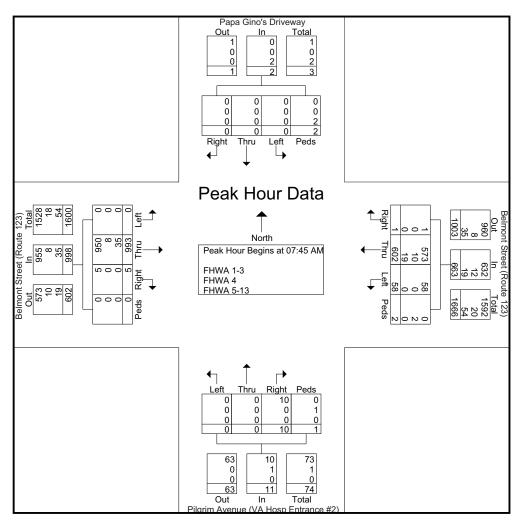
Board # & Staff: DB-400 (6) Traffic Control: Two Way Stop $File\ Name\ : 44_Belmont (123) \& Pilgrim (VA\ Entrance\ \#2)_AM$

Site Code : 44

Start Date : 3/8/2011

Page No : 4

| | | • | Sino's D outhbou | • | у | В | | Street (Vestbou | | 23) | Pilgrir | | ue (VA l #2) orthbou | | ntrance | В | | Street (astbou | | 23) | |
|------------------|------------|-----------|---------------------|----------|------------|------|------|---------------------|------|------------|---------|------|----------------------------|------|------------|------|------|--------------------|------|------------|------------|
| Start Time | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Int. Total |
| Peak Hour Analy | sis From | n 06:00 A | AM to 08 | :45 AM | - Peak 1 o | f 1 | | | | | | | | | | | | | | | |
| Peak Hour for Er | ntire Inte | rsection | Begins a | at 07:45 | AM | | | | | | | | | | | | | | | | |
| 07:45 AM | 0 | 0 | 0 | 1 | 1 | 22 | 151 | 1 | 0 | 174 | 0 | 0 | 5 | 0 | 5 | 0 | 251 | 1 | 0 | 252 | 432 |
| 08:00 AM | 0 | 0 | 0 | 1 | 1 | 18 | 140 | 0 | 0 | 158 | 0 | 0 | 1 | 1 | 2 | 0 | 245 | 0 | 0 | 245 | 406 |
| 08:15 AM | 0 | 0 | 0 | 0 | 0 | 11 | 155 | 0 | 0 | 166 | 0 | 0 | 2 | 0 | 2 | 0 | 244 | 3 | 0 | 247 | 415 |
| 08:30 AM | 0 | 0 | 0 | 0 | 0 | 7 | 156 | 0 | 2 | 165 | 0 | 0 | 2 | 0 | 2 | 0 | 253 | 1_ | 0 | 254 | 421 |
| Total Volume | 0 | 0 | 0 | 2 | 2 | 58 | 602 | 1 | 2 | 663 | 0 | 0 | 10 | 1 | 11 | 0 | 993 | 5 | 0 | 998 | 1674 |
| % App. Total | 0 | 0 | 0 | 100 | | 8.7 | 90.8 | 0.2 | 0.3 | | 0 | 0 | 90.9 | 9.1 | | 0 | 99.5 | 0.5 | 0 | | |
| PHF | .000 | .000 | .000 | .500 | .500 | .659 | .965 | .250 | .250 | .953 | .000 | .000 | .500 | .250 | .550 | .000 | .981 | .417 | .000 | .982 | .969 |
| FHWA 1-3 | 0 | 0 | 0 | 0 | 0 | 58 | 573 | 1 | 0 | 632 | 0 | 0 | 10 | 0 | 10 | 0 | 950 | 5 | 0 | 955 | 1597 |
| % FHWA 1-3 | 0 | 0 | 0 | 0 | 0 | 100 | 95.2 | 100 | 0 | 95.3 | 0 | 0 | 100 | 0 | 90.9 | 0 | 95.7 | 100 | 0 | 95.7 | 95.4 |
| FHWA 4 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 2 | 12 | 0 | 0 | 0 | 1 | 1 | 0 | 8 | 0 | 0 | 8 | 21 |
| % FHWA 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1.7 | 0 | 100 | 1.8 | 0 | 0 | 0 | 100 | 9.1 | 0 | 8.0 | 0 | 0 | 8.0 | 1.3 |
| FHWA 5-13 | 0 | 0 | 0 | 2 | 2 | 0 | 19 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 35 | 56 |
| % FHWA 5-13 | 0 | 0 | 0 | 100 | 100 | 0 | 3.2 | 0 | 0 | 2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 3.5 | 0 | 0 | 3.5 | 3.3 |

