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## MEMORANDUM

**TO:** James Bernadino  
**FROM:** Jason Adams, P.E.  
**DATE:** December 5, 2018  
**RE:** Dunkin' Donuts Ashley Blvd  
Traffic Assessment  
New Bedford, MA

McMahon Associates has completed a traffic assessment for the proposed Dunkin' Donuts development located at 970 Ashley Boulevard (Route 18) in New Bedford, Massachusetts. The assessment is based on a concept plan from Bohler Engineering, dated October 16, 2018. The site is currently vacant. The proposed project includes the construction of a 2,002 square foot Dunkin' Donuts restaurant with drive through. The site is proposed to be accessed via a full-access driveway on Ashley Boulevard (Route 18) and an exit-only driveway on York Street. The proposed drive-through would provide one-way counterclockwise circulation throughout the site with two-way access to parking provided on the southern portion of the site. The following memorandum outlines the adjacent roadway traffic volumes, estimated project trip generation, and sight distance at the proposed driveway locations.

### Existing Traffic Volumes

To assess daily traffic volume along Ashley Boulevard (Route 18), Automatic Traffic Recorder (ATR) data was collected for a 48-hour period from Tuesday, November 6, 2018 to Wednesday, November 7, 2018 in the vicinity of the project site. The ATR collected traffic volume, vehicle speed and vehicle classification data. The ATR counts are summarized in Table 1 and are provided as an attachment to this assessment.

**Table 1: Automated Traffic Recorder Data  
 Ashley Boulevard, New Bedford, MA**

<u>Direction</u>	<u>ADT<sup>(1)</sup></u>	<u>AM Peak<sup>(2)</sup></u>	<u>PM Peak<sup>(3)</sup></u>	<u>85<sup>th</sup> Percentile Speed</u>
Northbound	6,660	630	190	39
Southbound	<u>5,140</u>	<u>400</u>	<u>530</u>	<u>40</u>
Overall	11,800	1,030	720	n/a

- (1) Average daily traffic volume in vehicles per day.
- (2) Weekday morning hourly volume occurs from 7:00AM-8:00AM.
- (3) Weekday afternoon hourly volume occurs from 4:00PM-5:00PM.

Along Ashley Boulevard (Route 18), the average daily traffic (ADT) volume was recorded to be approximately 11,800 vehicles for both directions, with approximately 6,660 vehicles traveling northbound and approximately 5,140 vehicles traveling southbound. The weekday morning peak hour along Ashley Boulevard (Route 18) occurs between 7:00 AM and 8:00 AM with a total peak hour volume of approximately 630 vehicles. The weekday afternoon peak hour along Ashley Boulevard (Route 18) occurs between 4:00 PM and 5:00 PM with a total peak hour volume of approximately 400 vehicles.

The posted speed limit in the vicinity of the project site is 40 miles per hour on Ashley Boulevard (Route 18). Adjacent to the project site on Ashley Boulevard (Route 18), the 85<sup>th</sup> percentile speed was shown to be 39 miles per hour in the northbound direction and 40 miles per hour in the southbound direction.

**Project Trip Generation**

In order to estimate the number of vehicle trips associated with the proposed Dunkin’ Donuts development, the Institute of Transportation Engineers’ (ITE) publication, *Trip Generation Manual, 10<sup>th</sup> Edition*, was referenced. ITE is a national research organization of transportation professionals, and the *Trip Generation Manual, 10<sup>th</sup> Edition* provides traffic generation information for various land uses compiled from studies conducted by members nationwide. Vehicle trip estimates for the proposed Dunkin’ Donuts were developed based on data presented in this publication for Land Use Code 937 (Coffee/Donut Shop with Drive-through Window). The ITE data establishes vehicle trip rates (in this case expressed in trips per square foot) based on actual traffic counts conducted at similar existing land uses.

