

**OLD COLONY PLANNING COUNCIL**

# **Birch, Chapel, and Valley Streets**

## **Traffic Data Collection and Analysis Project**

---

**Pembroke, MA**

**Local Highway Technical Assistance Project**

**11/4/2011**



The preparation of this report has been financed in part through grants from the Federal Highway Administration, U.S. Department of Transportation, under Metropolitan Planning Program, Section 104(f) of Title 23, U.S. Code, under Contract 69649. The views and opinions of the Old Colony Planning Council expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.



# Old Colony Planning Council



Robert G. Moran, Jr.  
President

70 School Street  
Brockton, MA 02301-4097

Pasquale Ciaramella  
Executive Director

Telephone: (508) 583-1833  
Fax: (508) 559-8768  
Email: [info@ocpcrpa.org](mailto:info@ocpcrpa.org)  
Website: [www.ocpcrpa.org](http://www.ocpcrpa.org)

November 4, 2011

Mr. Edwin Thorne, Town Administrator  
Town of Pembroke  
100 Center Street  
Pembroke, MA 02359

RE: Birch, Chapel and Valley Streets Traffic Data Collection and Analysis Project, Pembroke, MA

Dear Mr. Thorne,

Per your request, please find the results of the ***Birch, Chapel, and Valley Streets Traffic Data Collection and Analysis Project***. The project included the collection of four (4) Automatic Traffic Recorder (ATR) counts (volume, speed, and classification) by Old Colony Planning Council (OCPC) on Birch Street, Chapel Street, and Valley Street in Pembroke. These traffic counts were conducted in October 2011 to provide the town with current traffic volumes for the aforementioned streets in support of residents' concerns.

This correspondence includes four (4) Automatic Traffic Recorder (ATR) counts conducted by OCPC on Birch Street, Chapel Street, and Valley Street and a traffic data summary table.

Should you have any questions regarding this material, or if any additional information is needed, please contact Jed Cornock at 508.583.1833 x215 or [jcornock@ocpcrpa.org](mailto:jcornock@ocpcrpa.org).

Sincerely,

Charles Kilmer  
Transportation Program Manager

Enclosures:

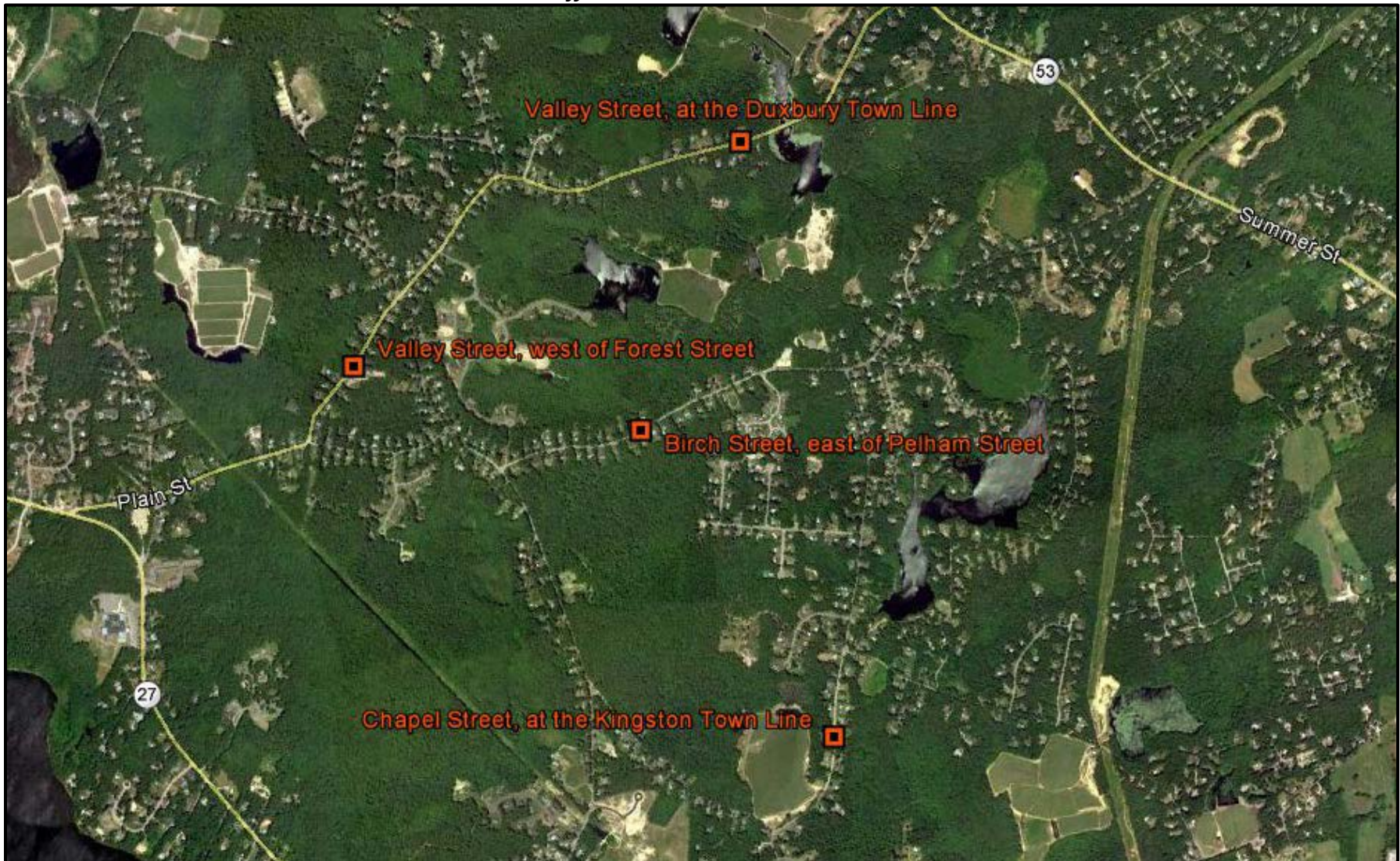
Birch, Chapel, and Valley Streets Traffic Data Collection and Analysis Project

cc: Mr. Daniel Trabucco, Chairman, Pembroke Board of Selectmen  
Mr. Eugene Fulmine Jr., Director, Pembroke Department of Public Works  
Chief Michael Ohrenberger, Pembroke Police Department  
Mr. Andrew Wandell, Chairman, Pembroke Planning Board  
Mr. Gerard Dempsey, Pembroke Delegate, Old Colony Planning Council  
Ms. Pamela Haznar, P.E., MassDOT District 5  
Ms. Karen Pearson, MassDOT Office of Transportation Planning  
Mr. Paul Maloney, P.E., Metropolitan Planner, FHWA

# Old Colony Planning Council

## Birch, Chapel, and Valley Streets Traffic Data Collection & Analysis Project Pembroke, MA

*Traffic Data Collection Locations*





# Old Colony Planning Council

## Birch, Chapel, and Valley Streets Traffic Data Collection & Analysis Project

### Pembroke, MA

#### Automatic Traffic Recorder (ATR) Count(s) Summary

DATE	LOCATION	ADT	AADT	AM PEAK HOUR (PH)	AM PH VOLUME	PM PEAK HOUR (PH)	PM PH VOLUME	SPEED LIMIT	AVG SPEED	85% SPEED	10 MPH PACE SPEED	HEAVY VEHICLE %
10/12-13/11	<b>Birch Street, east of Pelham Street</b>											
	Eastbound	737	678	7:00 AM	58	4:00 PM	68	30 MPH	37 MPH	43 MPH	34-43 MPH	6.4%
	Westbound	724	666	7:00 AM	75	4:00 PM	70	30 MPH	40 MPH	45 MPH	36-45 MPH	10.4%
	<b>Average Combined Total</b>	<b>1,461</b>	<b>1,344</b>	<b>7:00 AM</b>	<b>134</b>	<b>4:00 PM</b>	<b>138</b>	<b>30 MPH</b>	<b>39 MPH</b>	<b>44 MPH</b>	<b>35-44 MPH</b>	<b>8.4%</b>
10/12-13/11	<b>Chapel Street, at the Kingston Town Line</b>											
	Northbound	268	247	6:00 AM	16	5:00 PM	28	35 MPH	36 MPH	40 MPH	31-40 MPH	9.3%
	Southbound	280	258	7:00 AM	24	4:00 PM	30	35 MPH	37 MPH	42 MPH	33-42 MPH	13.6%
	<b>Average Combined Total</b>	<b>548</b>	<b>504</b>	<b>7:00 AM</b>	<b>38</b>	<b>5:00 PM</b>	<b>55</b>	<b>35 MPH</b>	<b>36 MPH</b>	<b>41 MPH</b>	<b>32-41 MPH</b>	<b>11.5%</b>
10/12-13/11	<b>Valley Street, at the Duxbury Town Line</b>											
	Eastbound	957	880	7:00 AM	86	5:00 PM	79	35 MPH	37 MPH	43 MPH	34-43 MPH	9.2%
	Westbound	964	887	7:00 AM	84	3:00 PM	88	35 MPH	35 MPH	40 MPH	31-40 MPH	5.3%
	<b>Average Combined Total</b>	<b>1,921</b>	<b>1,767</b>	<b>7:00 AM</b>	<b>170</b>	<b>5:00 PM</b>	<b>166</b>	<b>35 MPH</b>	<b>36 MPH</b>	<b>42 MPH</b>	<b>33-42 MPH</b>	<b>7.3%</b>
10/18-19/11	<b>Valley Street, west of Forest Street</b>											
	Eastbound	726	668	7:00 AM	75	5:00 PM	70	30 MPH	34 MPH	39 MPH	30-39 MPH	7.9%
	Westbound	787	724	7:00 AM	112	3:00 PM	67	30 MPH	34 MPH	39 MPH	31-40 MPH	4.7%
	<b>Average Combined Total</b>	<b>1,513</b>	<b>1,392</b>	<b>7:00 AM</b>	<b>186</b>	<b>5:00 PM</b>	<b>134</b>	<b>30 MPH</b>	<b>34 MPH</b>	<b>39 MPH</b>	<b>30-39 MPH</b>	<b>6.2%</b>

Average Daily Traffic (ADT) - The average number of vehicles for a weekday (24 hours, non weekend or holiday) collected over a 24 to 48 hour period

Annual Average Daily Traffic (AADT) - The average number of vehicles for a weekday collected over a 24 or 48 hour period that is adjusted using a seasonal adjustment factor

Peak Hour - The hour of the day at which the highest volume of traffic is recorded

Peak Hour Volume - The volume of traffic occurring during the peak hour

Average Speed - The sum of all speeds in the sample divided by the number of vehicles in the sample

85th Percentile Speed (85% Speed) - The speed at or below which 85 percent of all vehicles in the sample area are traveling

10 MPH Pace Speed - The pace is the speed range within defined limits, usually 10 MPH, which contains the largest number of observations

Heavy Vehicle Percentage - The percentage of buses and vehicles with two (2) or more axles and six or more tires





# Traffic Data

## Automatic Traffic Recorder (ATR) Counts

*Birch Street, east of Pelham Street*

*Chapel Street, at the Kingston Town Line*

*Valley Street, at the Duxbury Town Line*

*Valley Street, west of Forest Street*



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

Start Time	10-Oct-11		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	*	*	3	8	3	4	*	*	*	*	*	*	3	6
01:00	*	*	*	*	4	1	2	2	*	*	*	*	*	*	3	2
02:00	*	*	*	*	0	0	1	1	*	*	*	*	*	*	0	0
03:00	*	*	*	*	0	0	1	1	*	*	*	*	*	*	0	0
04:00	*	*	*	*	2	2	2	1	*	*	*	*	*	*	2	2
05:00	*	*	*	*	7	10	9	12	*	*	*	*	*	*	8	11
06:00	*	*	*	*	29	39	18	37	*	*	*	*	*	*	24	38
07:00	*	*	*	*	<b>60</b>	<b>76</b>	<b>57</b>	<b>74</b>	*	*	*	*	*	*	<b>58</b>	<b>75</b>
08:00	*	*	*	*	45	43	43	46	*	*	*	*	*	*	44	44
09:00	*	*	*	*	46	28	37	29	*	*	*	*	*	*	42	28
10:00	*	*	*	*	39	32	30	31	*	*	*	*	*	*	34	32
11:00	*	*	*	*	46	41	35	33	*	*	*	*	*	*	40	37
12:00 PM	*	*	*	*	29	38	33	34	*	*	*	*	*	*	31	36
01:00	*	*	*	*	29	46	31	39	*	*	*	*	*	*	30	42
02:00	*	*	*	*	65	53	61	41	*	*	*	*	*	*	63	47
03:00	*	*	*	*	54	58	<b>68</b>	<b>68</b>	*	*	*	*	*	*	61	63
04:00	*	*	*	*	<b>71</b>	<b>75</b>	64	65	*	*	*	*	*	*	<b>68</b>	<b>70</b>
05:00	*	*	*	*	65	55	67	55	*	*	*	*	*	*	66	55
06:00	*	*	*	*	62	48	55	64	*	*	*	*	*	*	58	56
07:00	*	*	*	*	33	28	38	33	*	*	*	*	*	*	36	30
08:00	*	*	*	*	24	18	33	18	*	*	*	*	*	*	28	18
09:00	*	*	*	*	22	18	26	15	*	*	*	*	*	*	24	16
10:00	*	*	*	*	4	6	12	9	*	*	*	*	*	*	8	8
11:00	*	*	*	*	7	8	5	8	*	*	*	*	*	*	6	8
Total	0	0	0	0	746	731	731	720	0	0	0	0	0	0	737	724
Day	0	0	0	0	1477		1451		0	0	0	0	0	0	1461	
AM Peak					07:00	07:00	07:00	07:00							07:00	07:00
Vol.					60	76	57	74							58	75
PM Peak					16:00	16:00	15:00	15:00							16:00	16:00
Vol.					71	75	68	68							68	70
Comb. Total	0	0	0	0	1477		1451		0	0	0	0	0	0	1461	

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

Start Time	12-Oct-11		EB		WB		Combined		13-Oct-Thu	EB		WB		Combined	
	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			0	7	4	8	4	15		0	6	2	9	2	15
12:15			2	4	1	9	3	13		1	10	1	6	2	16
12:30			0	8	2	9	2	17		2	9	1	10	3	19
12:45			1	10	1	12	2	22		0	8	0	9	0	17
01:00			2	9	0	10	2	19		0	8	0	10	0	18
01:15			1	7	0	8	1	15		1	7	1	8	2	15
01:30			1	5	1	13	2	18		0	9	1	8	1	17
01:45			0	8	0	15	0	23		1	7	0	13	1	20
02:00			0	19	0	8	0	27		1	15	0	11	1	26
02:15			0	20	0	14	0	34		0	18	1	6	1	24
02:30			0	13	0	16	0	29		0	10	0	11	0	21
02:45			0	13	0	15	0	28		0	18	0	13	0	31
03:00			0	12	0	15	0	27		0	19	1	21	1	40
03:15			0	12	0	20	0	32		1	18	0	17	1	35
03:30			0	15	0	12	0	27		0	18	0	14	0	32
03:45			0	15	0	11	0	26		0	13	0	16	0	29
04:00			1	20	0	23	1	43		0	10	0	18	0	28
04:15			0	13	0	10	0	23		1	17	0	14	1	31
04:30			0	13	2	25	2	38		0	15	1	17	1	32
04:45			1	25	0	17	1	42		1	22	0	16	1	38
05:00			1	15	2	13	3	28		1	15	3	20	4	35
05:15			3	18	1	13	4	31		2	18	0	8	2	26
05:30			1	12	5	17	6	29		3	21	6	10	9	31
05:45			2	20	2	12	4	32		3	13	3	17	6	30
06:00			2	12	13	10	15	22		4	16	13	22	17	38
06:15			6	12	12	18	18	30		4	13	11	15	15	28
06:30			11	18	5	10	16	28		4	12	6	12	10	24
06:45			10	20	9	10	19	30		6	14	7	15	13	29
07:00			11	4	23	4	34	8		12	4	28	8	40	12
07:15			17	8	28	9	45	17		18	13	24	8	42	21
07:30			22	14	12	8	34	22		18	7	10	8	28	15
07:45			10	7	13	7	23	14		9	14	12	9	21	23
08:00			13	4	14	5	27	9		13	8	14	3	27	11
08:15			10	11	14	3	24	14		9	11	10	8	19	19
08:30			12	5	4	5	16	10		9	4	11	5	20	9
08:45			10	4	11	5	21	9		12	10	11	2	23	12
09:00			9	6	5	4	14	10		6	6	8	3	14	9
09:15			14	7	7	8	21	15		9	5	7	3	16	8
09:30			11	5	8	3	19	8		9	10	9	6	18	16
09:45			12	4	8	3	20	7		13	5	5	3	18	8
10:00			11	1	6	3	17	4		4	5	8	3	12	8
10:15			7	2	9	1	16	3		10	3	5	5	15	8
10:30			12	0	8	2	20	2		8	3	7	1	15	4
10:45			9	1	9	0	18	1		8	1	11	0	19	1
11:00			14	1	10	2	24	3		6	2	6	3	12	5
11:15			5	1	12	2	17	3		9	0	8	2	17	2
11:30			14	3	9	3	23	6		11	1	10	1	21	2
11:45			13	2	10	1	23	3		9	2	9	2	18	4
Total			281	465	280	451	561	916		238	493	271	449	509	942
Day Total			746		731		1477			731		720		1451	
% Total			19.0%	31.5%	19.0%	30.5%				16.4%	34.0%	18.7%	30.9%		
Peak			07:15	04:00	07:00	04:00	07:00	04:00		07:15	04:45	07:00	03:00	07:00	02:45
Vol.			62	71	76	75	136	146		58	76	74	68	131	138
P.H.F.			0.705	0.710	0.679	0.750	0.756	0.849		0.806	0.864	0.661	0.810	0.780	0.863