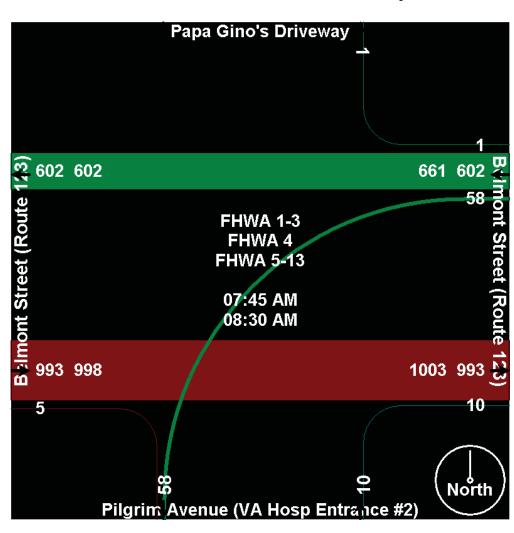


70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (6) Traffic Control: Two Way Stop File Name : 44_Belmont(123)&Pilgrim(VA Entrance #2)_AM Site Code : 44

Start Date : 3/8/2011 Page No : 5





70 School Street Brockton, MA 02301 508-583-1833

www.ocpcrpa.org

Community: Brockton

Board # & Staff: DB-400 (6)

Traffic Control: Two Way Stop

Weather: Clear

File Name : 44_Belmont(123)&Pilgrim(VA Entrance #2)_AM

Site Code : 44 Start Date : 3/8/2011

Page No : 6

Image 1





70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (5) & KM Traffic Control: Two Way Stop File Name : 44_Belmont(123)&Pilgrim(VA Entrance #2)_PM Site Code : 44