Not all (driveway) trips to coffee/donut shops are new trips. In fact, a significant portion of the total trips attracted to such retail uses are “pass-by” trips. ITE does not provide a pass-by rate for Land Use Code 937. Therefore, the pass-by rate for Land Use Code 938 (Coffee/Donut Shop with Drive-Through Window and No Indoor Seating) was utilized for the weekday morning and weekday afternoon peak hours and the weekday daily time period. The vehicle trips projected to be generated by the proposed development are separated into pass-by vehicle trips and new vehicle trips, as shown in Table 2.

**Table 2: Summary of Project Trip Generation**

<u>Description</u>	<u>Size</u>	<u>Weekday AM</u>			<u>Weekday PM</u>			<u>Daily</u>		
		<u>In</u>	<u>Out</u>	<u>Total</u>	<u>In</u>	<u>Out</u>	<u>Total</u>	<u>In</u>	<u>Out</u>	<u>Total</u>
Projected Site Trips <sup>(1)</sup>	2,002 s.f	<u>91</u>	<u>87</u>	<u>178</u>	<u>43</u>	<u>43</u>	<u>86</u>	<u>820</u>	<u>820</u>	<u>1,640</u>
- Pass-By Trips <sup>(2)</sup>		<u>80</u>	<u>79</u>	<u>159</u>	<u>39</u>	<u>39</u>	<u>78</u>	<u>731</u>	<u>730</u>	<u>1,461</u>
Additional "New" Trips		11	8	19	4	4	8	89	90	179

(1) ITE Land Use Code 937 (Coffee/Donut Shop with Drive-through Window), based on 2,002 s.f.

(2) Based on LUC 938, 89% of weekday daily and weekday AM and PM peak hour trips are attributed to "pass-by" trips.

As shown in Table 2, the majority of vehicle trips projected to travel to the project site would be drawn from the vehicles already traveling past the site. The peak hour trip generation of the proposed development is estimated to result in approximately 19 new vehicle trips (11 entering vehicles and eight exiting vehicles) during the weekday morning peak hour and approximately eight new vehicle trips (four entering vehicles and four exiting vehicles) during the weekday afternoon peak hour. The proposed development is estimated to increase volumes on Ashley Boulevard (Route 18) by less than 2% during the weekday morning peak hour, weekday afternoon peak hour, and over the course of a typical weekday.

**Site Access and Circulation**

Access to the proposed Dunkin’ Donuts development would to be provided via two unsignalized driveways; one full-access driveway on Ashley Boulevard (Route 18) and one exit-only driveway on York Street. The project site driveways are expected to operate with minimal vehicle queues and are not expected to impact site operations or the operations on the adjacent roadways.

**Sight Distance**

A field review of the available sight distance was conducted at the proposed Ashley Boulevard (Route 18) site driveway and the proposed York Street site driveway. Vehicle speeds, collected by the ATR count, indicate that the 85<sup>th</sup> percentile speed on Ashley Boulevard (Route 18) in the northbound direction is 39 miles per hour and in the southbound direction is 40 miles per hour. Therefore, a speed of 40 miles per hour was utilized in the sight distance review of Ashley Boulevard (Route 18). No posted speed limits are available on York Street and therefore, a speed of 25 miles per hour was used.

The American Association of State Highway and Transportation Officials (AASHTO) publication, *A Policy on Geometric Design, 2011 Edition*, defines minimum and desirable sight distances at intersections. The minimum sight distance is based on the required stopping sight distance (SSD) for vehicles traveling along the major road. The desirable sight distance allows vehicles to enter the major road traffic flow without requiring the major road traffic to slow to less than 70% of their speed and is referred to as intersection sight distance (ISD). According to AASHTO, “If the available sight distance for an entering or crossing vehicle is at least equal to the appropriate stopping sight distance for the major road, then drivers have sufficient time to anticipate and avoid collisions.”

Table 3 summarizes the AASHTO sight distance standards for a speed of 40 miles per hour on Ashley Boulevard (Route 18), and a speed of 25 miles per hour on York Street, and shows the available sight distances at the proposed site driveways.