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

Start Time	10-Oct-11 Mon	11-Oct-11 Tue	12-Oct-11 Wed	13-Oct-11 Thu	14-Oct-11 Fri	15-Oct-11 Sat	16-Oct-11 Sun	Week Average
12:00 AM	*	*	11	7	*	*	*	9
01:00	*	*	5	4	*	*	*	4
02:00	*	*	0	2	*	*	*	1
03:00	*	*	0	2	*	*	*	1
04:00	*	*	4	3	*	*	*	4
05:00	*	*	17	21	*	*	*	19
06:00	*	*	68	55	*	*	*	62
07:00	*	*	<b>136</b>	<b>131</b>	*	*	*	<b>134</b>
08:00	*	*	88	89	*	*	*	88
09:00	*	*	74	66	*	*	*	70
10:00	*	*	71	61	*	*	*	66
11:00	*	*	87	68	*	*	*	78
12:00 PM	*	*	67	67	*	*	*	67
01:00	*	*	75	70	*	*	*	72
02:00	*	*	118	102	*	*	*	110
03:00	*	*	112	<b>136</b>	*	*	*	124
04:00	*	*	<b>146</b>	129	*	*	*	<b>138</b>
05:00	*	*	120	122	*	*	*	121
06:00	*	*	110	119	*	*	*	114
07:00	*	*	61	71	*	*	*	66
08:00	*	*	42	51	*	*	*	46
09:00	*	*	40	41	*	*	*	40
10:00	*	*	10	21	*	*	*	16
11:00	*	*	15	13	*	*	*	14
Total	0	0	1477	1451	0	0	0	1464
Percentage	0.0%	0.0%	100.9%	99.1%	0.0%	0.0%	0.0%	
AM Peak			07:00	07:00				07:00
Vol.			136	131				134
PM Peak			16:00	15:00				16:00
Vol.			146	136				138

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

**EB**

Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total
10/12/1																												
1	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	0	0	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
06:00	1	1	0	0	5	15	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
07:00	0	0	1	3	11	24	18	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
08:00	0	0	0	0	7	10	25	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
09:00	0	0	0	1	7	16	18	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
10:00	0	0	0	2	9	18	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
11:00	1	1	0	2	8	26	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
12 PM	0	0	2	2	7	8	7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
13:00	0	0	0	1	4	17	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
14:00	2	1	2	5	12	33	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
15:00	3	0	1	1	10	20	14	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
16:00	0	0	0	2	21	24	21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
17:00	1	0	0	0	9	32	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
18:00	0	0	0	2	18	30	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
19:00	0	0	0	2	4	15	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
20:00	1	0	0	1	6	5	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
21:00	0	0	0	4	6	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
22:00	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
23:00	1	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Total	10	3	6	28	152	309	193	40	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	746

Daily

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

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 479  
 Percent in Pace : 64.2%  
 Number of Vehicles > 30 MPH : 676  
 Percent of Vehicles > 30 MPH : 90.6%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

**EB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
10/13/1															
1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3
01:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
05:00	0	0	0	0	2	4	2	1	0	0	0	0	0	0	9
06:00	3	1	0	1	6	4	2	1	0	0	0	0	0	0	18
07:00	1	1	0	4	13	28	9	1	0	0	0	0	0	0	57
08:00	0	0	0	2	7	24	8	1	1	0	0	0	0	0	43
09:00	1	2	0	2	10	12	5	4	0	1	0	0	0	0	37
10:00	0	1	2	1	8	10	7	0	1	0	0	0	0	0	30
11:00	0	0	0	1	8	19	5	2	0	0	0	0	0	0	35
12 PM	1	0	0	5	7	12	6	2	0	0	0	0	0	0	33
13:00	1	1	0	2	9	9	8	1	0	0	0	0	0	0	31
14:00	1	3	0	3	16	17	17	3	1	0	0	0	0	0	61
15:00	1	0	0	0	8	38	14	7	0	0	0	0	0	0	68
16:00	0	0	0	1	12	34	13	4	0	0	0	0	0	0	64
17:00	2	1	2	0	13	24	18	7	0	0	0	0	0	0	67
18:00	1	0	0	0	15	23	15	1	0	0	0	0	0	0	55
19:00	2	0	0	2	5	15	12	2	0	0	0	0	0	0	38
20:00	0	0	1	1	6	11	9	2	3	0	0	0	0	0	33
21:00	0	0	0	1	7	13	5	0	0	0	0	0	0	0	26
22:00	0	1	0	0	6	2	1	2	0	0	0	0	0	0	12
23:00	1	0	0	1	2	0	1	0	0	0	0	0	0	0	5
<b>Total</b>	<b>15</b>	<b>11</b>	<b>5</b>	<b>27</b>	<b>162</b>	<b>303</b>	<b>159</b>	<b>42</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>731</b>

Daily

15th Percentile : 30 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 33-42 MPH  
 Number in Pace : 453  
 Percent in Pace : 62.0%  
 Number of Vehicles > 30 MPH : 641  
 Percent of Vehicles > 30 MPH : 87.7%

<b>Grand Total</b>	<b>25</b>	<b>14</b>	<b>11</b>	<b>55</b>	<b>314</b>	<b>612</b>	<b>352</b>	<b>82</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1477</b>
--------------------	-----------	-----------	-----------	-----------	------------	------------	------------	-----------	-----------	----------	----------	----------	----------	----------	-------------

Overall

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

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 932  
 Percent in Pace : 63.1%  
 Number of Vehicles > 30 MPH : 1317  
 Percent of Vehicles > 30 MPH : 89.2%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

WB	Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	76	
10/12/1																
1	0	0	0	0	0	3	3	1	1	0	0	0	0	0	0	8
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
05:00	0	0	1	0	2	2	2	3	0	0	0	0	0	0	0	10
06:00	1	0	0	1	7	9	16	4	1	0	0	0	0	0	0	39
07:00	0	0	0	1	9	19	27	18	2	0	0	0	0	0	0	76
08:00	0	1	0	0	3	13	17	9	0	0	0	0	0	0	0	43
09:00	0	1	0	0	5	7	10	2	2	1	0	0	0	0	0	28
10:00	0	0	0	2	6	11	8	5	0	0	0	0	0	0	0	32
11:00	0	0	0	0	7	14	17	3	0	0	0	0	0	0	0	41
12 PM	0	0	1	2	5	12	13	5	0	0	0	0	0	0	0	38
13:00	0	0	1	1	3	16	21	4	0	0	0	0	0	0	0	46
14:00	0	1	1	5	5	15	21	4	1	0	0	0	0	0	0	53
15:00	0	2	0	2	2	23	22	6	1	0	0	0	0	0	0	58
16:00	0	0	0	0	6	26	38	5	0	0	0	0	0	0	0	75
17:00	0	1	0	1	4	16	23	9	1	0	0	0	0	0	0	55
18:00	0	0	0	2	3	21	13	8	1	0	0	0	0	0	0	48
19:00	0	0	0	1	2	7	11	5	2	0	0	0	0	0	0	28
20:00	0	0	0	0	2	7	7	2	0	0	0	0	0	0	0	18
21:00	0	0	0	0	3	6	7	2	0	0	0	0	0	0	0	18
22:00	0	0	0	1	0	3	2	0	0	0	0	0	0	0	0	6
23:00	0	0	0	0	2	5	0	1	0	0	0	0	0	0	0	8
Total	1	6	4	19	79	235	278	96	12	1	0	0	0	0	0	731

Daily

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

Mean Speed(Average) : 40 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 470  
 Percent in Pace : 64.3%  
 Number of Vehicles > 30 MPH : 690  
 Percent of Vehicles > 30 MPH : 94.4%



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

WB	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	
10/13/1															
1	0	0	0	0	1	3	0	0	0	0	0	0	0	0	4
01:00	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
03:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	1	6	4	1	0	0	0	0	0	0	12
06:00	0	0	0	2	7	12	12	4	0	0	0	0	0	0	37
07:00	2	1	0	0	12	27	25	6	1	0	0	0	0	0	74
08:00	1	0	1	0	4	17	19	3	1	0	0	0	0	0	46
09:00	0	0	1	3	1	11	10	2	1	0	0	0	0	0	29
10:00	1	1	0	0	4	15	7	1	1	1	0	0	0	0	31
11:00	0	0	1	0	4	12	11	4	0	1	0	0	0	0	33
12 PM	0	0	0	0	4	10	16	3	0	1	0	0	0	0	34
13:00	1	0	1	0	4	13	12	8	0	0	0	0	0	0	39
14:00	0	0	0	1	8	11	11	8	2	0	0	0	0	0	41
15:00	0	1	0	0	6	27	29	5	0	0	0	0	0	0	68
16:00	0	0	1	0	3	20	32	9	0	0	0	0	0	0	65
17:00	0	1	0	0	7	10	23	10	4	0	0	0	0	0	55
18:00	0	0	0	0	8	17	32	5	2	0	0	0	0	0	64
19:00	0	0	0	0	2	15	9	5	2	0	0	0	0	0	33
20:00	0	1	1	0	2	10	1	2	1	0	0	0	0	0	18
21:00	0	0	0	2	2	8	1	2	0	0	0	0	0	0	15
22:00	0	0	0	0	1	6	1	1	0	0	0	0	0	0	9
23:00	0	0	0	0	1	2	4	0	1	0	0	0	0	0	8
<b>Total</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>8</b>	<b>84</b>	<b>252</b>	<b>259</b>	<b>80</b>	<b>17</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>720</b>

Daily  
 15th Percentile : 34 MPH  
 50th Percentile : 39 MPH  
 85th Percentile : 45 MPH  
 95th Percentile : 49 MPH  
  
 Mean Speed(Average) : 40 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 465  
 Percent in Pace : 64.6%  
 Number of Vehicles > 30 MPH : 681  
 Percent of Vehicles > 30 MPH : 94.5%

<b>Grand Total</b>	<b>6</b>	<b>11</b>	<b>10</b>	<b>27</b>	<b>163</b>	<b>487</b>	<b>537</b>	<b>176</b>	<b>29</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1451</b>
--------------------	----------	-----------	-----------	-----------	------------	------------	------------	------------	-----------	----------	----------	----------	----------	----------	-------------

Overall  
 15th Percentile : 34 MPH  
 50th Percentile : 40 MPH  
 85th Percentile : 45 MPH  
 95th Percentile : 49 MPH  
  
 Mean Speed(Average) : 40 MPH  
 10 MPH Pace Speed : 36-45 MPH  
 Number in Pace : 935  
 Percent in Pace : 64.4%  
 Number of Vehicles > 30 MPH : 1371  
 Percent of Vehicles > 30 MPH : 94.5%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

**EB, WB**

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
10/12/1															
1	0	0	0	0	2	3	3	2	1	0	0	0	0	0	11
01:00	0	0	0	0	3	1	1	0	0	0	0	0	0	0	5
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	2	0	2	0	0	0	0	0	0	0	4
05:00	0	0	1	0	2	4	6	4	0	0	0	0	0	0	17
06:00	2	1	0	1	12	24	20	6	2	0	0	0	0	0	68
07:00	0	0	1	4	20	43	45	19	4	0	0	0	0	0	136
08:00	0	1	0	0	10	23	42	12	0	0	0	0	0	0	88
09:00	0	1	0	1	12	23	28	5	3	1	0	0	0	0	74
10:00	0	0	0	4	15	29	18	5	0	0	0	0	0	0	71
11:00	1	1	0	2	15	40	24	4	0	0	0	0	0	0	87
12 PM	0	0	3	4	12	20	20	7	1	0	0	0	0	0	67
13:00	0	0	1	2	7	33	26	6	0	0	0	0	0	0	75
14:00	2	2	3	10	17	48	27	8	1	0	0	0	0	0	118
15:00	3	2	1	3	12	43	36	11	1	0	0	0	0	0	112
16:00	0	0	0	2	27	50	59	8	0	0	0	0	0	0	146
17:00	1	1	0	1	13	48	44	11	1	0	0	0	0	0	120
18:00	0	0	0	4	21	51	21	12	1	0	0	0	0	0	110
19:00	0	0	0	3	6	22	19	9	2	0	0	0	0	0	61
20:00	1	0	0	1	8	12	16	4	0	0	0	0	0	0	42
21:00	0	0	0	4	9	16	9	2	0	0	0	0	0	0	40
22:00	0	0	0	1	1	4	4	0	0	0	0	0	0	0	10
23:00	1	0	0	0	5	7	1	1	0	0	0	0	0	0	15
<b>Total</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>47</b>	<b>231</b>	<b>544</b>	<b>471</b>	<b>136</b>	<b>17</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1477</b>

Daily

15th Percentile : 32 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 44 MPH  
 95th Percentile : 47 MPH

Mean Speed(Average) : 39 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 933  
 Percent in Pace : 63.2%  
 Number of Vehicles > 30 MPH : 1366  
 Percent of Vehicles > 30 MPH : 92.5%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

**EB, WB**

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
10/13/1															
1	0	0	0	0	2	4	0	1	0	0	0	0	0	0	7
01:00	0	0	0	0	1	2	0	0	1	0	0	0	0	0	4
02:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
03:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
04:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
05:00	0	0	0	0	3	10	6	2	0	0	0	0	0	0	21
06:00	3	1	0	3	13	16	14	5	0	0	0	0	0	0	55
07:00	3	2	0	4	25	55	34	7	1	0	0	0	0	0	131
08:00	1	0	1	2	11	41	27	4	2	0	0	0	0	0	89
09:00	1	2	1	5	11	23	15	6	1	1	0	0	0	0	66
10:00	1	2	2	1	12	25	14	1	2	1	0	0	0	0	61
11:00	0	0	1	1	12	31	16	6	0	1	0	0	0	0	68
12 PM	1	0	0	5	11	22	22	5	0	1	0	0	0	0	67
13:00	2	1	1	2	13	22	20	9	0	0	0	0	0	0	70
14:00	1	3	0	4	24	28	28	11	3	0	0	0	0	0	102
15:00	1	1	0	0	14	65	43	12	0	0	0	0	0	0	136
16:00	0	0	1	1	15	54	45	13	0	0	0	0	0	0	129
17:00	2	2	2	0	20	34	41	17	4	0	0	0	0	0	122
18:00	1	0	0	0	23	40	47	6	2	0	0	0	0	0	119
19:00	2	0	0	2	7	30	21	7	2	0	0	0	0	0	71
20:00	0	1	2	1	8	21	10	4	4	0	0	0	0	0	51
21:00	0	0	0	3	9	21	6	2	0	0	0	0	0	0	41
22:00	0	1	0	0	7	8	2	3	0	0	0	0	0	0	21
23:00	1	0	0	1	3	2	5	0	1	0	0	0	0	0	13
<b>Total</b>	<b>20</b>	<b>16</b>	<b>11</b>	<b>35</b>	<b>246</b>	<b>555</b>	<b>418</b>	<b>122</b>	<b>23</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1451</b>