Site Code : 44 Start Date : 3/8/2011

Page No : 1

Groups Printed- 3 - FHWA 4 - 13

| | | | | | | | | G | roups I | Printed- 3 | - FHWA | 4 - 13 | | | | | | | | | |
|-------------|------|--------|----------|--------|------------|------|--------|----------|------------|------------|---------|---------|------------------------|--------|-----------------|------|--------|----------|------------|------------|------------|
| | | Papa (| Gino's D | rivewa | y | В | elmont | Street (| Route 1 | 23) | Pilgrir | n Aveni | ue (VA l #2) | Hosp E | ntrance | В | elmont | Street (| Route 1 | 23) | |
| | | S | outhbou | und | | | V | /estbou | nd | | | N | ۳ <u>۲,</u> orthboι | ınd | | | Е | astbou | nd | | |
| Start Time | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Int. Total |
| 03:00 PM | 0 | 0 | 1 INIGHT | 0 | App. Total | 4 | 242 | Nigit j | neus () | 249 | 1 | 0 | Right | n eus | дрр. тоtат 5 | 1 | 224 | Nigit | neus () | 226 | 481 |
| 03:15 PM | 0 | 0 | 0 | 2 | 2 | 10 | 232 | 0 | 0 | 249 | 1 | 0 | 6 | 0 | 7 | 0 | 249 | 0 | 0 | 249 | 500 |
| 03:30 PM | 0 | 0 | 0 | 2 | 2 | 7 | 256 | 0 | 0 | 263 | 0 | 0 | 15 | 3 | 18 | 0 | 276 | 0 | 0 | 276 | 559 |
| 03:45 PM | 0 | 0 | 1 | 0 | 4 | 5 | 228 | 3 | 0 | 236 | 1 | 0 | 8 | 0 | 9 | 3 | 260 | 0 | 0 | 263 | 509 |
| Total | 0 | 0 | 2 | 4 | 6 | 26 | 958 | 6 | 0 | 990 | 3 | 0 | 33 | 3 | 39 | 4 | 1009 | 1 | 0 | 1014 | 2049 |
| TOTAL | U | U | 2 | 4 | 0 | 20 | 900 | Ü | U | 990 | 3 | U | 33 | 3 | 39 | 4 | 1009 | ı | U | 1014 | 2049 |
| 04:00 PM | 0 | 0 | 1 | 0 | 1 | 6 | 246 | 1 | 0 | 253 | 0 | 0 | 20 | 0 | 20 | 0 | 272 | 0 | 0 | 272 | 546 |
| 04:15 PM | 2 | 0 | 0 | 1 | 3 | 1 | 249 | 3 | 0 | 253 | 0 | 0 | 18 | 0 | 18 | 1 | 239 | 0 | 0 | 240 | 514 |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 3 | 256 | 3 | 0 | 262 | 0 | 0 | 33 | 0 | 33 | 0 | 247 | 0 | 0 | 247 | 542 |
| 04:45 PM | 0 | 0 | 0 | 1 | 1 | 2 | 208 | 0 | 0 | 210 | 1 | 0 | 7 | 0 | 8 | 1 | 238 | 0 | 0 | 239 | 458 |
| Total | 2 | 0 | 1 | 2 | 5 | 12 | 959 | 7 | 0 | 978 | 1 | 0 | 78 | 0 | 79 | 2 | 996 | 0 | 0 | 998 | 2060 |
| | | | | | | | | | | | | | | | | | | | | | |
| 05:00 PM | 3 | 0 | 1 | 0 | 4 | 2 | 225 | 2 | 0 | 229 | 0 | 0 | 8 | 1 | 9 | 1 | 275 | 0 | 0 | 276 | 518 |
| 05:15 PM | 1 | 0 | 0 | 2 | 3 | 1 | 234 | 1 | 0 | 236 | 0 | 0 | 4 | 0 | 4 | 3 | 235 | 0 | 0 | 238 | 481 |
| 05:30 PM | 0 | 0 | 0 | 3 | 3 | 2 | 222 | 2 | 0 | 226 | 0 | 0 | 11 | 0 | 11 | 1 | 250 | 0 | 0 | 251 | 491 |
| 05:45 PM | 0 | 0 | 0 | 1 | 1 | 1_ | 182 | 3 | 0 | 186 | 0 | 0 | 3 | 1 | 4 | 1_ | 226 | 0 | 0 | 227 | 418 |
| Total | 4 | 0 | 1 | 6 | 11 | 6 | 863 | 8 | 0 | 877 | 0 | 0 | 26 | 2 | 28 | 6 | 986 | 0 | 0 | 992 | 1908 |
| | | | | | 1 | | | | | | | | | | 1 | | | | | | |
| Grand Total | 6 | 0 | 4 | 12 | 22 | 44 | 2780 | 21 | 0 | 2845 | 4 | 0 | 137 | 5 | 146 | 12 | 2991 | 1 | 0 | 3004 | 6017 |
| Apprch % | 27.3 | 0 | 18.2 | 54.5 | | 1.5 | 97.7 | 0.7 | 0 | | 2.7 | 0 | 93.8 | 3.4 | | 0.4 | 99.6 | 0 | 0 | | |
| Total % | 0.1 | 0 | 0.1 | 0.2 | 0.4 | 0.7 | 46.2 | 0.3 | 0 | 47.3 | 0.1 | 0 | 2.3 | 0.1 | 2.4 | 0.2 | 49.7 | 0 | 0 | 49.9 | |
| FHWA 1-3 | 6 | 0 | 4 | 0 | 10 | 44 | 2712 | 21 | 0 | 2777 | 4 | 0 | 137 | 0 | 141 | 12 | 2932 | 1 | 0 | 2945 | 5873 |
| % FHWA 1-3 | 100 | 0 | 100 | 0 | 45.5 | 100 | 97.6 | 100 | 0 | 97.6 | 100 | 0 | 100 | 0 | 96.6 | 100 | 98 | 100 | 0 | 98 | 97.6 |
| FHWA 4 | 0 | 0 | 0 | 7 | 7 | 0 | 15 | 0 | 0 | 15 | 0 | 0 | 0 | 2 | 2 | 0 | 16 | 0 | 0 | 16 | 40 |
| % FHWA 4 | 0 | 0 | 0 | 58.3 | 31.8 | 0 | 0.5 | 0 | 0 | 0.5 | 0 | 0 | 0 | 40 | 1.4 | 0 | 0.5 | 0 | 0 | 0.5 | 0.7 |
| FHWA 5-13 | 0 | 0 | 0 | 5 | 5 | 0 | 53 | 0 | 0 | 53 | 0 | 0 | 0 | 3 | 3 | 0 | 43 | 0 | 0 | 43 | 104 |
| % FHWA 5-13 | 0 | 0 | 0 | 41.7 | 22.7 | 0 | 1.9 | 0 | 0 | 1.9 | 0 | 0 | 0 | 60 | 2.1 | 0 | 1.4 | 0 | 0 | 1.4 | 1.7 |