**Table 3: Sight Distance Requirements**

<b>Vehicle Location</b>	<b>Direction</b>	<b>SSD (ft)<sup>(1)</sup></b>	<b>ISD (ft)<sup>(2)</sup></b>	<b>Available Sight Distance Measured (ft)</b>
<b>Ashley Boulevard at Site Driveway</b>	Looking Left (South)	305	385	>500
	Looking Right (North)	305	445	>500
<b>York Road at Site Driveway</b>	Looking Left (West)	155	240	95 <sup>(3)</sup>
	Looking Right (East)	155	280	300 <sup>(4)</sup>

(1) AASHTO stopping sight distance (see AASHTO Table 3-1) for operating speeds of 40 mph for Ashley Boulevard (Route 18) and 25 mph for York Street.

(2) AASHTO intersection sight distance (see AASHTO Table 9-6 for Case B1, Left Turn from Stop and Table 9-8 for Case B2, Right Turn from Stop).

(3) Sight distance to the intersection of Ashley Boulevard (Route 18) at York Street. Sight lines available through the intersection.

(4) Sight distance to the intersection of Ashley Boulevard (Route 18) at Raymond Street.

As shown in Table 3, the available sight distance for a vehicle exiting the proposed Ashley Boulevard (Route 18) site driveway looking to the left (south) and looking to the right (north) is greater than 500 feet, which exceeds both the SSD and ISD values for vehicle speeds of 40 miles per hour. The available sight distance for a vehicle exiting the proposed York Street site driveway looking to the left (west) is approximately 95 feet to the intersection of Ashley Boulevard (Route 18) at York Street and sight lines are available through the intersection. The available sight distance for a vehicle exiting the proposed York Street site driveway looking to the right (east) is approximately 300 feet to the intersection of York Street at Raymond Street. The sight lines at the proposed York Street site driveway are expected to exceed both SSD and ISD values for vehicle speeds of 25 miles per hour. Given the available sight distance, each of the proposed site driveways should allow for safe operations entering and exiting the site.

**Conclusion**

Based on the review of the information presented in this assessment, the following conclusions can be drawn regarding the existing traffic conditions and proposed Dunkin’ Donuts development in New Bedford, Massachusetts.

- Ashley Boulevard (Route 18) has an ADT of approximately 11,800 vehicles per day with an 85<sup>th</sup> percentile speed of 39 miles per hour northbound and 40 miles per hour southbound.

- Available sight distance at the Ashley Boulevard (Route 18) and York Street site driveways exceeds SSD and ISD requirements. The site driveways are expected to operate in a safe and efficient manner.
- The majority of vehicles accessing the proposed project are expected to be drawn from the vehicles already traveling past the site on Ashley Boulevard (Route 18). During a typical weekday, the proposed project is estimated to generate approximately 179 new vehicle trips. The development is projected to generate approximately 19 new vehicle trips during the weekday morning peak hour and approximately eight new vehicle trips during the weekday afternoon peak hour. The increase in vehicle trips on Ashley Boulevard (Route 18) as a result of the project is not expected to have a significant impact on traffic operations along Ashley Boulevard (Route 18).





PRECISION  
DATA  
INDUSTRIES, LLC

PRECISION DATA INDUSTRIES, LLC

Office: 508.875.0100 Fax: 508.875.0118

Email: datarequests@pdillc.com

*Traffic Counts with Precision*



Legend

Google Earth

© 2018 Google

300 ft



Client:  
McMahon

Engineer:  
A. Blecker

Site Code:

Date:  
Tues 11/13 thru Wed 11/14/18

PDI Job Number:  
186597

City, State:  
New Bedford, MA



PRECISION  
D A T A  
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702  
Office: 508-875-0100 Fax: 508-875-0118  
Email: datarequests@pdillc.com