Daily

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

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 900  
 Percent in Pace : 62.0%  
 Number of Vehicles > 30 MPH : 1322  
 Percent of Vehicles > 30 MPH : 91.1%

<b>Grand Total</b>	<b>31</b>	<b>25</b>	<b>21</b>	<b>82</b>	<b>477</b>	<b>1099</b>	<b>889</b>	<b>258</b>	<b>40</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2928</b>
--------------------	-----------	-----------	-----------	-----------	------------	-------------	------------	------------	-----------	----------	----------	----------	----------	----------	-------------

Overall

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

Mean Speed(Average) : 39 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 1832  
 Percent in Pace : 62.6%  
 Number of Vehicles > 30 MPH : 2687  
 Percent of Vehicles > 30 MPH : 91.8%





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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

WB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	10/12/11	0	7	1	0	0	0	0	0	0	0	0	0	0	8	0
	01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
	05:00	0	5	3	0	2	0	0	0	0	0	0	0	0	10	2
	06:00	0	22	15	0	2	0	0	0	0	0	0	0	0	39	2
	07:00	0	50	17	1	8	0	0	0	0	0	0	0	0	76	9
	08:00	0	27	11	2	3	0	0	0	0	0	0	0	0	43	5
	09:00	0	17	8	1	2	0	0	0	0	0	0	0	0	28	3
	10:00	0	16	14	1	1	0	0	0	0	0	0	0	0	32	2
	11:00	0	16	19	1	5	0	0	0	0	0	0	0	0	41	6
	12 PM	0	21	12	0	4	0	0	1	0	0	0	0	0	38	5
	13:00	0	20	22	0	3	0	0	1	0	0	0	0	0	46	4
	14:00	0	32	15	1	4	1	0	0	0	0	0	0	0	53	6
	15:00	0	29	22	0	6	0	0	1	0	0	0	0	0	58	7
	16:00	0	41	24	0	10	0	0	0	0	0	0	0	0	75	10
	17:00	0	32	17	0	5	0	0	1	0	0	0	0	0	55	6
	18:00	0	27	18	1	2	0	0	0	0	0	0	0	0	48	3
	19:00	0	16	9	0	3	0	0	0	0	0	0	0	0	28	3
	20:00	0	12	5	0	1	0	0	0	0	0	0	0	0	18	1
	21:00	0	13	4	0	1	0	0	0	0	0	0	0	0	18	1
	22:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6	0
	23:00	0	4	4	0	0	0	0	0	0	0	0	0	0	8	0
	Total	0	414	242	8	62	1	0	4	0	0	0	0	0	731	75
	Percent	0.0%	56.6%	33.1%	1.1%	8.5%	0.1%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%		10.3%
	AM Peak		07:00	11:00	08:00	07:00									07:00	07:00
	Vol.		50	19	2	8									76	9
	PM Peak		16:00	16:00	14:00	16:00	14:00		12:00						16:00	16:00
	Vol.		41	24	1	10	1		1						75	10



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #17  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Birch St, east of Pelham St

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
10/12/11	0	9	2	0	0	0	0	0	0	0	0	0	0	11	0
01:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0
05:00	0	10	5	0	2	0	0	0	0	0	0	0	0	17	2
06:00	0	40	24	1	3	0	0	0	0	0	0	0	0	68	4
07:00	0	92	33	2	9	0	0	0	0	0	0	0	0	136	11
08:00	0	52	27	2	6	0	0	1	0	0	0	0	0	88	9
09:00	0	47	19	1	6	0	0	1	0	0	0	0	0	74	8
10:00	0	41	25	1	4	0	0	0	0	0	0	0	0	71	5
11:00	0	44	32	2	9	0	0	0	0	0	0	0	0	87	11
12 PM	0	43	17	0	6	0	0	1	0	0	0	0	0	67	7
13:00	0	39	31	1	3	0	0	1	0	0	0	0	0	75	5
14:00	0	80	28	3	6	1	0	0	0	0	0	0	0	118	10
15:00	0	66	38	0	7	0	0	1	0	0	0	0	0	112	8
16:00	0	91	41	0	14	0	0	0	0	0	0	0	0	146	14
17:00	0	83	29	0	7	0	0	1	0	0	0	0	0	120	8
18:00	0	73	33	1	3	0	0	0	0	0	0	0	0	110	4
19:00	0	37	20	0	4	0	0	0	0	0	0	0	0	61	4
20:00	0	30	11	0	1	0	0	0	0	0	0	0	0	42	1
21:00	0	30	8	0	2	0	0	0	0	0	0	0	0	40	2
22:00	0	7	3	0	0	0	0	0	0	0	0	0	0	10	0
23:00	0	10	5	0	0	0	0	0	0	0	0	0	0	15	0
Total	0	933	431	14	92	1	0	6	0	0	0	0	0	1477	113
Percent	0.0%	63.2%	29.2%	0.9%	6.2%	0.1%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%		7.7%
AM Peak		07:00	07:00	07:00	07:00			08:00						07:00	07:00
Vol.		92	33	2	9			1						136	11
PM Peak		16:00	16:00	14:00	16:00	14:00		12:00						16:00	16:00
Vol.		91	41	3	14	1		1						146	14









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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

Start Time	12-Oct-11		NB		SB		Combined		13-Oct-Thu	NB		SB		Combined	
	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			0	1	0	1	0	2		0	1	0	5	0	6
12:15			2	2	1	4	3	6		0	3	1	4	1	7
12:30			0	6	0	6	0	12		0	5	0	4	0	9
12:45			0	7	1	3	1	10		1	3	0	5	1	8
01:00			0	0	0	2	0	2		0	3	0	1	0	4
01:15			0	4	0	2	0	6		1	3	1	2	2	5
01:30			0	9	0	7	0	16		0	5	1	3	1	8
01:45			0	5	0	4	0	9		0	2	0	0	0	2
02:00			0	4	0	3	0	7		0	2	0	4	0	6
02:15			0	7	0	11	0	18		2	3	0	5	2	8
02:30			0	8	0	2	0	10		0	6	0	4	0	10
02:45			0	5	0	5	0	10		0	7	0	3	0	10
03:00			0	4	1	6	1	10		0	3	0	9	0	12
03:15			1	5	0	4	1	9		0	6	0	4	0	10
03:30			0	7	0	8	0	15		0	5	0	6	0	11
03:45			0	4	0	7	0	11		0	4	0	8	0	12
04:00			1	3	1	8	2	11		1	10	0	5	1	15
04:15			0	4	0	10	0	14		0	3	0	10	0	13
04:30			0	6	0	12	0	18		1	5	1	8	2	13
04:45			1	7	0	3	1	10		0	10	0	5	0	15
05:00			0	6	0	11	0	17		0	4	0	8	0	12
05:15			3	7	2	10	5	17		1	10	1	6	2	16
05:30			2	6	0	6	2	12		2	6	1	4	3	10
05:45			1	7	1	4	2	11		1	9	1	6	2	15
06:00			0	5	3	4	3	9		3	4	5	11	8	15
06:15			6	9	0	7	6	16		5	8	0	5	5	13
06:30			2	7	2	2	4	9		4	7	2	3	6	10
06:45			6	6	4	6	10	12		6	4	4	5	10	9
07:00			2	2	8	2	10	4		3	1	12	3	15	4
07:15			2	1	7	2	9	3		3	4	4	3	7	7
07:30			4	3	5	2	9	5		4	1	2	3	6	4
07:45			8	1	5	1	13	2		4	0	4	1	8	1
08:00			6	1	3	4	9	5		2	2	3	2	5	4
08:15			3	0	3	4	6	4		2	1	1	4	3	5
08:30			2	2	6	1	8	3		3	2	1	3	4	5
08:45			2	1	2	0	4	1		8	2	1	5	9	7
09:00			2	2	3	2	5	4		2	3	5	2	7	5
09:15			4	0	7	0	11	0		6	2	3	1	9	3
09:30			1	4	3	1	4	5		2	0	4	0	6	0
09:45			3	3	6	1	9	4		4	2	1	0	5	2
10:00			6	0	3	1	9	1		4	0	2	0	6	0
10:15			2	1	1	1	3	2		4	3	5	1	9	4
10:30			2	0	2	0	4	0		4	0	5	4	9	4
10:45			2	1	5	0	7	1		2	1	5	3	7	4
11:00			5	1	3	1	8	2		1	2	0	4	1	6
11:15			7	0	6	0	13	0		3	1	4	2	7	3
11:30			2	0	4	0	6	0		6	0	4	0	10	0
11:45			4	1	3	2	7	3		5	0	5	2	10	2
<b>Total</b>			<b>94</b>	<b>175</b>	<b>101</b>	<b>183</b>	<b>195</b>	<b>358</b>		<b>100</b>	<b>168</b>	<b>89</b>	<b>186</b>	<b>189</b>	<b>354</b>
<b>Day Total</b>			<b>269</b>		<b>284</b>		<b>553</b>			<b>268</b>		<b>275</b>		<b>543</b>	
<b>% Total</b>			<b>17.0%</b>	<b>31.6%</b>	<b>18.3%</b>	<b>33.1%</b>				<b>18.4%</b>	<b>30.9%</b>	<b>16.4%</b>	<b>34.3%</b>		
<b>Peak</b>			<b>07:30</b>	<b>05:45</b>	<b>07:00</b>	<b>03:45</b>	<b>07:00</b>	<b>04:30</b>		<b>08:30</b>	<b>04:45</b>	<b>06:30</b>	<b>03:45</b>	<b>06:30</b>	<b>04:00</b>
<b>Vol.</b>			<b>21</b>	<b>28</b>	<b>25</b>	<b>37</b>	<b>41</b>	<b>62</b>		<b>19</b>	<b>30</b>	<b>22</b>	<b>31</b>	<b>38</b>	<b>56</b>
<b>P.H.F.</b>			<b>0.656</b>	<b>0.778</b>	<b>0.781</b>	<b>0.771</b>	<b>0.788</b>	<b>0.861</b>		<b>0.594</b>	<b>0.750</b>	<b>0.458</b>	<b>0.775</b>	<b>0.633</b>	<b>0.933</b>

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

Start Time	10-Oct-11 Mon	11-Oct-11 Tue	12-Oct-11 Wed	13-Oct-11 Thu	14-Oct-11 Fri	15-Oct-11 Sat	16-Oct-11 Sun	Week Average
12:00 AM	*	*	4	2	*	*	*	3
01:00	*	*	0	3	*	*	*	2
02:00	*	*	0	2	*	*	*	1
03:00	*	*	2	0	*	*	*	1
04:00	*	*	3	3	*	*	*	3
05:00	*	*	9	7	*	*	*	8
06:00	*	*	23	29	*	*	*	26
07:00	*	*	41	36	*	*	*	38
08:00	*	*	27	21	*	*	*	24
09:00	*	*	29	27	*	*	*	28
10:00	*	*	23	31	*	*	*	27
11:00	*	*	34	28	*	*	*	31
12:00 PM	*	*	30	30	*	*	*	30
01:00	*	*	33	19	*	*	*	26
02:00	*	*	45	34	*	*	*	40
03:00	*	*	45	45	*	*	*	45
04:00	*	*	53	56	*	*	*	54
05:00	*	*	57	53	*	*	*	55
06:00	*	*	46	47	*	*	*	46
07:00	*	*	14	16	*	*	*	15
08:00	*	*	13	21	*	*	*	17
09:00	*	*	13	10	*	*	*	12
10:00	*	*	4	12	*	*	*	8
11:00	*	*	5	11	*	*	*	8
Total	0	0	553	543	0	0	0	548
Percentage	0.0%	0.0%	100.9%	99.1%	0.0%	0.0%	0.0%	
AM Peak			07:00	07:00				07:00
Vol.			41	36				38
PM Peak			17:00	16:00				17:00
Vol.			57	56				55

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

**NB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
10/12/1															
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
05:00	0	0	0	0	0	3	2	1	0	0	0	0	0	0	6
06:00	0	0	0	1	4	5	2	1	0	1	0	0	0	0	14
07:00	0	0	1	3	5	4	3	0	0	0	0	0	0	0	16
08:00	0	0	0	0	5	6	2	0	0	0	0	0	0	0	13
09:00	0	0	0	3	3	4	0	0	0	0	0	0	0	0	10
10:00	0	0	0	2	4	3	2	1	0	0	0	0	0	0	12
11:00	0	0	0	2	5	6	4	0	1	0	0	0	0	0	18
12 PM	0	0	0	1	5	8	2	0	0	0	0	0	0	0	16
13:00	0	0	0	3	4	7	4	0	0	0	0	0	0	0	18
14:00	1	0	2	1	11	4	3	2	0	0	0	0	0	0	24
15:00	0	0	0	1	6	8	2	2	1	0	0	0	0	0	20
16:00	0	0	0	2	8	7	3	0	0	0	0	0	0	0	20
17:00	0	1	2	1	6	14	2	0	0	0	0	0	0	0	26
18:00	0	0	2	6	7	12	0	0	0	0	0	0	0	0	27
19:00	0	0	0	1	1	4	1	0	0	0	0	0	0	0	7
20:00	0	0	0	2	1	0	1	0	0	0	0	0	0	0	4
21:00	0	0	0	0	4	4	1	0	0	0	0	0	0	0	9
22:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
<b>Total</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>30</b>	<b>82</b>	<b>103</b>	<b>34</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>269</b>

Daily

15th Percentile : 29 MPH  
 50th Percentile : 35 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 44 MPH

Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 170  
 Percent in Pace : 63.2%  
 Number of Vehicles > 35 MPH : 145  
 Percent of Vehicles > 35 MPH : 53.8%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

**NB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
10/13/1															
1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
02:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	2	1	0	1	0	0	0	0	0	4
06:00	0	0	1	2	6	6	3	0	0	0	0	0	0	0	18
07:00	0	0	0	2	5	5	2	0	0	0	0	0	0	0	14
08:00	0	0	0	1	6	6	1	1	0	0	0	0	0	0	15
09:00	0	0	1	2	6	5	0	0	0	0	0	0	0	0	14
10:00	0	0	0	0	9	4	1	0	0	0	0	0	0	0	14
11:00	0	0	1	1	6	4	2	1	0	0	0	0	0	0	15
12 PM	0	0	0	3	2	5	2	0	0	0	0	0	0	0	12
13:00	0	0	0	0	4	7	1	1	0	0	0	0	0	0	13
14:00	0	0	1	4	4	9	0	0	0	0	0	0	0	0	18
15:00	0	0	0	0	7	8	2	1	0	0	0	0	0	0	18
16:00	0	0	0	1	15	9	3	0	0	0	0	0	0	0	28
17:00	0	0	0	1	7	14	6	1	0	0	0	0	0	0	29
18:00	1	1	0	0	13	8	0	0	0	0	0	0	0	0	23
19:00	0	0	0	0	3	2	1	0	0	0	0	0	0	0	6
20:00	0	0	0	2	2	1	1	1	0	0	0	0	0	0	7
21:00	0	0	0	3	1	3	0	0	0	0	0	0	0	0	7
22:00	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>24</b>	<b>100</b>	<b>103</b>	<b>26</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>268</b>

Daily  
 15th Percentile : 30 MPH  
 50th Percentile : 35 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 184  
 Percent in Pace : 68.7%  
 Number of Vehicles > 35 MPH : 137  
 Percent of Vehicles > 35 MPH : 51.1%

<b>Grand Total</b>	<b>2</b>	<b>2</b>	<b>11</b>	<b>54</b>	<b>182</b>	<b>206</b>	<b>60</b>	<b>15</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>537</b>
--------------------	----------	----------	-----------	-----------	------------	------------	-----------	-----------	----------	----------	----------	----------	----------	----------	------------

Overall  
 15th Percentile : 29 MPH  
 50th Percentile : 35 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH  
  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 353  
 Percent in Pace : 65.7%  
 Number of Vehicles > 35 MPH : 282  
 Percent of Vehicles > 35 MPH : 52.5%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