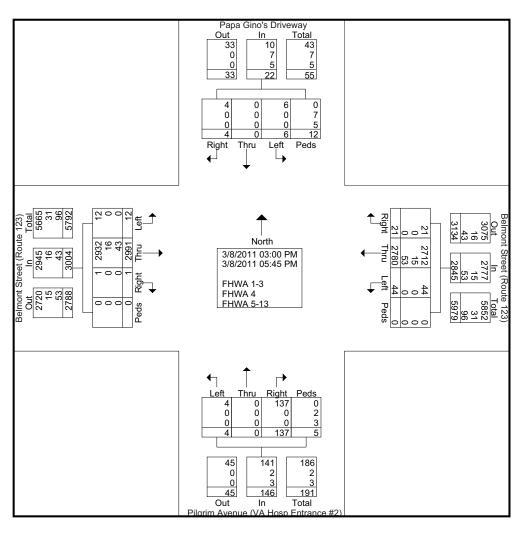


70 School Street Brockton, MA 02301 508-583-1833 www.ocpcrpa.org

Community: Brockton Weather: Clear

Board # & Staff: DB-400 (5) & KM Traffic Control: Two Way Stop File Name : 44_Belmont(123)&Pilgrim(VA Entrance #2)_PM Site Code : 44

Start Date : 3/8/2011 Page No : 2



70 School Street Brockton, MA 02301

508-583-1833

Community: Brockton

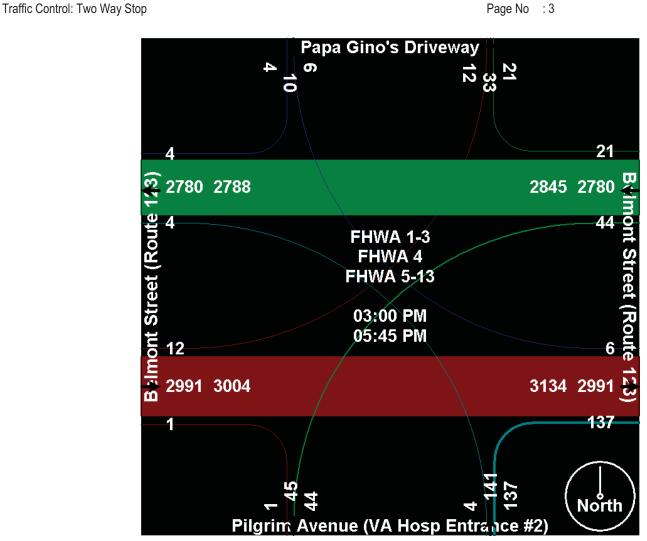
Board # & Staff: DB-400 (5) & KM

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File Name : 44_Belmont(123)&Pilgrim(VA Entrance #2)_PM

Site Code : 44 Start Date : 3/8/2011





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Community: Brockton

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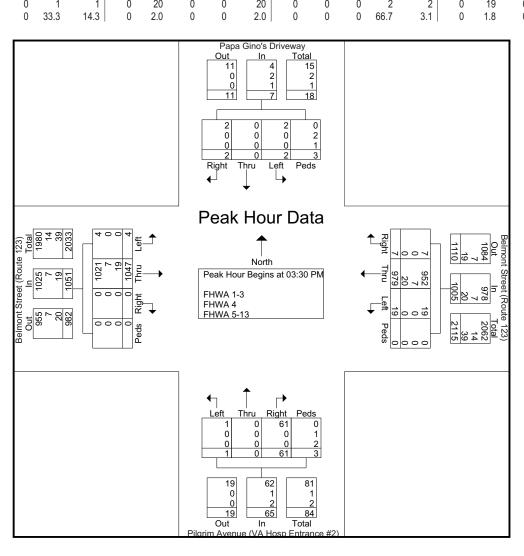
File Name : 44_Belmont(123)&Pilgrim(VA Entrance #2)_PM