970 Ashley Boulevard  
south of York Street  
City, State: New Bedford, MA  
Client: McMahon Associates/ A. Bleeker

186597 A Volume  
Site Code: TBA

Start Time	11/09/18		11/10/18		11/11/18		11/12/18		11/13/18		11/14/18		11/15/18		Week Average	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	17	36	33	50	38	59	17	19	16	17	16	30	*	*	23	35
01:00	12	16	15	22	23	44	12	9	11	11	10	19	*	*	14	20
02:00	11	9	14	19	21	16	13	13	17	9	12	10	*	*	15	13
03:00	29	9	14	11	11	12	20	9	26	10	26	8	*	*	21	10
04:00	135	28	40	15	21	13	54	13	106	27	144	33	*	*	83	22
05:00	165	64	85	27	25	24	131	38	155	56	162	63	*	*	120	45
06:00	275	157	106	80	61	65	181	92	295	148	305	160	*	*	204	117
07:00	<b>632</b>	<b>556</b>	144	152	93	112	175	170	<b>608</b>	<b>585</b>	<b>652</b>	<b>584</b>	*	*	<b>384</b>	<b>360</b>
08:00	353	354	205	255	152	209	185	204	326	322	313	310	*	*	256	276
09:00	333	350	347	321	237	236	235	256	253	301	312	345	*	*	286	302
10:00	340	342	393	383	266	<b>297</b>	269	264	285	298	299	348	*	*	309	322
11:00	366	406	<b>442</b>	<b>450</b>	<b>326</b>	289	<b>303</b>	<b>337</b>	284	315	334	360	*	*	342	360
12:00 PM	400	432	<b>469</b>	<b>397</b>	<b>321</b>	<b>358</b>	291	308	315	363	361	397	*	*	360	376
01:00	395	411	358	379	260	285	<b>309</b>	357	324	379	360	389	*	*	334	367
02:00	<b>488</b>	<b>634</b>	363	380	258	283	298	353	<b>456</b>	521	<b>501</b>	551	*	*	<b>394</b>	454
03:00	472	609	333	396	239	258	294	382	416	<b>656</b>	453	<b>626</b>	*	*	368	<b>488</b>
04:00	429	590	322	346	248	314	289	<b>466</b>	346	490	343	578	*	*	330	464
05:00	400	566	297	305	236	300	228	375	342	432	383	475	*	*	314	409
06:00	277	398	207	307	180	205	198	295	305	344	241	405	*	*	235	326
07:00	201	260	149	241	164	170	144	196	195	252	209	292	*	*	177	235
08:00	158	193	115	159	111	135	103	130	132	212	135	166	*	*	126	166
09:00	128	134	107	129	70	98	78	80	107	135	100	101	*	*	98	113
10:00	123	146	93	110	66	75	69	66	57	54	64	76	*	*	79	88
11:00	43	92	58	85	38	53	39	58	41	65	47	74	*	*	44	71
Total	6182	6792	4709	5019	3465	3910	3935	4490	5418	6002	5782	6400	0	0	4916	5439
Day	12974		9728		7375		8425		11420		12182		0		10355	
AM Peak	07:00	07:00	11:00	11:00	11:00	10:00	11:00	11:00	07:00	07:00	07:00	07:00	-	-	07:00	07:00
Vol.	632	556	442	450	326	297	303	337	608	585	652	584	-	-	384	360
PM Peak	14:00	14:00	12:00	12:00	12:00	12:00	13:00	16:00	14:00	15:00	14:00	15:00	-	-	14:00	15:00
Vol.	488	634	469	397	321	358	309	466	456	656	501	626	-	-	394	488