**SB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
10/12/1															
1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
06:00	0	0	0	0	3	5	1	0	0	0	0	0	0	0	9
07:00	0	0	0	2	3	10	9	0	1	0	0	0	0	0	25
08:00	0	0	0	1	4	5	3	1	0	0	0	0	0	0	14
09:00	0	0	0	2	7	9	1	0	0	0	0	0	0	0	19
10:00	0	0	0	2	5	2	1	1	0	0	0	0	0	0	11
11:00	0	0	0	0	3	5	8	0	0	0	0	0	0	0	16
12 PM	0	0	1	1	2	5	3	2	0	0	0	0	0	0	14
13:00	0	0	0	0	3	8	3	1	0	0	0	0	0	0	15
14:00	0	1	0	2	3	12	2	1	0	0	0	0	0	0	21
15:00	1	0	0	1	9	8	3	2	1	0	0	0	0	0	25
16:00	1	0	0	0	13	12	4	3	0	0	0	0	0	0	33
17:00	0	1	0	4	4	13	6	3	0	0	0	0	0	0	31
18:00	0	0	0	1	5	9	3	1	0	0	0	0	0	0	19
19:00	0	0	0	0	1	3	2	1	0	0	0	0	0	0	7
20:00	0	0	0	0	0	4	4	1	0	0	0	0	0	0	9
21:00	0	0	0	0	0	1	2	0	1	0	0	0	0	0	4
22:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
23:00	0	0	0	1	0	2	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>17</b>	<b>69</b>	<b>117</b>	<b>56</b>	<b>17</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>284</b>

Daily

15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 33-42 MPH  
 Number in Pace : 179  
 Percent in Pace : 63.0%  
 Number of Vehicles > 35 MPH : 186  
 Percent of Vehicles > 35 MPH : 65.3%



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

**SB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
10/13/1															
1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
06:00	0	0	0	1	5	5	0	0	0	0	0	0	0	0	11
07:00	0	0	1	4	5	5	7	0	0	0	0	0	0	0	22
08:00	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
09:00	0	0	0	0	5	4	4	0	0	0	0	0	0	0	13
10:00	0	0	1	1	4	6	4	1	0	0	0	0	0	0	17
11:00	1	0	0	0	3	5	4	0	0	0	0	0	0	0	13
12 PM	0	0	0	1	5	8	3	1	0	0	0	0	0	0	18
13:00	0	0	0	1	2	0	3	0	0	0	0	0	0	0	6
14:00	0	0	1	0	5	6	4	0	0	0	0	0	0	0	16
15:00	0	1	0	3	3	10	10	0	0	0	0	0	0	0	27
16:00	1	0	1	4	6	8	3	5	0	0	0	0	0	0	28
17:00	0	0	0	0	4	11	9	0	0	0	0	0	0	0	24
18:00	0	0	1	2	3	10	7	0	0	1	0	0	0	0	24
19:00	0	0	0	0	1	4	4	1	0	0	0	0	0	0	10
20:00	0	0	1	2	2	5	3	1	0	0	0	0	0	0	14
21:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
22:00	0	0	0	2	2	1	2	1	0	0	0	0	0	0	8
23:00	0	0	0	0	0	5	3	0	0	0	0	0	0	0	8
<b>Total</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>22</b>	<b>59</b>	<b>103</b>	<b>71</b>	<b>10</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275</b>

Daily  
 15th Percentile : 30 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 168  
 Percent in Pace : 61.1%  
 Number of Vehicles > 35 MPH : 178  
 Percent of Vehicles > 35 MPH : 64.9%

<b>Grand Total</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>39</b>	<b>128</b>	<b>220</b>	<b>127</b>	<b>27</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>559</b>
--------------------	----------	----------	----------	-----------	------------	------------	------------	-----------	----------	----------	----------	----------	----------	----------	------------

Overall  
 15th Percentile : 30 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 33-42 MPH  
 Number in Pace : 345  
 Percent in Pace : 61.7%  
 Number of Vehicles > 35 MPH : 364  
 Percent of Vehicles > 35 MPH : 65.1%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

**NB, SB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
10/12/1															
1	0	0	0	0	1	2	1	0	0	0	0	0	0	0	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
04:00	0	0	0	1	0	1	0	0	1	0	0	0	0	0	3
05:00	0	0	0	0	2	4	2	1	0	0	0	0	0	0	9
06:00	0	0	0	1	7	10	3	1	0	1	0	0	0	0	23
07:00	0	0	1	5	8	14	12	0	1	0	0	0	0	0	41
08:00	0	0	0	1	9	11	5	1	0	0	0	0	0	0	27
09:00	0	0	0	5	10	13	1	0	0	0	0	0	0	0	29
10:00	0	0	0	4	9	5	3	2	0	0	0	0	0	0	23
11:00	0	0	0	2	8	11	12	0	1	0	0	0	0	0	34
12 PM	0	0	1	2	7	13	5	2	0	0	0	0	0	0	30
13:00	0	0	0	3	7	15	7	1	0	0	0	0	0	0	33
14:00	1	1	2	3	14	16	5	3	0	0	0	0	0	0	45
15:00	1	0	0	2	15	16	5	4	2	0	0	0	0	0	45
16:00	1	0	0	2	21	19	7	3	0	0	0	0	0	0	53
17:00	0	2	2	5	10	27	8	3	0	0	0	0	0	0	57
18:00	0	0	2	7	12	21	3	1	0	0	0	0	0	0	46
19:00	0	0	0	1	2	7	3	1	0	0	0	0	0	0	14
20:00	0	0	0	2	1	4	5	1	0	0	0	0	0	0	13
21:00	0	0	0	0	4	5	3	0	1	0	0	0	0	0	13
22:00	0	0	0	0	3	1	0	0	0	0	0	0	0	0	4
23:00	0	0	0	1	0	4	0	0	0	0	0	0	0	0	5
<b>Total</b>	<b>3</b>	<b>3</b>	<b>8</b>	<b>47</b>	<b>151</b>	<b>220</b>	<b>90</b>	<b>24</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>553</b>

Daily

15th Percentile : 30 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 46 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 32-41 MPH  
 Number in Pace : 347  
 Percent in Pace : 62.7%  
 Number of Vehicles > 35 MPH : 330  
 Percent of Vehicles > 35 MPH : 59.7%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

**NB, SB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
10/13/1															
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3
02:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
05:00	0	0	0	0	1	3	2	0	1	0	0	0	0	0	7
06:00	0	0	1	3	11	11	3	0	0	0	0	0	0	0	29
07:00	0	0	1	6	10	10	9	0	0	0	0	0	0	0	36
08:00	0	0	0	1	6	12	1	1	0	0	0	0	0	0	21
09:00	0	0	1	2	11	9	4	0	0	0	0	0	0	0	27
10:00	0	0	1	1	13	10	5	1	0	0	0	0	0	0	31
11:00	1	0	1	1	9	9	6	1	0	0	0	0	0	0	28
12 PM	0	0	0	4	7	13	5	1	0	0	0	0	0	0	30
13:00	0	0	0	1	6	7	4	1	0	0	0	0	0	0	19
14:00	0	0	2	4	9	15	4	0	0	0	0	0	0	0	34
15:00	0	1	0	3	10	18	12	1	0	0	0	0	0	0	45
16:00	1	0	1	5	21	17	6	5	0	0	0	0	0	0	56
17:00	0	0	0	1	11	25	15	1	0	0	0	0	0	0	53
18:00	1	1	1	2	16	18	7	0	0	1	0	0	0	0	47
19:00	0	0	0	0	4	6	5	1	0	0	0	0	0	0	16
20:00	0	0	1	4	4	6	4	2	0	0	0	0	0	0	21
21:00	0	0	0	4	2	4	0	0	0	0	0	0	0	0	10
22:00	0	0	0	3	3	3	2	1	0	0	0	0	0	0	12
23:00	0	0	0	0	2	6	3	0	0	0	0	0	0	0	11
<b>Total</b>	<b>3</b>	<b>2</b>	<b>10</b>	<b>46</b>	<b>159</b>	<b>206</b>	<b>97</b>	<b>18</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>543</b>

Daily

15th Percentile : 30 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 45 MPH

Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 32-41 MPH  
 Number in Pace : 342  
 Percent in Pace : 63.0%  
 Number of Vehicles > 35 MPH : 315  
 Percent of Vehicles > 35 MPH : 58.1%

<b>Grand Total</b>	<b>6</b>	<b>5</b>	<b>18</b>	<b>93</b>	<b>310</b>	<b>426</b>	<b>187</b>	<b>42</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1096</b>
--------------------	----------	----------	-----------	-----------	------------	------------	------------	-----------	----------	----------	----------	----------	----------	----------	-------------

Overall

15th Percentile : 30 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 45 MPH

Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 32-41 MPH  
 Number in Pace : 689  
 Percent in Pace : 62.9%  
 Number of Vehicles > 35 MPH : 646  
 Percent of Vehicles > 35 MPH : 58.9%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
10/12/11	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
05:00	0	2	3	0	1	0	0	0	0	0	0	0	0	6	1
06:00	1	10	2	0	1	0	0	0	0	0	0	0	0	14	1
07:00	0	9	4	1	2	0	0	0	0	0	0	0	0	16	3
08:00	0	5	7	0	1	0	0	0	0	0	0	0	0	13	1
09:00	0	6	2	0	2	0	0	0	0	0	0	0	0	10	2
10:00	0	6	6	0	0	0	0	0	0	0	0	0	0	12	0
11:00	0	8	5	1	4	0	0	0	0	0	0	0	0	18	5
12 PM	0	11	5	0	0	0	0	0	0	0	0	0	0	16	0
13:00	0	9	7	0	2	0	0	0	0	0	0	0	0	18	2
14:00	0	15	6	1	1	0	0	1	0	0	0	0	0	24	3
15:00	0	12	4	0	2	0	0	2	0	0	0	0	0	20	4
16:00	0	11	8	0	1	0	0	0	0	0	0	0	0	20	1
17:00	0	16	8	0	2	0	0	0	0	0	0	0	0	26	2
18:00	0	23	4	0	0	0	0	0	0	0	0	0	0	27	0
19:00	0	5	1	0	1	0	0	0	0	0	0	0	0	7	1
20:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4	1
21:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9	1
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0
Total	1	164	76	3	22	0	0	3	0	0	0	0	0	269	28
Percent	0.4%	61.0%	28.3%	1.1%	8.2%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%		10.4%
AM Peak	06:00	06:00	08:00	07:00	11:00									11:00	11:00
Vol.	1	10	7	1	4									18	5
PM Peak		18:00	16:00	14:00	13:00			15:00						18:00	15:00
Vol.		23	8	1	2			2						27	4



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
10/12/11	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
05:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3	1
06:00	0	4	5	0	0	0	0	0	0	0	0	0	0	9	0
07:00	0	13	10	1	1	0	0	0	0	0	0	0	0	25	2
08:00	0	8	4	0	2	0	0	0	0	0	0	0	0	14	2
09:00	0	9	9	0	0	0	0	1	0	0	0	0	0	19	1
10:00	0	5	4	0	2	0	0	0	0	0	0	0	0	11	2
11:00	0	8	5	0	2	0	0	1	0	0	0	0	0	16	3
12 PM	0	7	5	0	2	0	0	0	0	0	0	0	0	14	2
13:00	0	6	6	0	3	0	0	0	0	0	0	0	0	15	3
14:00	0	8	9	1	3	0	0	0	0	0	0	0	0	21	4
15:00	1	10	8	0	4	0	0	2	0	0	0	0	0	25	6
16:00	0	17	15	0	1	0	0	0	0	0	0	0	0	33	1
17:00	0	19	8	0	4	0	0	0	0	0	0	0	0	31	4
18:00	0	10	7	0	2	0	0	0	0	0	0	0	0	19	2
19:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7	0
20:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9	1
21:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0
22:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3	0
Total	2	147	101	2	28	0	0	4	0	0	0	0	0	284	34
Percent	0.7%	51.8%	35.6%	0.7%	9.9%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%		12.0%
AM Peak	00:00	07:00	07:00	07:00	08:00			09:00						07:00	11:00
Vol.	1	13	10	1	2			1						25	3
PM Peak	15:00	17:00	16:00	14:00	15:00			15:00						16:00	15:00
Vol.	1	19	15	1	4			2						33	6



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #14  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Chapel St, at Kingston T/L

NB, SB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	10/12/11	1	3	0	0	0	0	0	0	0	0	0	0	0	4	0
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
	04:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
	05:00	0	4	3	0	2	0	0	0	0	0	0	0	0	9	2
	06:00	1	14	7	0	1	0	0	0	0	0	0	0	0	23	1
	07:00	0	22	14	2	3	0	0	0	0	0	0	0	0	41	5
	08:00	0	13	11	0	3	0	0	0	0	0	0	0	0	27	3
	09:00	0	15	11	0	2	0	0	1	0	0	0	0	0	29	3
	10:00	0	11	10	0	2	0	0	0	0	0	0	0	0	23	2
	11:00	0	16	10	1	6	0	0	1	0	0	0	0	0	34	8
	12 PM	0	18	10	0	2	0	0	0	0	0	0	0	0	30	2
	13:00	0	15	13	0	5	0	0	0	0	0	0	0	0	33	5
	14:00	0	23	15	2	4	0	0	1	0	0	0	0	0	45	7
	15:00	1	22	12	0	6	0	0	4	0	0	0	0	0	45	10
	16:00	0	28	23	0	2	0	0	0	0	0	0	0	0	53	2
	17:00	0	35	16	0	6	0	0	0	0	0	0	0	0	57	6
	18:00	0	33	11	0	2	0	0	0	0	0	0	0	0	46	2
	19:00	0	11	2	0	1	0	0	0	0	0	0	0	0	14	1
	20:00	0	8	3	0	2	0	0	0	0	0	0	0	0	13	2
	21:00	0	10	2	0	1	0	0	0	0	0	0	0	0	13	1
	22:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4	0
	23:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5	0
	Total	3	311	177	5	50	0	0	7	0	0	0	0	0	553	62
	Percent	0.5%	56.2%	32.0%	0.9%	9.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%		11.2%
	AM Peak	00:00	07:00	07:00	07:00	11:00			09:00						07:00	11:00
	Vol.	1	22	14	2	6			1						41	8
	PM Peak	15:00	17:00	16:00	14:00	15:00			15:00						17:00	15:00
	Vol.	1	35	23	2	6			4						57	10







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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

Start Time	10-Oct-11		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB
12:00 AM	*	*	*	*	1	2	4	2	*	*	*	*	*	*	2	2
01:00	*	*	*	*	3	3	2	0	*	*	*	*	*	*	2	2
02:00	*	*	*	*	1	0	3	1	*	*	*	*	*	*	2	0
03:00	*	*	*	*	3	3	0	2	*	*	*	*	*	*	2	2
04:00	*	*	*	*	0	8	4	7	*	*	*	*	*	*	2	8
05:00	*	*	*	*	9	32	13	22	*	*	*	*	*	*	11	27
06:00	*	*	*	*	48	47	40	38	*	*	*	*	*	*	44	42
07:00	*	*	*	*	<b>88</b>	<b>80</b>	<b>80</b>	<b>92</b>	*	*	*	*	*	*	<b>84</b>	<b>86</b>
08:00	*	*	*	*	47	78	65	75	*	*	*	*	*	*	56	76
09:00	*	*	*	*	39	60	44	36	*	*	*	*	*	*	42	48
10:00	*	*	*	*	44	41	32	52	*	*	*	*	*	*	38	46
11:00	*	*	*	*	46	59	37	55	*	*	*	*	*	*	42	57
12:00 PM	*	*	*	*	47	49	49	53	*	*	*	*	*	*	48	51
01:00	*	*	*	*	53	47	49	44	*	*	*	*	*	*	51	46
02:00	*	*	*	*	70	56	59	71	*	*	*	*	*	*	64	64
03:00	*	*	*	*	90	66	<b>85</b>	<b>77</b>	*	*	*	*	*	*	<b>88</b>	72
04:00	*	*	*	*	82	79	80	63	*	*	*	*	*	*	81	71
05:00	*	*	*	*	<b>91</b>	<b>85</b>	84	73	*	*	*	*	*	*	88	<b>79</b>
06:00	*	*	*	*	66	79	69	69	*	*	*	*	*	*	68	74
07:00	*	*	*	*	47	41	49	29	*	*	*	*	*	*	48	35
08:00	*	*	*	*	46	29	40	32	*	*	*	*	*	*	43	30
09:00	*	*	*	*	26	17	41	23	*	*	*	*	*	*	34	20
10:00	*	*	*	*	15	15	13	17	*	*	*	*	*	*	14	16
11:00	*	*	*	*	6	3	15	3	*	*	*	*	*	*	10	3
Total	0	0	0	0	968	979	957	936	0	0	0	0	0	0	964	957
Day	0	0	0	0	1947		1893		0	0	0	0	0	0	1921	
AM Peak					07:00	07:00	07:00	07:00							07:00	07:00
Vol.					88	80	80	92							84	86
PM Peak					17:00	17:00	15:00	15:00							15:00	17:00
Vol.					91	85	85	77							88	79