Site Code : 44

Start Date : 3/8/2011

Page No : 4

| | Papa Gino's Driveway Southbound | | | | | Belmont Street (Route 123) Westbound | | | | | Pilgrim Avenue (VA Hosp Entrance #2) Northbound | | | | | Belmont Street (Route 123) Eastbound | | | | | |
|-----------------|--|-----------|----------|--------|------------|---|------|-------|------|------------|---|------|-------|------|------------|---|------|-------|------|------------|------------|
| Start Time | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Left | Thru | Right | Peds | App. Total | Int. Total |
| Peak Hour Analy | sis From | 1 03:00 I | PM to 05 | :45 PM | - Peak 1 o | f 1 | | | | | | | | | | | | | | | |
| Peak Hour for E | Peak Hour for Entire Intersection Begins at 03:30 PM | | | | | | | | | | | | | | | | | | | | |
| 03:30 PM | 0 | 0 | 0 | 2 | 2 | 7 | 256 | 0 | 0 | 263 | 0 | 0 | 15 | 3 | 18 | 0 | 276 | 0 | 0 | 276 | 559 |
| 03:45 PM | 0 | 0 | 1 | 0 | 1 | 5 | 228 | 3 | 0 | 236 | 1 | 0 | 8 | 0 | 9 | 3 | 260 | 0 | 0 | 263 | 509 |
| 04:00 PM | 0 | 0 | 1 | 0 | 1 | 6 | 246 | 1 | 0 | 253 | 0 | 0 | 20 | 0 | 20 | 0 | 272 | 0 | 0 | 272 | 546 |
| 04:15 PM | 2 | 0 | 0 | 1 | 3 | 1_ | 249 | 3 | 0 | 253 | 0 | 0 | 18 | 0 | 18 | 1_ | 239 | 0 | 0 | 240 | 514 |
| Total Volume | 2 | 0 | 2 | 3 | 7 | 19 | 979 | 7 | 0 | 1005 | 1 | 0 | 61 | 3 | 65 | 4 | 1047 | 0 | 0 | 1051 | 2128 |
| % App. Total | 28.6 | 0 | 28.6 | 42.9 | | 1.9 | 97.4 | 0.7 | 0 | | 1.5 | 0 | 93.8 | 4.6 | | 0.4 | 99.6 | 0 | 0 | | |
| PHF | .250 | .000 | .500 | .375 | .583 | .679 | .956 | .583 | .000 | .955 | .250 | .000 | .763 | .250 | .813 | .333 | .948 | .000 | .000 | .952 | .952 |
| FHWA 1-3 | 2 | 0 | 2 | 0 | 4 | 19 | 952 | 7 | 0 | 978 | 1 | 0 | 61 | 0 | 62 | 4 | 1021 | 0 | 0 | 1025 | 2069 |
| % FHWA 1-3 | 100 | 0 | 100 | 0 | 57.1 | 100 | 97.2 | 100 | 0 | 97.3 | 100 | 0 | 100 | 0 | 95.4 | 100 | 97.5 | 0 | 0 | 97.5 | 97.2 |
| FHWA 4 | 0 | 0 | 0 | 2 | 2 | 0 | 7 | 0 | 0 | 7 | 0 | 0 | 0 | 1 | 1 | 0 | 7 | 0 | 0 | 7 | 17 |
| % FHWA 4 | 0 | 0 | 0 | 66.7 | 28.6 | 0 | 0.7 | 0 | 0 | 0.7 | 0 | 0 | 0 | 33.3 | 1.5 | 0 | 0.7 | 0 | 0 | 0.7 | 0.8 |
| FHWA 5-13 | 0 | 0 | 0 | 1 | 1 | 0 | 20 | 0 | 0 | 20 | 0 | 0 | 0 | 2 | 2 | 0 | 19 | 0 | 0 | 19 | 42 |
| % FHWA 5-13 | 0 | 0 | 0 | 33.3 | 14.3 | 0 | 2.0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 66.7 | 3.1 | 0 | 1.8 | 0 | 0 | 1.8 | 2.0 |



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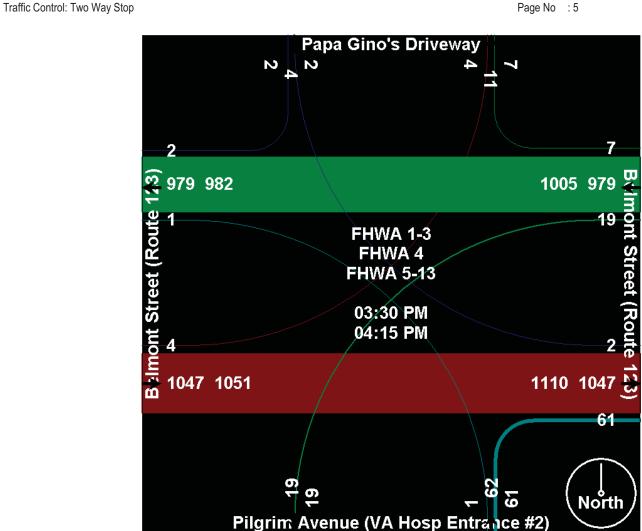
Board # & Staff: DB-400 (5) & KM

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Site Code : 44 Start Date : 3/8/2011 Page No : 6

Image 1