970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Volume  
 Site Code: TBA

Start Time	NB		SB		Combin ed		11/09/18 Fri	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		
12:00	11	94	13	104	24	198		
12:15	4	95	6	117	10	212		
12:30	1	110	7	111	8	221		
12:45	1	101	400	10	36	100	432	
01:00	3	96	4	100	7	196		
01:15	5	99	3	110	8	209		
01:30	2	105	3	97	5	202		
01:45	2	12	95	395	6	16	104	411
02:00	1	124	2	135	3	259		
02:15	3	135	0	91	3	226		
02:30	4	123	5	189	9	312		
02:45	3	11	106	488	2	9	219	634
03:00	9	95	2	148	11	243		
03:15	7	139	2	157	9	296		
03:30	5	118	1	149	6	267		
03:45	8	29	120	472	4	9	155	609
04:00	22	110	1	142	23	252		
04:15	33	95	6	150	39	245		
04:30	32	108	7	166	39	274		
04:45	48	135	116	429	14	28	132	590
05:00	44	108	14	169	58	277		
05:15	36	95	11	141	47	236		
05:30	37	108	22	137	59	245		
05:45	48	165	89	400	17	64	119	566
06:00	44	84	24	128	68	212		
06:15	58	72	39	108	97	180		
06:30	72	62	32	84	104	146		
06:45	101	275	59	277	62	157	78	398
07:00	183	68	147	83	330	151		
07:15	212	43	181	67	393	110		
07:30	134	53	142	47	276	100		
07:45	103	632	37	201	86	556	63	260
08:00	99	39	79	59	178	98		
08:15	92	55	91	41	183	96		
08:30	76	36	82	43	158	79		
08:45	86	353	28	158	102	354	50	193
09:00	93	36	74	45	167	81		
09:15	70	28	85	31	155	59		
09:30	82	32	103	30	185	62		
09:45	88	333	32	128	88	350	28	134
10:00	88	53	71	25	159	78		
10:15	93	22	99	42	192	64		
10:30	83	26	89	34	172	60		
10:45	76	340	22	123	83	342	45	146
11:00	89	15	114	37	203	52		
11:15	92	7	86	22	178	29		
11:30	98	11	102	14	200	25		
11:45	87	366	10	43	104	406	19	92
Total	2668	3514	2327	4465	4995	7979		
Percent	53.4%	44.0%	46.6%	56.0%				
Day Total		6182		6792		12974		
Peak Vol.	07:00	-	02:00	-	07:00	-	02:30	-
P.H.F.	632	-	488	-	556	-	713	-
	0.745	-	0.904	-	0.768	-	0.814	-



970 Ashley Boulevard  
 south of York Street  
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 Client: McMahon Associates/ A. Bleeker



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186597 A Volume  
 Site Code: TBA

Start Time	NB		SB		Combin ed		11/10/18 Sat						
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.							
12:00	9	116	22	107	31	223							
12:15	11	128	10	81	21	209							
12:30	5	114	7	104	12	218							
12:45	8	33 111	469	11 50	105	397	19 83 216 866						
01:00	3	89	6	124	9	213							
01:15	1	92	3	97	4	189							
01:30	3	98	8	71	11	169							
01:45	8	15 79	358	5 22	87	379	13 37 166 737						
02:00	5	101	5	90	10	191							
02:15	2	79	5	72	7	151							
02:30	2	99	7	111	9	210							
02:45	5	14 84	363	2 19	107	380	7 33 191 743						
03:00	4	85	1	94	5	179							
03:15	4	93	4	102	8	195							
03:30	1	77	2	105	3	182							
03:45	5	14 78	333	4 11	95	396	9 25 173 729						
04:00	4	77	3	85	7	162							
04:15	11	64	3	125	14	189							
04:30	13	86	7	76	20	162							
04:45	12	40 95	322	2 15	60	346	14 55 155 668						
05:00	16	101	4	66	20	167							
05:15	18	55	4	84	22	139							
05:30	28	69	15	89	43	158							
05:45	23	85 72	297	4 27	66	305	27 112 138 602						
06:00	30	64	15	103	45	167							
06:15	24	46	21	62	45	108							
06:30	31	51	16	74	47	125							
06:45	21	106 46	207	28 80	68	307	49 186 114 514						
07:00	19	49	28	49	47	98							
07:15	35	36	26	99	61	135							
07:30	45	30	40	48	85	78							
07:45	45	144 34	149	58 152	45	241	103 296 79 390						
08:00	49	41	66	38	115	79							
08:15	44	27	60	41	104	68							
08:30	52	23	56	37	108	60							
08:45	60	205 24	115	73 255	43	159	133 460 67 274						
09:00	69	31	67	36	136	67							
09:15	77	32	76	31	153	63							
09:30	96	22	94	38	190	60							
09:45	105	347 22	107	84 321	24	129	189 668 46 236						
10:00	107	33	91	28	198	61							
10:15	83	18	96	30	179	48							
10:30	93	20	100	33	193	53							
10:45	110	393 22	93	96 383	19	110	206 776 41 203						
11:00	109	12	114	32	223	44							
11:15	109	18	112	26	221	44							
11:30	125	14	101	15	226	29							
11:45	99	442 14	58	123 450	12	85	222 892 26 143						
Total	1838	2871	1785	3234	3623	6105							
Percent	50.7%	47.0%	49.3%	53.0%									
Day Total		4709		5019		9728							
Peak	10:45	-	12:00	-	11:00	-	12:00	-	-	-			
Vol.	453	-	469	-	450	-	430	-	892	-	866	-	-
P.H.F.	0.906		0.916		0.915		0.867		0.987		0.971		