Comb. Total                    0                    0                    1947                    1893                    0                    0                    0                    1921

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

Start Time	12-Oct-11		WB		EB		Combined		13-Oct-		WB		EB		Combined	
	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Thu		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			0	16	1	10	1	26			2	12	0	12	2	24
12:15			1	9	0	11	1	20			0	11	1	14	1	25
12:30			0	10	0	12	0	22			0	11	0	12	0	23
12:45			0	12	1	16	1	28			2	15	1	15	3	30
01:00			2	8	1	13	3	21			1	14	0	8	1	22
01:15			0	17	1	13	1	30			0	7	0	11	0	18
01:30			0	19	1	9	1	28			1	13	0	15	1	28
01:45			1	9	0	12	1	21			0	15	0	10	0	25
02:00			0	15	0	14	0	29			0	14	0	8	0	22
02:15			0	18	0	13	0	31			0	16	0	18	0	34
02:30			1	23	0	17	1	40			1	10	0	21	1	31
02:45			0	14	0	12	0	26			2	19	1	24	3	43
03:00			0	21	0	10	0	31			0	25	0	15	0	40
03:15			1	23	0	24	1	47			0	18	0	16	0	34
03:30			0	28	2	21	2	49			0	21	1	28	1	49
03:45			2	18	1	11	3	29			0	21	1	18	1	39
04:00			0	18	1	16	1	34			2	19	2	18	4	37
04:15			0	23	0	21	0	44			1	13	0	14	1	27
04:30			0	27	2	28	2	55			1	24	2	16	3	40
04:45			0	14	5	14	5	28			0	24	3	15	3	39
05:00			1	26	6	16	7	42			2	20	5	19	7	39
05:15			3	20	8	28	11	48			1	27	4	23	5	50
05:30			2	30	10	25	12	55			5	22	8	13	13	35
05:45			3	15	8	16	11	31			5	15	5	18	10	33
06:00			9	18	6	30	15	48			6	22	7	25	13	47
06:15			6	21	12	16	18	37			8	16	7	13	15	29
06:30			11	12	18	22	29	34			12	11	12	20	24	31
06:45			22	15	11	11	33	26			14	20	12	11	26	31
07:00			30	10	10	6	40	16			29	9	17	10	46	19
07:15			17	8	30	14	47	22			22	18	26	7	48	25
07:30			25	17	20	9	45	26			16	15	24	5	40	20
07:45			16	12	20	12	36	24			13	7	25	7	38	14
08:00			11	16	19	3	30	19			24	13	23	10	47	23
08:15			16	9	20	4	36	13			14	9	20	8	34	17
08:30			11	8	25	14	36	22			15	10	17	10	32	20
08:45			9	13	14	8	23	21			12	8	15	4	27	12
09:00			10	9	11	5	21	14			11	12	5	9	16	21
09:15			8	5	19	7	27	12			17	10	15	10	32	20
09:30			11	9	14	3	25	12			4	10	8	1	12	11
09:45			10	3	16	2	26	5			12	9	8	3	20	12
10:00			9	6	12	3	21	9			11	3	14	5	25	8
10:15			12	5	6	5	18	10			6	7	8	4	14	11
10:30			13	0	15	2	28	2			6	2	18	7	24	9
10:45			10	4	8	5	18	9			9	1	12	1	21	2
11:00			12	1	11	0	23	1			9	5	17	1	26	6
11:15			12	3	13	2	25	5			8	7	13	0	21	7
11:30			11	2	15	0	26	2			9	2	12	0	21	2
11:45			11	0	20	1	31	1			11	1	13	2	24	3
<b>Total</b>			<b>329</b>	<b>639</b>	<b>413</b>	<b>566</b>	<b>742</b>	<b>1205</b>			<b>324</b>	<b>633</b>	<b>382</b>	<b>554</b>	<b>706</b>	<b>1187</b>
<b>Day Total</b>			<b>968</b>		<b>979</b>		<b>1947</b>				<b>957</b>		<b>936</b>		<b>1893</b>	
<b>% Total</b>			<b>16.9%</b>	<b>32.8%</b>	<b>21.2%</b>	<b>29.1%</b>					<b>17.1%</b>	<b>33.4%</b>	<b>20.2%</b>	<b>29.3%</b>		
<b>Peak</b>			<b>06:45</b>	<b>05:00</b>	<b>07:15</b>	<b>05:15</b>	<b>07:00</b>	<b>05:15</b>			<b>06:45</b>	<b>04:30</b>	<b>07:15</b>	<b>02:45</b>	<b>07:15</b>	<b>04:30</b>
<b>Vol.</b>			<b>94</b>	<b>91</b>	<b>89</b>	<b>99</b>	<b>168</b>	<b>182</b>			<b>81</b>	<b>95</b>	<b>98</b>	<b>83</b>	<b>173</b>	<b>168</b>
<b>P.H.F.</b>			<b>0.783</b>	<b>0.758</b>	<b>0.742</b>	<b>0.825</b>	<b>0.894</b>	<b>0.827</b>			<b>0.698</b>	<b>0.880</b>	<b>0.942</b>	<b>0.741</b>	<b>0.901</b>	<b>0.840</b>

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

Start Time	10-Oct-11 Mon	11-Oct-11 Tue	12-Oct-11 Wed	13-Oct-11 Thu	14-Oct-11 Fri	15-Oct-11 Sat	16-Oct-11 Sun	Week Average
12:00 AM	*	*	3	6	*	*	*	4
01:00	*	*	6	2	*	*	*	4
02:00	*	*	1	4	*	*	*	2
03:00	*	*	6	2	*	*	*	4
04:00	*	*	8	11	*	*	*	10
05:00	*	*	41	35	*	*	*	38
06:00	*	*	95	78	*	*	*	86
07:00	*	*	<b>168</b>	<b>172</b>	*	*	*	<b>170</b>
08:00	*	*	125	140	*	*	*	132
09:00	*	*	99	80	*	*	*	90
10:00	*	*	85	84	*	*	*	84
11:00	*	*	105	92	*	*	*	98
12:00 PM	*	*	96	102	*	*	*	99
01:00	*	*	100	93	*	*	*	96
02:00	*	*	126	130	*	*	*	128
03:00	*	*	156	<b>162</b>	*	*	*	159
04:00	*	*	161	143	*	*	*	152
05:00	*	*	<b>176</b>	157	*	*	*	<b>166</b>
06:00	*	*	145	138	*	*	*	142
07:00	*	*	88	78	*	*	*	83
08:00	*	*	75	72	*	*	*	74
09:00	*	*	43	64	*	*	*	54
10:00	*	*	30	30	*	*	*	30
11:00	*	*	9	18	*	*	*	14
Total	0	0	1947	1893	0	0	0	1919
Percentage	0.0%	0.0%	101.5%	98.6%	0.0%	0.0%	0.0%	
AM Peak			07:00	07:00				07:00
Vol.			168	172				170
PM Peak			17:00	15:00				17:00
Vol.			176	162				166

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

WB	Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	76	
10/12/1																
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	1	2	4	2	0	0	0	0	0	0	0	0	9
06:00	0	0	0	3	17	23	5	0	0	0	0	0	0	0	0	48
07:00	1	1	2	1	30	40	12	1	0	0	0	0	0	0	0	88
08:00	0	0	2	2	15	20	7	1	0	0	0	0	0	0	0	47
09:00	2	0	0	2	10	17	8	0	0	0	0	0	0	0	0	39
10:00	0	1	1	4	18	13	6	0	1	0	0	0	0	0	0	44
11:00	1	1	1	3	17	14	6	3	0	0	0	0	0	0	0	46
12 PM	0	0	1	5	13	17	10	1	0	0	0	0	0	0	0	47
13:00	0	1	2	3	10	24	12	1	0	0	0	0	0	0	0	53
14:00	2	1	0	9	26	24	8	0	0	0	0	0	0	0	0	70
15:00	1	0	1	5	32	35	15	1	0	0	0	0	0	0	0	90
16:00	1	0	0	0	29	39	12	1	0	0	0	0	0	0	0	82
17:00	0	1	2	5	26	41	15	1	0	0	0	0	0	0	0	91
18:00	0	0	0	6	27	23	8	1	1	0	0	0	0	0	0	66
19:00	0	0	1	3	21	11	8	3	0	0	0	0	0	0	0	47
20:00	0	0	0	7	15	17	6	1	0	0	0	0	0	0	0	46
21:00	0	0	0	1	7	16	2	0	0	0	0	0	0	0	0	26
22:00	0	0	0	1	8	5	1	0	0	0	0	0	0	0	0	15
23:00	0	0	0	1	1	4	0	0	0	0	0	0	0	0	0	6
Total	8	6	13	62	325	391	146	15	2	0	0	0	0	0	0	968

Daily

15th Percentile : 30 MPH  
 50th Percentile : 35 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 44 MPH

Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 32-41 MPH  
 Number in Pace : 654  
 Percent in Pace : 67.6%  
 Number of Vehicles > 35 MPH : 541  
 Percent of Vehicles > 35 MPH : 55.9%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

WB	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	
10/13/1															
1	0	0	0	0	2	1	0	0	1	0	0	0	0	0	4
01:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	1	1	1	0	0	0	0	0	0	0	4
05:00	0	0	0	1	4	5	3	0	0	0	0	0	0	0	13
06:00	0	0	0	6	14	15	5	0	0	0	0	0	0	0	40
07:00	2	1	3	7	36	25	6	0	0	0	0	0	0	0	80
08:00	2	1	5	9	25	20	2	1	0	0	0	0	0	0	65
09:00	5	0	1	6	13	16	3	0	0	0	0	0	0	0	44
10:00	0	0	1	3	16	9	3	0	0	0	0	0	0	0	32
11:00	0	1	1	1	17	12	5	0	0	0	0	0	0	0	37
12 PM	1	0	0	2	18	23	5	0	0	0	0	0	0	0	49
13:00	1	2	1	7	18	14	5	0	1	0	0	0	0	0	49
14:00	0	1	1	5	18	27	7	0	0	0	0	0	0	0	59
15:00	1	1	6	8	27	34	8	0	0	0	0	0	0	0	85
16:00	1	0	0	6	24	31	17	1	0	0	0	0	0	0	80
17:00	0	0	3	8	26	39	7	1	0	0	0	0	0	0	84
18:00	0	0	1	6	34	25	3	0	0	0	0	0	0	0	69
19:00	1	0	2	7	13	16	9	1	0	0	0	0	0	0	49
20:00	0	1	0	2	13	18	5	1	0	0	0	0	0	0	40
21:00	1	1	0	5	14	14	3	2	1	0	0	0	0	0	41
22:00	0	0	0	2	6	3	2	0	0	0	0	0	0	0	13
23:00	0	0	0	0	4	6	5	0	0	0	0	0	0	0	15
Total	15	10	25	91	346	355	105	7	3	0	0	0	0	0	957

Daily  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 629  
 Percent in Pace : 65.7%  
 Number of Vehicles > 35 MPH : 461  
 Percent of Vehicles > 35 MPH : 48.1%

Grand Total	23	16	38	153	671	746	251	22	5	0	0	0	0	0	1925
-------------	----	----	----	-----	-----	-----	-----	----	---	---	---	---	---	---	------

Overall  
 15th Percentile : 29 MPH  
 50th Percentile : 35 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 43 MPH  
 Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 1278  
 Percent in Pace : 66.4%  
 Number of Vehicles > 35 MPH : 1001  
 Percent of Vehicles > 35 MPH : 52.0%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

**EB**

Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total
10/12/1																												
1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
04:00	1	0	0	1	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
05:00	0	0	0	1	0	14	12	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	
06:00	0	0	0	0	9	25	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	
07:00	0	2	0	3	8	36	29	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	
08:00	0	3	0	1	14	32	25	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	
09:00	1	0	0	3	9	27	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	
10:00	3	0	2	2	9	19	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	
11:00	0	1	0	4	11	24	17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	
12 PM	0	0	1	1	5	20	15	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	
13:00	3	0	3	2	7	20	8	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	
14:00	2	2	0	4	7	18	19	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	
15:00	1	0	0	5	12	28	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	
16:00	1	0	0	0	22	34	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	
17:00	1	1	0	0	19	38	20	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	
18:00	0	1	3	0	15	31	27	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	
19:00	0	0	0	1	3	15	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	
20:00	1	0	0	2	8	14	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	
21:00	0	1	0	0	2	9	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
22:00	0	0	0	0	5	5	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
23:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Total	14	11	9	30	168	413	276	49	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	979	

Daily

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

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 638  
 Percent in Pace : 65.2%  
 Number of Vehicles > 35 MPH : 706  
 Percent of Vehicles > 35 MPH : 72.1%



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

**EB**

Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total
10/13/1																												
1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00	1	1	0	1	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
05:00	0	0	0	1	2	2	6	7	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
06:00	0	0	0	2	5	15	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
07:00	1	3	1	4	25	44	13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92
08:00	2	2	2	11	22	25	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75
09:00	1	0	3	1	7	16	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
10:00	2	1	1	1	13	23	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
11:00	3	0	1	1	8	19	16	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55
12 PM	0	0	0	2	9	23	13	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53
13:00	2	2	0	3	9	8	17	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
14:00	0	2	1	2	15	23	19	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
15:00	1	0	2	3	8	31	26	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
16:00	2	0	0	0	6	33	18	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63
17:00	0	1	0	0	12	31	20	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73
18:00	0	0	1	1	18	29	16	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69
19:00	1	0	0	3	4	7	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
20:00	0	0	1	1	8	13	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
21:00	0	0	0	1	7	9	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
22:00	0	0	0	1	3	7	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
23:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	16	12	14	39	183	367	232	58	11	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	936

Daily  
 15th Percentile : 30 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 47 MPH  
  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 568  
 Percent in Pace : 60.7%  
 Number of Vehicles > 35 MPH : 637  
 Percent of Vehicles > 35 MPH : 68.1%

Grand Total	30	23	23	69	351	780	508	107	17	6	0	1	0	0	0	1915
-------------	----	----	----	----	-----	-----	-----	-----	----	---	---	---	---	---	---	------

Overall  
 15th Percentile : 31 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 46 MPH  
  
 Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 34-43 MPH  
 Number in Pace : 1203  
 Percent in Pace : 62.8%  
 Number of Vehicles > 35 MPH : 1343  
 Percent of Vehicles > 35 MPH : 70.1%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