970 Ashley Boulevard  
 south of York Street  
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186597 A Volume  
 Site Code: TBA

Start Time	NB		SB		Combin ed		11/11/18 Sun
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	
12:00	16	67	21	89	37	156	
12:15	10	81	14	81	24	162	
12:30	9	81	12	91	21	172	
12:45	3	38 92	321	12	59 97	358	15 97 189 679
01:00	8	77	17	81	25	158	
01:15	5	70	14	71	19	141	
01:30	7	57	4	66	11	123	
01:45	3	23 56	260	9	44 67	285	12 67 123 545
02:00	5	61	8	76	13	137	
02:15	8	61	2	65	10	126	
02:30	4	63	4	75	8	138	
02:45	4	21 73	258	2	16 67	283	6 37 140 541
03:00	2	44	3	76	5	120	
03:15	3	73	2	43	5	116	
03:30	5	55	4	63	9	118	
03:45	1	11 67	239	3	12 76	258	4 23 143 497
04:00	1	59	2	74	3	133	
04:15	8	59	1	85	9	144	
04:30	7	59	6	89	13	148	
04:45	5	21 71	248	4	13 66	314	9 34 137 562
05:00	4	65	1	78	5	143	
05:15	3	58	5	83	8	141	
05:30	10	61	6	82	16	143	
05:45	8	25 52	236	12	24 57	300	20 49 109 536
06:00	13	42	14	57	27	99	
06:15	16	50	18	49	34	99	
06:30	12	36	11	44	23	80	
06:45	20	61 52	180	22	65 55	205	42 126 107 385
07:00	10	40	24	39	34	79	
07:15	24	44	24	50	48	94	
07:30	25	38	26	44	51	82	
07:45	34	93 42	164	38	112 37	170	72 205 79 334
08:00	32	29	45	32	77	61	
08:15	39	21	55	39	94	60	
08:30	39	32	41	40	80	72	
08:45	42	152 29	111	68	209 24	135	110 361 53 246
09:00	50	22	59	24	109	46	
09:15	51	12	51	27	102	39	
09:30	76	16	60	20	136	36	
09:45	60	237 20	70	66	236 27	98	126 473 47 168
10:00	71	14	69	18	140	32	
10:15	71	18	70	19	141	37	
10:30	65	19	76	21	141	40	
10:45	59	266 15	66	82	297 17	75	141 563 32 141
11:00	72	10	67	15	139	25	
11:15	76	11	75	15	151	26	
11:30	101	11	63	12	164	23	
11:45	77	326 6	38	84	289 11	53	161 615 17 91
Total	1274	2191	1376	2534	2650	4725	
Percent	48.1%	46.4%	51.9%	53.6%			
Day Total		3465		3910		7375	
Peak	11:00	- 00:15	- 10:30	- 12:00	- 11:00	- 00:15	- - -
Vol.	326	- 331	- 300	- 358	- 615	- 681	- - -
P.H.F.	0.807	0.899	0.915	0.923	0.938	0.901	