**WB, EB**

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
10/12/1															
1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
01:00	0	0	0	0	2	3	1	0	0	0	0	0	0	0	6
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
03:00	0	0	0	0	1	2	3	0	0	0	0	0	0	0	6
04:00	1	0	0	1	1	0	4	1	0	0	0	0	0	0	8
05:00	0	0	0	2	2	18	14	3	1	1	0	0	0	0	41
06:00	0	0	0	3	26	48	13	5	0	0	0	0	0	0	95
07:00	1	3	2	4	38	76	41	3	0	0	0	0	0	0	168
08:00	0	3	2	3	29	52	32	3	1	0	0	0	0	0	125
09:00	3	0	0	5	19	44	25	3	0	0	0	0	0	0	99
10:00	3	1	3	6	27	32	11	1	1	0	0	0	0	0	85
11:00	1	2	1	7	28	38	23	5	0	0	0	0	0	0	105
12 PM	0	0	2	6	18	37	25	6	1	1	0	0	0	0	96
13:00	3	1	5	5	17	44	20	3	1	1	0	0	0	0	100
14:00	4	3	0	13	33	42	27	4	0	0	0	0	0	0	126
15:00	2	0	1	10	44	63	31	5	0	0	0	0	0	0	156
16:00	2	0	0	0	51	73	30	5	0	0	0	0	0	0	161
17:00	1	2	2	5	45	79	35	6	1	0	0	0	0	0	176
18:00	0	1	3	6	42	54	35	3	1	0	0	0	0	0	145
19:00	0	0	1	4	24	26	29	4	0	0	0	0	0	0	88
20:00	1	0	0	9	23	31	9	2	0	0	0	0	0	0	75
21:00	0	1	0	1	9	25	6	1	0	0	0	0	0	0	43
22:00	0	0	0	1	13	10	4	1	1	0	0	0	0	0	30
23:00	0	0	0	1	1	6	1	0	0	0	0	0	0	0	9
<b>Total</b>	<b>22</b>	<b>17</b>	<b>22</b>	<b>92</b>	<b>493</b>	<b>804</b>	<b>422</b>	<b>64</b>	<b>8</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1947</b>

Daily

15th Percentile : 31 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH

Mean Speed(Average) : 37 MPH  
 10 MPH Pace Speed : 33-42 MPH  
 Number in Pace : 1252  
 Percent in Pace : 64.3%  
 Number of Vehicles > 35 MPH : 1247  
 Percent of Vehicles > 35 MPH : 64.0%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

**WB, EB**

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
10/13/1															
1	0	0	0	0	2	2	1	0	1	0	0	0	0	0	6
01:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
03:00	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2
04:00	1	2	0	1	1	3	3	0	0	0	0	0	0	0	11
05:00	0	0	0	2	6	11	10	4	1	1	0	0	0	0	35
06:00	0	0	0	8	19	30	18	3	0	0	0	0	0	0	78
07:00	3	4	4	11	61	69	19	0	1	0	0	0	0	0	172
08:00	4	3	7	20	47	45	10	4	0	0	0	0	0	0	140
09:00	6	0	4	7	20	32	10	1	0	0	0	0	0	0	80
10:00	2	1	2	4	29	32	13	1	0	0	0	0	0	0	84
11:00	3	1	2	2	25	31	21	6	1	0	0	0	0	0	92
12 PM	1	0	0	4	27	46	18	6	0	0	0	0	0	0	102
13:00	3	4	1	10	27	22	22	2	1	1	0	0	0	0	93
14:00	0	3	2	7	33	50	26	9	0	0	0	0	0	0	130
15:00	2	1	8	11	35	65	34	5	1	0	0	0	0	0	162
16:00	3	0	0	6	30	64	35	4	1	0	0	0	0	0	143
17:00	0	1	3	8	38	70	27	8	2	0	0	0	0	0	157
18:00	0	0	2	7	52	54	19	2	2	0	0	0	0	0	138
19:00	2	0	2	10	17	23	20	3	1	0	0	0	0	0	78
20:00	0	1	1	3	21	31	12	2	0	0	0	1	0	0	72
21:00	1	1	0	6	21	23	6	5	1	0	0	0	0	0	64
22:00	0	0	0	3	9	10	6	0	1	1	0	0	0	0	30
23:00	0	0	0	0	5	8	5	0	0	0	0	0	0	0	18
<b>Total</b>	<b>31</b>	<b>22</b>	<b>39</b>	<b>130</b>	<b>529</b>	<b>722</b>	<b>337</b>	<b>65</b>	<b>14</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1893</b>

Daily  
 15th Percentile : 29 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 41 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 32-41 MPH  
 Number in Pace : 1159  
 Percent in Pace : 61.2%  
 Number of Vehicles > 35 MPH : 1098  
 Percent of Vehicles > 35 MPH : 58.0%

<b>Grand Total</b>	<b>53</b>	<b>39</b>	<b>61</b>	<b>222</b>	<b>1022</b>	<b>1526</b>	<b>759</b>	<b>129</b>	<b>22</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3840</b>
--------------------	-----------	-----------	-----------	------------	-------------	-------------	------------	------------	-----------	----------	----------	----------	----------	----------	-------------

Overall  
 15th Percentile : 30 MPH  
 50th Percentile : 36 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH  
  
 Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 33-42 MPH  
 Number in Pace : 2404  
 Percent in Pace : 62.6%  
 Number of Vehicles > 35 MPH : 2345  
 Percent of Vehicles > 35 MPH : 61.1%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

WB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	10/12/11	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
	01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
	02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
	03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3	0
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9	0
	06:00	0	37	9	0	2	0	0	0	0	0	0	0	0	48	2
	07:00	0	69	13	0	5	1	0	0	0	0	0	0	0	88	6
	08:00	0	34	10	0	2	0	0	0	0	1	0	0	0	47	3
	09:00	1	26	6	0	4	0	0	1	0	0	0	0	0	38	5
	10:00	0	31	10	0	2	1	0	0	0	0	0	0	0	44	3
	11:00	0	34	10	0	2	0	0	0	0	0	0	0	0	46	2
	12 PM	0	28	15	0	3	0	0	1	0	0	0	0	0	47	4
	13:00	1	41	11	0	0	0	0	0	0	0	0	0	0	53	0
	14:00	0	45	15	1	8	0	0	1	0	0	0	0	0	70	10
	15:00	0	56	31	0	3	0	0	0	0	0	0	0	0	90	3
	16:00	0	57	23	0	2	0	0	0	0	0	0	0	0	82	2
	17:00	0	67	22	0	2	0	0	0	0	0	0	0	0	91	2
	18:00	1	45	17	0	3	0	0	0	0	0	0	0	0	66	3
	19:00	0	38	8	0	1	0	0	0	0	0	0	0	0	47	1
	20:00	0	34	11	0	1	0	0	0	0	0	0	0	0	46	1
	21:00	0	20	5	0	1	0	0	0	0	0	0	0	0	26	1
	22:00	0	12	3	0	0	0	0	0	0	0	0	0	0	15	0
	23:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6	1
	Total	3	693	222	1	42	2	0	3	0	1	0	0	0	967	49
	Percent	0.3%	71.7%	23.0%	0.1%	4.3%	0.2%	0.0%	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%		5.1%
	AM Peak	09:00	07:00	07:00		07:00	07:00		09:00		08:00				07:00	07:00
	Vol.	1	69	13		5	1		1		1				88	6
	PM Peak	13:00	17:00	15:00	14:00	14:00			12:00						17:00	14:00
	Vol.	1	67	31	1	8			1						91	10

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

WB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	10/13/11	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0
	01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
	02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3	0
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4	1
	05:00	0	10	3	0	0	0	0	0	0	0	0	0	0	13	0
	06:00	0	31	8	0	1	0	0	0	0	0	0	0	0	40	1
	07:00	0	64	10	0	6	0	0	0	0	0	0	0	0	80	6
	08:00	0	51	10	0	2	1	0	1	0	0	0	0	0	65	4
	09:00	2	20	14	1	5	2	0	0	0	0	0	0	0	44	8
	10:00	0	24	4	0	3	1	0	0	0	0	0	0	0	32	4
	11:00	0	30	6	1	0	0	0	0	0	0	0	0	0	37	1
	12 PM	0	32	13	0	1	1	1	1	0	0	0	0	0	49	4
	13:00	0	32	7	1	4	3	1	1	0	0	0	0	0	49	10
	14:00	0	42	15	1	1	0	0	0	0	0	0	0	0	59	2
	15:00	0	55	24	1	4	0	1	0	0	0	0	0	0	85	6
	16:00	0	58	20	0	2	0	0	0	0	0	0	0	0	80	2
	17:00	0	56	26	1	1	0	0	0	0	0	0	0	0	84	2
	18:00	0	54	15	0	0	0	0	0	0	0	0	0	0	69	0
	19:00	0	39	8	1	1	0	0	0	0	0	0	0	0	49	2
	20:00	0	30	10	0	0	0	0	0	0	0	0	0	0	40	0
	21:00	0	33	8	0	0	0	0	0	0	0	0	0	0	41	0
	22:00	0	10	3	0	0	0	0	0	0	0	0	0	0	13	0
	23:00	0	13	2	0	0	0	0	0	0	0	0	0	0	15	0
	Total	2	694	208	7	32	8	3	3	0	0	0	0	0	957	53
	Percent	0.2%	72.5%	21.7%	0.7%	3.3%	0.8%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%		5.5%
	AM Peak	09:00	07:00	09:00	09:00	07:00	09:00		08:00						07:00	09:00
	Vol.	2	64	14	1	6	2		1						80	8
	PM Peak		16:00	17:00	13:00	13:00	13:00	12:00	12:00						15:00	13:00
	Vol.		58	26	1	4	3	1	1						85	10
	Grand Total	5	1387	430	8	74	10	3	6	0	1	0	0	0	1924	102
	Percent	0.3%	72.1%	22.3%	0.4%	3.8%	0.5%	0.2%	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%		5.3%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
10/12/11	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0
01:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3	0
04:00	1	1	3	0	3	0	0	0	0	0	0	0	0	8	3
05:00	0	18	8	0	4	0	0	1	1	0	0	0	0	32	6
06:00	0	28	12	2	5	0	0	0	0	0	0	0	0	47	7
07:00	0	51	23	0	6	0	0	0	0	0	0	0	0	80	6
08:00	0	51	22	1	4	0	0	0	0	0	0	0	0	78	5
09:00	0	41	15	1	3	0	0	0	0	0	0	0	0	60	4
10:00	0	31	6	1	2	0	0	0	1	0	0	0	0	41	4
11:00	0	42	13	0	3	1	0	0	0	0	0	0	0	59	4
12 PM	0	29	16	0	4	0	0	0	0	0	0	0	0	49	4
13:00	0	34	9	0	3	0	0	1	0	0	0	0	0	47	4
14:00	0	36	11	2	6	0	0	1	0	0	0	0	0	56	9
15:00	0	42	16	1	5	0	0	2	0	0	0	0	0	66	8
16:00	0	46	30	0	3	0	0	0	0	0	0	0	0	79	3
17:00	0	53	23	0	8	0	0	1	0	0	0	0	0	85	9
18:00	1	57	19	0	2	0	0	0	0	0	0	0	0	79	2
19:00	0	32	8	0	1	0	0	0	0	0	0	0	0	41	1
20:00	0	21	8	0	0	0	0	0	0	0	0	0	0	29	0
21:00	0	17	0	0	0	0	0	0	0	0	0	0	0	17	0
22:00	0	9	6	0	0	0	0	0	0	0	0	0	0	15	0
23:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
Total	2	644	254	8	62	1	0	6	2	0	0	0	0	979	79
Percent	0.2%	65.8%	25.9%	0.8%	6.3%	0.1%	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%		8.1%
AM Peak	04:00	07:00	07:00	06:00	07:00	11:00		05:00	05:00					07:00	06:00
Vol.	1	51	23	2	6	1		1	1					80	7
PM Peak	18:00	18:00	16:00	14:00	17:00			15:00						17:00	14:00
Vol.	1	57	30	2	8			2						85	9

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
10/13/11	0	1	0	0	1	0	0	0	0	0	0	0	0	2	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1
03:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0
04:00	0	2	1	0	4	0	0	0	0	0	0	0	0	7	4
05:00	0	9	9	0	4	0	0	0	0	0	0	0	0	22	4
06:00	0	24	12	2	0	0	0	0	0	0	0	0	0	38	2
07:00	0	58	24	0	10	0	0	0	0	0	0	0	0	92	10
08:00	1	45	24	1	3	1	0	0	0	0	0	0	0	75	5
09:00	0	17	15	1	1	2	0	0	0	0	0	0	0	36	4
10:00	0	37	10	1	2	1	0	0	0	0	0	0	0	51	4
11:00	0	33	16	0	5	1	0	0	0	0	0	0	0	55	6
12 PM	0	34	13	0	3	1	1	1	0	0	0	0	0	53	6
13:00	0	27	13	0	4	0	0	0	0	0	0	0	0	44	4
14:00	0	41	18	3	5	2	1	1	0	0	0	0	0	71	12
15:00	0	47	18	2	7	1	1	1	0	0	0	0	0	77	12
16:00	0	39	18	0	6	0	0	0	0	0	0	0	0	63	6
17:00	0	52	17	0	4	0	0	0	0	0	0	0	0	73	4
18:00	0	44	17	0	8	0	0	0	0	0	0	0	0	69	8
19:00	0	20	8	0	1	0	0	0	0	0	0	0	0	29	1
20:00	0	20	9	0	3	0	0	0	0	0	0	0	0	32	3
21:00	0	19	4	0	0	0	0	0	0	0	0	0	0	23	0
22:00	0	14	2	0	1	0	0	0	0	0	0	0	0	17	1
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3	0
Total	1	585	251	10	73	9	3	3	0	0	0	0	0	935	98
Percent	0.1%	62.6%	26.8%	1.1%	7.8%	1.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%		10.5%
AM Peak	08:00	07:00	07:00	06:00	07:00	09:00								07:00	07:00
Vol.	1	58	24	2	10	2								92	10
PM Peak		17:00	14:00	14:00	18:00	14:00	12:00	12:00						15:00	14:00
Vol.		52	18	3	8	2	1	1						77	12
Grand Total	3	1229	505	18	135	10	3	9	2	0	0	0	0	1914	177
Percent	0.2%	64.2%	26.4%	0.9%	7.1%	0.5%	0.2%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%		9.2%





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

Community: Pembroke  
 Com#\_UR/FC: 231\_U5  
 Recorder #: Jamar #12  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 12-Oct-11  
 Date End: 13-Oct-11  
 Valley St, at Duxbury T/L

WB, EB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	10/13/11	0	5	0	0	1	0	0	0	0	0	0	0	0	6	1
	01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
	02:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4	1
	03:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0
	04:00	0	4	2	0	5	0	0	0	0	0	0	0	0	11	5
	05:00	0	19	12	0	4	0	0	0	0	0	0	0	0	35	4
	06:00	0	55	20	2	1	0	0	0	0	0	0	0	0	78	3
	07:00	0	122	34	0	16	0	0	0	0	0	0	0	0	172	16
	08:00	1	96	34	1	5	2	0	1	0	0	0	0	0	140	9
	09:00	2	37	29	2	6	4	0	0	0	0	0	0	0	80	12
	10:00	0	61	14	1	5	2	0	0	0	0	0	0	0	83	8
	11:00	0	63	22	1	5	1	0	0	0	0	0	0	0	92	7
	12 PM	0	66	26	0	4	2	2	2	0	0	0	0	0	102	10
	13:00	0	59	20	1	8	3	1	1	0	0	0	0	0	93	14
	14:00	0	83	33	4	6	2	1	1	0	0	0	0	0	130	14
	15:00	0	102	42	3	11	1	2	1	0	0	0	0	0	162	18
	16:00	0	97	38	0	8	0	0	0	0	0	0	0	0	143	8
	17:00	0	108	43	1	5	0	0	0	0	0	0	0	0	157	6
	18:00	0	98	32	0	8	0	0	0	0	0	0	0	0	138	8
	19:00	0	59	16	1	2	0	0	0	0	0	0	0	0	78	3
	20:00	0	50	19	0	3	0	0	0	0	0	0	0	0	72	3
	21:00	0	52	12	0	0	0	0	0	0	0	0	0	0	64	0
	22:00	0	24	5	0	1	0	0	0	0	0	0	0	0	30	1
	23:00	0	15	3	0	0	0	0	0	0	0	0	0	0	18	0
	Total	3	1279	459	17	105	17	6	6	0	0	0	0	0	1892	151
	Percent	0.2%	67.6%	24.3%	0.9%	5.5%	0.9%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%		8.0%
	AM Peak	09:00	07:00	07:00	06:00	07:00	09:00		08:00						07:00	07:00
	Vol.	2	122	34	2	16	4		1						172	16
	PM Peak		17:00	17:00	14:00	15:00	13:00	12:00	12:00						15:00	15:00
	Vol.		108	43	4	11	3	2	2						162	18
	Grand Total	8	2616	935	26	209	20	6	15	2	1	0	0	0	3838	279
	Percent	0.2%	68.2%	24.4%	0.7%	5.4%	0.5%	0.2%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%		7.3%