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Volume  
 Site Code: TBA

Start Time	NB		SB		Combin ed		11/12/18 Mon							
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.								
12:00	3	71	5	81	8	152								
12:15	8	62	7	74	15	136								
12:30	4	74	5	80	9	154								
12:45	2	84	291	2	19	73	308	4	36	157	599			
01:00	1	89		3	81	4	170							
01:15	4	80		1	78	5	158							
01:30	6	69		2	96	8	165							
01:45	1	71	309	3	9	102	357	4	21	173	666			
02:00	1	76		2	90	3	166							
02:15	2	62		6	81	8	143							
02:30	3	76		5	86	8	162							
02:45	7	84	298	0	13	96	353	7	26	180	651			
03:00	5	77		1	80	6	157							
03:15	5	66		2	104	7	170							
03:30	2	54		2	95	4	149							
03:45	8	97	294	4	9	103	382	12	29	200	676			
04:00	10	75		0	130	10	205							
04:15	13	78		4	96	17	174							
04:30	11	67		3	134	14	201							
04:45	20	69	289	6	13	106	466	26	67	175	755			
05:00	31	62		7	86	38	148							
05:15	38	53		10	121	48	174							
05:30	27	66		13	90	40	156							
05:45	35	47	228	8	38	78	375	43	169	125	603			
06:00	36	61		4	83	40	144							
06:15	46	48		30	68	76	116							
06:30	44	47		38	78	82	125							
06:45	55	42	198	20	92	66	295	75	273	108	493			
07:00	37	46		34	63	71	109							
07:15	47	36		49	42	96	78							
07:30	47	27		38	47	85	74							
07:45	44	35	144	49	170	44	196	93	345	79	340			
08:00	33	30		48	42	81	72							
08:15	50	30		52	34	102	64							
08:30	46	30		50	28	96	58							
08:45	56	13	103	54	204	26	130	110	389	39	233			
09:00	48	22		51	26	99	48							
09:15	51	22		67	21	118	43							
09:30	67	18		67	20	134	38							
09:45	69	16	78	71	256	13	80	140	491	29	158			
10:00	71	22		86	16	157	38							
10:15	62	17		76	15	138	32							
10:30	78	22		48	18	126	40							
10:45	58	8	69	54	264	17	66	112	533	25	135			
11:00	65	7		91	18	156	25							
11:15	71	11		75	12	146	23							
11:30	92	8		79	12	171	20							
11:45	75	13	39	92	337	16	58	167	640	29	97			
Total	1595	2340		1424	3066	3019	5406							
Percent	52.8%	43.3%		47.2%	56.7%									
Day Total		3935		4490		8425								
Peak	11:00	-	00:30	-	11:00	-	04:00	-	11:00	-	03:45	-	-	-
Vol.	303	-	327	-	337	-	466	-	640	-	780	-	-	-
P.H.F.	0.823	-	0.919	-	0.916	-	0.869	-	0.936	-	0.951	-	-	-