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

Start Time	17-Oct-11		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	*	*	3	1	0	5	*	*	*	*	*	*	*	*	2	3
01:00	*	*	1	3	1	2	*	*	*	*	*	*	*	*	1	2
02:00	*	*	0	1	1	2	*	*	*	*	*	*	*	*	0	2
03:00	*	*	2	0	2	0	*	*	*	*	*	*	*	*	2	0
04:00	*	*	2	2	1	3	*	*	*	*	*	*	*	*	2	2
05:00	*	*	5	15	7	19	*	*	*	*	*	*	*	*	6	17
06:00	*	*	23	51	27	47	*	*	*	*	*	*	*	*	25	49
07:00	*	*	75	110	75	113	*	*	*	*	*	*	*	*	75	112
08:00	*	*	53	57	49	54	*	*	*	*	*	*	*	*	51	56
09:00	*	*	28	27	35	37	*	*	*	*	*	*	*	*	32	32
10:00	*	*	35	36	18	38	*	*	*	*	*	*	*	*	26	37
11:00	*	*	39	35	32	33	*	*	*	*	*	*	*	*	36	34
12:00 PM	*	*	46	32	40	40	*	*	*	*	*	*	*	*	43	36
01:00	*	*	27	38	35	40	*	*	*	*	*	*	*	*	31	39
02:00	*	*	62	56	54	41	*	*	*	*	*	*	*	*	58	48
03:00	*	*	61	74	45	60	*	*	*	*	*	*	*	*	53	67
04:00	*	*	69	55	59	60	*	*	*	*	*	*	*	*	64	58
05:00	*	*	62	73	78	54	*	*	*	*	*	*	*	*	70	64
06:00	*	*	70	45	63	38	*	*	*	*	*	*	*	*	66	42
07:00	*	*	25	31	37	31	*	*	*	*	*	*	*	*	31	31
08:00	*	*	25	25	25	26	*	*	*	*	*	*	*	*	25	26
09:00	*	*	15	17	18	15	*	*	*	*	*	*	*	*	16	16
10:00	*	*	7	10	7	9	*	*	*	*	*	*	*	*	7	10
11:00	*	*	5	7	3	2	*	*	*	*	*	*	*	*	4	4
Total	0	0	740	801	712	769	0	0	0	0	0	0	0	0	726	787
Day	0	0	1541		1481		0	0	0	0	0	0	0	0	1513	
AM Peak			07:00	07:00	07:00	07:00									07:00	07:00
Vol.			75	110	75	113									75	112
PM Peak			18:00	15:00	17:00	15:00									17:00	15:00
Vol.			70	74	78	60									70	67

Comb. Total                    0                    1541                    1481                    0                    0                    0                    0                    1513

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

Start Time	18-Oct-11		EB		WB		Combined		19-Oct- Wed	EB		WB		Combined	
	Tue		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			2	13	0	5	2	18		0	12	1	14	1	26
12:15			0	10	1	6	1	16		0	8	0	10	0	18
12:30			1	14	0	9	1	23		0	5	1	5	1	10
12:45			0	9	0	12	0	21		0	15	3	11	3	26
01:00			0	5	2	7	2	12		0	7	1	11	1	18
01:15			1	6	1	11	2	17		1	7	0	7	1	14
01:30			0	7	0	11	0	18		0	7	0	12	0	19
01:45			0	9	0	9	0	18		0	14	1	10	1	24
02:00			0	14	0	18	0	32		1	9	1	10	2	19
02:15			0	10	1	9	1	19		0	18	0	14	0	32
02:30			0	12	0	12	0	24		0	13	1	9	1	22
02:45			0	26	0	17	0	43		0	14	0	8	0	22
03:00			0	14	0	25	0	39		0	7	0	9	0	16
03:15			0	7	0	13	0	20		0	7	0	18	0	25
03:30			1	19	0	20	1	39		1	12	0	12	1	24
03:45			1	21	0	16	1	37		1	19	0	21	1	40
04:00			0	17	2	15	2	32		0	8	2	14	2	22
04:15			1	13	0	15	1	28		1	10	0	15	1	25
04:30			0	22	0	12	0	34		0	20	1	13	1	33
04:45			1	17	0	13	1	30		0	21	0	18	0	39
05:00			1	13	5	18	6	31		0	16	3	16	3	32
05:15			2	19	3	22	5	41		4	20	6	13	10	33
05:30			1	12	3	17	4	29		2	23	3	10	5	33
05:45			1	18	4	16	5	34		1	19	7	15	8	34
06:00			3	24	17	15	20	39		3	19	15	9	18	28
06:15			3	18	7	12	10	30		5	9	7	12	12	21
06:30			10	13	12	8	22	21		10	17	13	11	23	28
06:45			7	15	15	10	22	25		9	18	12	6	21	24
07:00			7	6	46	9	53	15		14	2	38	8	52	10
07:15			25	8	25	9	50	17		20	15	29	10	49	25
07:30			27	7	20	5	47	12		14	7	27	6	41	13
07:45			16	4	19	8	35	12		27	13	19	7	46	20
08:00			12	9	13	7	25	16		12	6	14	7	26	13
08:15			13	6	14	7	27	13		17	3	20	9	37	12
08:30			15	4	17	6	32	10		9	8	11	3	20	11
08:45			13	6	13	5	26	11		11	8	9	7	20	15
09:00			3	5	5	6	8	11		10	4	13	5	23	9
09:15			7	2	7	5	14	7		7	5	11	7	18	12
09:30			12	3	8	3	20	6		12	4	5	1	17	5
09:45			6	5	7	3	13	8		6	5	8	2	14	7
10:00			9	1	9	1	18	2		2	3	11	2	13	5
10:15			13	2	9	4	22	6		5	2	10	4	15	6
10:30			5	2	10	5	15	7		7	2	11	3	18	5
10:45			8	2	8	0	16	2		4	0	6	0	10	0
11:00			8	0	9	3	17	3		5	1	9	0	14	1
11:15			9	2	9	2	18	4		9	0	5	1	14	1
11:30			12	2	6	1	18	3		7	0	17	1	24	1
11:45			10	1	11	1	21	2		11	2	2	0	13	2
<b>Total</b>			266	474	338	463	604	937		248	464	353	416	601	880
<b>Day Total</b>			740		801		1541			712		769		1481	
<b>% Total</b>			17.3%	30.8%	21.9%	30.0%			16.7%	31.3%	23.8%	28.1%			
<b>Peak</b>			07:15	03:45	07:00	02:45	07:00	05:15		07:00	05:15	07:00	03:15	07:00	04:30
<b>Vol.</b>			80	73	110	75	185	143		75	81	113	65	188	137
<b>P.H.F.</b>			0.741	0.830	0.598	0.750	0.873	0.872		0.694	0.880	0.743	0.774	0.904	0.878

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

Start Time	17-Oct-11 Mon	18-Oct-11 Tue	19-Oct-11 Wed	20-Oct-11 Thu	21-Oct-11 Fri	22-Oct-11 Sat	23-Oct-11 Sun	Week Average
12:00 AM	*	4	5	*	*	*	*	4
01:00	*	4	3	*	*	*	*	4
02:00	*	1	3	*	*	*	*	2
03:00	*	2	2	*	*	*	*	2
04:00	*	4	4	*	*	*	*	4
05:00	*	20	26	*	*	*	*	23
06:00	*	74	74	*	*	*	*	74
07:00	*	<b>185</b>	<b>188</b>	*	*	*	*	<b>186</b>
08:00	*	110	103	*	*	*	*	106
09:00	*	55	72	*	*	*	*	64
10:00	*	71	56	*	*	*	*	64
11:00	*	74	65	*	*	*	*	70
12:00 PM	*	78	80	*	*	*	*	79
01:00	*	65	75	*	*	*	*	70
02:00	*	118	95	*	*	*	*	106
03:00	*	<b>135</b>	105	*	*	*	*	120
04:00	*	124	119	*	*	*	*	122
05:00	*	135	<b>132</b>	*	*	*	*	<b>134</b>
06:00	*	115	101	*	*	*	*	108
07:00	*	56	68	*	*	*	*	62
08:00	*	50	51	*	*	*	*	50
09:00	*	32	33	*	*	*	*	32
10:00	*	17	16	*	*	*	*	16
11:00	*	12	5	*	*	*	*	8
Total	0	1541	1481	0	0	0	0	1510
Percentage	0.0%	102.1%	98.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak		07:00	07:00					07:00
Vol.		185	188					186
PM Peak		15:00	17:00					17:00
Vol.		135	132					134

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

**EB**

Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total
10/18/1																												
1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	2	2	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
06:00	0	2	1	2	8	9	1	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
07:00	0	2	4	12	32	16	8	1	0	16	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75
08:00	0	0	1	2	19	24	7	0	0	24	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53
09:00	1	0	4	1	10	10	2	0	0	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
10:00	0	1	2	5	17	8	2	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
11:00	0	0	0	7	19	7	5	1	0	7	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
12 PM	1	0	1	2	15	19	4	3	1	19	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
13:00	0	0	0	2	12	11	2	0	0	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
14:00	1	0	0	7	26	20	8	0	0	20	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
15:00	1	1	1	9	32	15	2	0	0	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
16:00	0	0	0	13	21	28	6	0	1	28	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69
17:00	1	0	0	9	20	27	5	0	0	27	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
18:00	0	2	4	5	33	24	2	0	0	24	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
19:00	0	0	0	2	12	9	2	0	0	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
20:00	0	0	1	2	6	12	4	0	0	12	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
21:00	0	0	0	2	5	7	1	0	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
22:00	0	0	0	0	4	2	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
23:00	0	0	0	0	2	2	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	5	8	19	83	297	254	66	6	2	254	66	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	740

Daily

15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 42 MPH

Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 497  
 Percent in Pace : 67.2%  
 Number of Vehicles > 30 MPH : 593  
 Percent of Vehicles > 30 MPH : 80.1%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

**EB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
10/19/1															
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	3	4	0	0	0	0	0	0	0	0	7
06:00	1	0	2	1	8	11	4	0	0	0	0	0	0	0	27
07:00	4	0	6	12	27	23	2	1	0	0	0	0	0	0	75
08:00	1	1	0	7	25	10	4	1	0	0	0	0	0	0	49
09:00	0	0	2	7	11	10	3	2	0	0	0	0	0	0	35
10:00	0	0	0	5	8	5	0	0	0	0	0	0	0	0	18
11:00	1	0	1	3	10	13	3	1	0	0	0	0	0	0	32
12 PM	0	0	1	2	16	16	5	0	0	0	0	0	0	0	40
13:00	0	0	0	7	12	14	2	0	0	0	0	0	0	0	35
14:00	0	0	1	10	28	10	5	0	0	0	0	0	0	0	54
15:00	0	0	0	6	19	14	6	0	0	0	0	0	0	0	45
16:00	2	1	2	8	24	21	1	0	0	0	0	0	0	0	59
17:00	2	0	4	28	28	14	2	0	0	0	0	0	0	0	78
18:00	1	0	2	17	30	12	1	0	0	0	0	0	0	0	63
19:00	0	0	2	4	20	9	2	0	0	0	0	0	0	0	37
20:00	0	0	1	2	15	5	2	0	0	0	0	0	0	0	25
21:00	0	0	2	3	9	3	1	0	0	0	0	0	0	0	18
22:00	0	0	0	2	3	2	0	0	0	0	0	0	0	0	7
23:00	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>12</b>	<b>2</b>	<b>26</b>	<b>128</b>	<b>296</b>	<b>199</b>	<b>44</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>712</b>

Daily  
 15th Percentile : 27 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 41 MPH  
 Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 461  
 Percent in Pace : 64.7%  
 Number of Vehicles > 30 MPH : 516  
 Percent of Vehicles > 30 MPH : 72.5%

<b>Grand Total</b>	<b>17</b>	<b>10</b>	<b>45</b>	<b>211</b>	<b>593</b>	<b>453</b>	<b>110</b>	<b>11</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1452</b>
--------------------	-----------	-----------	-----------	------------	------------	------------	------------	-----------	----------	----------	----------	----------	----------	----------	-------------

Overall  
 15th Percentile : 28 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 42 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 956  
 Percent in Pace : 65.8%  
 Number of Vehicles > 30 MPH : 1109  
 Percent of Vehicles > 30 MPH : 76.4%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

WB	Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	76	
10/18/1																
1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
05:00	0	0	0	3	6	2	3	1	0	0	0	0	0	0	0	15
06:00	0	1	2	3	19	19	6	0	1	0	0	0	0	0	0	51
07:00	0	0	3	13	35	49	10	0	0	0	0	0	0	0	0	110
08:00	0	0	1	3	17	22	14	0	0	0	0	0	0	0	0	57
09:00	0	0	0	1	16	8	1	1	0	0	0	0	0	0	0	27
10:00	0	2	1	5	11	12	5	0	0	0	0	0	0	0	0	36
11:00	0	0	1	6	11	15	1	1	0	0	0	0	0	0	0	35
12 PM	0	1	0	4	15	10	1	1	0	0	0	0	0	0	0	32
13:00	0	0	2	6	14	13	3	0	0	0	0	0	0	0	0	38
14:00	1	0	0	9	25	18	2	1	0	0	0	0	0	0	0	56
15:00	1	2	4	15	18	26	7	0	1	0	0	0	0	0	0	74
16:00	0	0	0	3	29	17	5	1	0	0	0	0	0	0	0	55
17:00	2	0	1	8	35	25	2	0	0	0	0	0	0	0	0	73
18:00	0	0	1	5	23	14	1	0	0	1	0	0	0	0	0	45
19:00	0	0	0	2	13	13	2	0	1	0	0	0	0	0	0	31
20:00	0	0	1	2	10	8	4	0	0	0	0	0	0	0	0	25
21:00	0	0	0	2	8	6	1	0	0	0	0	0	0	0	0	17
22:00	0	0	0	1	3	4	2	0	0	0	0	0	0	0	0	10
23:00	0	0	0	0	4	2	0	0	1	0	0	0	0	0	0	7
Total	4	6	17	91	315	285	72	6	4	1	0	0	0	0	0	801

Daily

15th Percentile : 29 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 42 MPH

Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 543  
 Percent in Pace : 67.8%  
 Number of Vehicles > 30 MPH : 651  
 Percent of Vehicles > 30 MPH : 81.3%



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

**WB**

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
10/19/1															
1	0	0	0	1	0	4	0	0	0	0	0	0	0	0	5
01:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	2	0	1	0	0	0	0	0	0	3
05:00	0	0	1	1	5	9	2	1	0	0	0	0	0	0	19
06:00	1	0	0	1	18	23	4	0	0	0	0	0	0	0	47
07:00	3	0	4	15	47	41	3	0	0	0	0	0	0	0	113
08:00	1	0	3	23	13	10	4	0	0	0	0	0	0	0	54
09:00	2	0	2	7	13	8	5	0	0	0	0	0	0	0	37
10:00	2	0	1	4	14	14	2	1	0	0	0	0	0	0	38
11:00	0	0	2	4	10	13	3	1	0	0	0	0	0	0	33
12 PM	0	0	0	2	17	17	4	0	0	0	0	0	0	0	40
13:00	0	0	1	9	13	16	1	0	0	0	0	0	0	0	40
14:00	1	0	0	3	19	16	2	0	0	0	0	0	0	0	41
15:00	2	1	7	9	19	18	3	1	0	0	0	0	0	0	60
16:00	2	1	1	9	23	19	5	0	0	0	0	0	0	0	60
17:00	1	0	0	16	23	12	2	0	0	0	0	0	0	0	54
18:00	1	0	1	9	12	15	0	0	0	0	0	0	0	0	38
19:00	0	0	2	7	12	8	1	1	0	0	0	0	0	0	31
20:00	0	0	1	1	13	10	1	0	0	0	0	0	0	0	26
21:00	0	0	1	4	6	2	2	0	0	0	0	0	0	0	15
22:00	0	0	0	4	1	2	2	0	0	0	0	0	0	0	9
23:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
<b>Total</b>	<b>16</b>	<b>2</b>	<b>27</b>	<b>130</b>	<b>278</b>	<b>263</b>	<b>47</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>769</b>

Daily  
 15th Percentile : 27 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 41 MPH  
  
 Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 491  
 Percent in Pace : 63.8%  
 Number of Vehicles > 30 MPH : 566  
 Percent of Vehicles > 30 MPH : 73.6%

<b>Grand Total</b>	<b>20</b>	<b>8</b>	<b>44</b>	<b>221</b>	<b>593</b>	<b>548</b>	<b>119</b>	<b>12</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1570</b>
--------------------	-----------	----------	-----------	------------	------------	------------	------------	-----------	----------	----------	----------	----------	----------	----------	-------------

Overall  
 15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 42 MPH  
  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 1032  
 Percent in Pace : 65.7%  
 Number of Vehicles > 30 MPH : 1217  
 Percent of Vehicles > 30 MPH : 77.5%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

**EB, WB**

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
	15	20	25	30	35	40	45	50	55	60	65	70	75	999	
10/18/1															
1	0	0	0	1	2	0	1	0	0	0	0	0	0	0	4
01:00	0	0	0	0	1	2	1	0	0	0	0	0	0	0	4
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
04:00	0	0	0	0	2	0	2	0	0	0	0	0	0	0	4
05:00	0	0	0	3	8	4	4	1	0	0	0	0	0	0	20
06:00	0	3	3	5	27	28	7	0	1	0	0	0	0	0	74
07:00	0	2	7	25	67	65	18	1	0	0	0	0	0	0	185
08:00	0	0	2	5	36	46	21	0	0	0	0	0	0	0	110
09:00	1	0	4	2	26	18	3	1	0	0	0	0	0	0	55
10:00	0	3	3	10	28	20	7	0	0	0	0	0	0	0	71
11:00	0	0	1	13	30	22	6	2	0	0	0	0	0	0	74
12 PM	1	1	1	6	30	29	5	4	1	0	0	0	0	0	78
13:00	0	0	2	8	26	24	5	0	0	0	0	0	0	0	65
14:00	2	0	0	16	51	38	10	1	0	0	0	0	0	0	118
15:00	2	3	5	24	50	41	9	0	1	0	0	0	0	0	135
16:00	0	0	0	16	50	45	11	1	1	0	0	0	0	0	124
17:00	3	0	1	17	55	52	7	0	0	0	0	0	0	0	135
18:00	0	2	5	10	56	38	3	0	0	1	0	0	0	0	115
19:00	0	0	0	4	25	22	4	0	1	0	0	0	0	0	56
20:00	0	0	2	4	16	20	8	0	0	0	0	0	0	0	50
21:00	0	0	0	4	13	13	2	0	0	0	0	0	0	0	32
22:00	0	0	0	1	7	6	3	0	0	0	0	0	0	0	17
23:00	0	0	0	0	6	4	0	1	1	0	0	0	0	0	12
<b>Total</b>	<b>9</b>	<b>14</b>	<b>36</b>	<b>174</b>	<b>612</b>	<b>539</b>	<b>138</b>	<b>12</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1541</b>

Daily

15th Percentile : 29 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 42 MPH

Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 1041  
 Percent in Pace : 67.6%  
 Number of Vehicles > 30 MPH : 1244  
 Percent of Vehicles > 30 MPH : 80.7%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

**EB, WB**

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
10/19/1															
1	0	0	0	1	0	4	0	0	0	0	0	0	0	0	5
01:00	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
02:00	0	0	0	1	0	1	1	0	0	0	0	0	0	0	3
03:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4
05:00	0	0	1	1	8	13	2	1	0	0	0	0	0	0	26
06:00	2	0	2	2	26	34	8	0	0	0	0	0	0	0	74
07:00	7	0	10	27	74	64	5	1	0	0	0	0	0	0	188
08:00	2	1	3	30	38	20	8	1	0	0	0	0	0	0	103
09:00	2	0	4	14	24	18	8	2	0	0	0	0	0	0	72
10:00	2	0	1	9	22	19	2	1	0	0	0	0	0	0	56
11:00	1	0	3	7	20	26	6	2	0	0	0	0	0	0	65
12 PM	0	0	1	4	33	33	9	0	0	0	0	0	0	0	80
13:00	0	0	1	16	25	30	3	0	0	0	0	0	0	0	75
14:00	1	0	1	13	47	26	7	0	0	0	0	0	0	0	95
15:00	2	1	7	15	38	32	9	1	0	0	0	0	0	0	105
16:00	4	2	3	17	47	40	6	0	0	0	0	0	0	0	119
17:00	3	0	4	44	51	26	4	0	0	0	0	0	0	0	132
18:00	2	0	3	26	42	27	1	0	0	0	0	0	0	0	101
19:00	0	0	4	11	32	17	3	1	0	0	0	0	0	0	68
20:00	0	0	2	3	28	15	3	0	0	0	0	0	0	0	51
21:00	0	0	3	7	15	5	3	0	0	0	0	0	0	0	33
22:00	0	0	0	6	4	4	2	0	0	0	0	0	0	0	16
23:00	0	0	0	3	0	2	0	0	0	0	0	0	0	0	5
<b>Total</b>	<b>28</b>	<b>4</b>	<b>53</b>	<b>258</b>	<b>574</b>	<b>462</b>	<b>91</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1481</b>

Daily  
 15th Percentile : 27 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 41 MPH  
 Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 952  
 Percent in Pace : 64.3%  
 Number of Vehicles > 30 MPH : 1082  
 Percent of Vehicles > 30 MPH : 73.1%

<b>Grand Total</b>	<b>37</b>	<b>18</b>	<b>89</b>	<b>432</b>	<b>1186</b>	<b>1001</b>	<b>229</b>	<b>23</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3022</b>
--------------------	-----------	-----------	-----------	------------	-------------	-------------	------------	-----------	----------	----------	----------	----------	----------	----------	-------------

Overall  
 15th Percentile : 28 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 42 MPH  
 Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 1987  
 Percent in Pace : 65.8%  
 Number of Vehicles > 30 MPH : 2326  
 Percent of Vehicles > 30 MPH : 77.0%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
10/18/11	0	1	1	0	1	0	0	0	0	0	0	0	0	3	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2	1
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0
05:00	0	1	2	0	2	0	0	0	0	0	0	0	0	5	2
06:00	0	12	8	2	1	0	0	0	0	0	0	0	0	23	3
07:00	0	47	21	2	5	0	0	0	0	0	0	0	0	75	7
08:00	0	30	15	3	5	0	0	0	0	0	0	0	0	53	8
09:00	0	22	2	0	4	0	0	0	0	0	0	0	0	28	4
10:00	0	15	17	0	3	0	0	0	0	0	0	0	0	35	3
11:00	0	19	14	0	3	2	0	1	0	0	0	0	0	39	6
12 PM	0	31	14	0	1	0	0	0	0	0	0	0	0	46	1
13:00	0	17	7	0	2	0	0	1	0	0	0	0	0	27	3
14:00	0	41	16	1	3	0	0	1	0	0	0	0	0	62	5
15:00	0	43	13	1	4	0	0	0	0	0	0	0	0	61	5
16:00	2	40	19	0	7	0	0	1	0	0	0	0	0	69	8
17:00	0	48	9	0	4	1	0	0	0	0	0	0	0	62	5
18:00	0	56	10	1	3	0	0	0	0	0	0	0	0	70	4
19:00	0	15	8	0	2	0	0	0	0	0	0	0	0	25	2
20:00	0	15	7	0	3	0	0	0	0	0	0	0	0	25	3
21:00	0	9	4	0	2	0	0	0	0	0	0	0	0	15	2
22:00	0	4	3	0	0	0	0	0	0	0	0	0	0	7	0
23:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5	0
Total	2	472	193	10	56	3	0	4	0	0	0	0	0	740	73
Percent	0.3%	63.8%	26.1%	1.4%	7.6%	0.4%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%		9.9%
AM Peak		07:00	07:00	08:00	07:00	11:00		11:00						07:00	08:00
Vol.		47	21	3	5	2		1						75	8
PM Peak	16:00	18:00	16:00	14:00	16:00	17:00		13:00						18:00	16:00
Vol.	2	56	19	1	7	1		1						70	8





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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

WB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	10/19/11	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0
	01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
	02:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
	05:00	0	13	6	0	0	0	0	0	0	0	0	0	0	19	0
	06:00	0	39	8	0	0	0	0	0	0	0	0	0	0	47	0
	07:00	0	84	22	3	4	0	0	0	0	0	0	0	0	113	7
	08:00	0	42	9	0	2	1	0	0	0	0	0	0	0	54	3
	09:00	0	28	7	0	1	1	0	0	0	0	0	0	0	37	2
	10:00	0	23	14	0	1	0	0	0	0	0	0	0	0	38	1
	11:00	0	23	8	0	2	0	0	0	0	0	0	0	0	33	2
	12 PM	0	30	7	0	3	0	0	0	0	0	0	0	0	40	3
	13:00	0	29	7	0	4	0	0	0	0	0	0	0	0	40	4
	14:00	0	29	10	0	2	0	0	0	0	0	0	0	0	41	2
	15:00	0	44	12	3	1	0	0	0	0	0	0	0	0	60	4
	16:00	1	37	21	0	1	0	0	0	0	0	0	0	0	60	1
	17:00	0	40	12	0	0	0	0	1	0	0	0	0	0	53	1
	18:00	0	33	5	0	0	0	0	0	0	0	0	0	0	38	0
	19:00	0	23	8	0	0	0	0	0	0	0	0	0	0	31	0
	20:00	0	23	3	0	0	0	0	0	0	0	0	0	0	26	0
	21:00	0	12	3	0	0	0	0	0	0	0	0	0	0	15	0
	22:00	0	9	0	0	0	0	0	0	0	0	0	0	0	9	0
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
	<b>Total</b>	1	574	162	6	22	2	0	1	0	0	0	0	0	768	31
	<b>Percent</b>	0.1%	74.7%	21.1%	0.8%	2.9%	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%		4.0%
	<b>AM Peak</b>		07:00	07:00	07:00	07:00	08:00								07:00	07:00
	<b>Vol.</b>		84	22	3	4	1								113	7
	<b>PM Peak</b>	16:00	15:00	16:00	15:00	13:00			17:00						15:00	13:00
	<b>Vol.</b>	1	44	21	3	4			1						60	4
	<b>Grand Total</b>	2	1152	342	16	50	5	0	1	1	0	0	0	0	1569	73
	<b>Percent</b>	0.1%	73.4%	21.8%	1.0%	3.2%	0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%		4.7%

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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
10/18/11	0	2	1	0	1	0	0	0	0	0	0	0	0	4	1
01:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2	1
04:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4	0
05:00	0	11	7	0	2	0	0	0	0	0	0	0	0	20	2
06:00	0	52	19	2	1	0	0	0	0	0	0	0	0	74	3
07:00	0	129	40	5	11	0	0	0	0	0	0	0	0	185	16
08:00	0	75	24	3	8	0	0	0	0	0	0	0	0	110	11
09:00	0	41	7	1	5	1	0	0	0	0	0	0	0	55	7
10:00	0	38	26	0	6	1	0	0	0	0	0	0	0	71	7
11:00	0	41	23	0	5	3	0	1	1	0	0	0	0	74	10
12 PM	1	55	20	0	2	0	0	0	0	0	0	0	0	78	2
13:00	0	48	13	1	2	0	0	1	0	0	0	0	0	65	4
14:00	0	78	32	1	6	0	0	1	0	0	0	0	0	118	8
15:00	0	88	33	5	9	0	0	0	0	0	0	0	0	135	14
16:00	2	78	34	1	8	0	0	1	0	0	0	0	0	124	10
17:00	0	102	28	0	4	1	0	0	0	0	0	0	0	135	5
18:00	0	88	21	1	5	0	0	0	0	0	0	0	0	115	6
19:00	0	38	16	0	2	0	0	0	0	0	0	0	0	56	2
20:00	0	35	12	0	3	0	0	0	0	0	0	0	0	50	3
21:00	0	23	6	0	3	0	0	0	0	0	0	0	0	32	3
22:00	0	12	5	0	0	0	0	0	0	0	0	0	0	17	0
23:00	0	9	3	0	0	0	0	0	0	0	0	0	0	12	0
Total	3	1050	373	20	84	6	0	4	1	0	0	0	0	1541	115
Percent	0.2%	68.1%	24.2%	1.3%	5.5%	0.4%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%		7.5%
AM Peak		07:00	07:00	07:00	07:00	11:00		11:00	11:00					07:00	07:00
Vol.		129	40	5	11	3		1	1					185	16
PM Peak	16:00	17:00	16:00	15:00	15:00	17:00		13:00						15:00	15:00
Vol.	2	102	34	5	9	1		1						135	14



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

Community: Pembroke  
 Com#\_UR/FC: 231\_U0  
 Recorder #: Jamar #8  
 Layout: L6 Basic (2')

Station ID:  
 Site Code: 231  
 Date Start: 18-Oct-11  
 Date End: 19-Oct-11  
 Valley St, west of Forest St

EB, WB	Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	Truck Total
	10/19/11	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0
	01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0
	02:00	0	1	0	0	2	0	0	0	0	0	0	0	0	3	2
	03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2	1
	04:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0
	05:00	0	15	10	0	1	0	0	0	0	0	0	0	0	26	1
	06:00	0	58	14	2	0	0	0	0	0	0	0	0	0	74	2
	07:00	0	130	42	5	10	0	0	0	0	0	0	0	0	187	15
	08:00	0	73	23	1	4	1	0	1	0	0	0	0	0	103	7
	09:00	0	55	13	0	2	2	0	0	0	0	0	0	0	72	4
	10:00	1	30	22	0	2	1	0	0	0	0	0	0	0	56	3
	11:00	0	43	16	1	5	0	0	0	0	0	0	0	0	65	6
	12 PM	0	58	16	0	6	0	0	0	0	0	0	0	0	80	6
	13:00	0	50	18	0	7	0	0	0	0	0	0	0	0	75	7
	14:00	0	66	24	1	4	0	0	0	0	0	0	0	0	95	5
	15:00	0	75	26	3	1	0	0	0	0	0	0	0	0	105	4
	16:00	1	79	37	0	2	0	0	0	0	0	0	0	0	119	2
	17:00	0	101	26	0	3	0	0	1	0	0	0	0	0	131	4
	18:00	0	85	14	0	2	0	0	0	0	0	0	0	0	101	2
	19:00	0	52	15	0	1	0	0	0	0	0	0	0	0	68	1
	20:00	0	41	10	0	0	0	0	0	0	0	0	0	0	51	0
	21:00	0	27	6	0	0	0	0	0	0	0	0	0	0	33	0
	22:00	0	13	2	0	1	0	0	0	0	0	0	0	0	16	1
	23:00	1	3	1	0	0	0	0	0	0	0	0	0	0	5	0
	<b>Total</b>	<b>3</b>	<b>1068</b>	<b>335</b>	<b>13</b>	<b>54</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1479</b>	<b>73</b>
	<b>Percent</b>	<b>0.2%</b>	<b>72.2%</b>	<b>22.7%</b>	<b>0.9%</b>	<b>3.7%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>4.9%</b>
	<b>AM Peak</b>	<b>10:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>09:00</b>		<b>08:00</b>						<b>07:00</b>	<b>07:00</b>
	<b>Vol.</b>	<b>1</b>	<b>130</b>	<b>42</b>	<b>5</b>	<b>10</b>	<b>2</b>		<b>1</b>						<b>187</b>	<b>15</b>
	<b>PM Peak</b>	<b>16:00</b>	<b>17:00</b>	<b>16:00</b>	<b>15:00</b>	<b>13:00</b>			<b>17:00</b>						<b>17:00</b>	<b>13:00</b>
	<b>Vol.</b>	<b>1</b>	<b>101</b>	<b>37</b>	<b>3</b>	<b>7</b>			<b>1</b>						<b>131</b>	<b>7</b>
	<b>Grand Total</b>	<b>6</b>	<b>2118</b>	<b>708</b>	<b>33</b>	<b>138</b>	<b>10</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3020</b>	<b>188</b>
	<b>Percent</b>	<b>0.2%</b>	<b>70.1%</b>	<b>23.4%</b>	<b>1.1%</b>	<b>4.6%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		<b>6.2%</b>