970 Ashley Boulevard  
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186597 A Volume  
 Site Code: TBA

Start Time	NB		SB		Combin ed		11/13/18 Tue							
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.								
12:00	6	66	4	95	10	161								
12:15	1	66	5	80	6	146								
12:30	6	91	4	93	10	184								
12:45	3	16 92	315	4 17 95	363	7 33 187	678							
01:00	6	84	4	89	10	173								
01:15	1	74	3	96	4	170								
01:30	2	80	2	97	4	177								
01:45	2	11 86	324	2 11 97	379	4 22 183	703							
02:00	6	97	2	81	8	178								
02:15	2	129	2	96	4	225								
02:30	3	108	2	201	5	309								
02:45	6	17 122	456	3 9 143	521	9 26 265	977							
03:00	7	98	4	194	11	292								
03:15	4	108	3	169	7	277								
03:30	6	101	3	151	9	252								
03:45	9	26 109	416	0 10 142	656	9 36 251	1072							
04:00	16	103	2	121	18	224								
04:15	21	93	4	130	25	223								
04:30	26	74	7	116	33	190								
04:45	43	106 76	346	14 27 123	490	57 133 199	836							
05:00	48	86	10	108	58	194								
05:15	34	87	12	112	46	199								
05:30	36	84	16	105	52	189								
05:45	37	155 85	342	18 56 107	432	55 211 192	774							
06:00	42	94	11	82	53	176								
06:15	66	95	34	87	100	182								
06:30	66	65	42	102	108	167								
06:45	121	295 51	305	61 148 73	344	182 443 124	649							
07:00	192	44	151	69	343	113								
07:15	223	47	186	64	409	111								
07:30	110	54	162	65	272	119								
07:45	83	608 50	195	86 585 54	252	169 1193 104	447							
08:00	93	29	80	50	173	79								
08:15	81	49	79	31	160	80								
08:30	75	38	83	75	158	113								
08:45	77	326 16	132	80 322 56	212	157 648 72	344							
09:00	72	36	72	53	144	89								
09:15	61	30	69	24	130	54								
09:30	61	21	69	37	130	58								
09:45	59	253 20	107	91 301 21	135	150 554 41	242							
10:00	69	18	70	18	139	36								
10:15	72	8	73	11	145	19								
10:30	67	21	66	11	133	32								
10:45	77	285 10	57	89 298 14	54	166 583 24	111							
11:00	83	8	69	22	152	30								
11:15	62	13	74	14	136	27								
11:30	72	8	83	14	155	22								
11:45	67	284 12	41	89 315 15	65	156 599 27	106							
Total	2382	3036	2099	3903	4481	6939								
Percent	53.2%	43.8%	46.8%	56.2%										
Day Total		5418		6002		11420								
Peak Vol.	06:45	-	02:15	-	07:00	-	02:30	-	06:45	-	02:30	-	-	-
P.H.F.	0.724		0.886		0.786		0.879		0.737		0.925			

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186597 A Volume  
 Site Code: TBA

Start Time	NB		SB		Combined		11/14/18 Wed			
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.				
12:00	6	81	9	110	15	191				
12:15	4	89	8	104	12	193				
12:30	2	94	4	99	6	193				
12:45	4	16 97	361	9 30	84	397	13 46	181 758		
01:00	3	90	7	81	10	171				
01:15	4	90	5	101	9	191				
01:30	1	76	5	114	6	190				
01:45	2	10 104	360	2 19	93	389	4 29	197 749		
02:00	0	127	3	108	3	235				
02:15	4	128	1	121	5	249				
02:30	4	132	5	214	9	346				
02:45	4	12 114	501	1 10	108	551	5 22	222 1052		
03:00	7	108	2	188	9	296				
03:15	5	112	0	132	5	244				
03:30	7	115	3	149	10	264				
03:45	7	26 118	453	3 8	157	626	10 34	275 1079		
04:00	18	106	2	157	20	263				
04:15	38	74	6	146	44	220				
04:30	44	78	11	124	55	202				
04:45	44	144 85	343	14 33	151	578	58 177	236 921		
05:00	38	90	16	134	54	224				
05:15	50	92	12	128	62	220				
05:30	41	103 98	383	14 63	104	475	55 225	207 858		
05:45	33	72	18	131	64	203				
06:00	46	64	32	100	95	164				
06:15	63	52	43	93	114	145				
06:30	71	305 53	241	67 160	81	405	192 465	134 646		
06:45	125	63	154	103	364	166				
07:00	210	55	199	108	399	163				
07:15	200	53	142	41	272	94				
07:30	130	652 38	209	89 584	40	292	201 1236	78 501		
07:45	112	37	72	44	156	81				
08:00	84	23	87	43	163	66				
08:15	76	38	85	37	167	75				
08:30	82	313 37	135	66 310	42	166	137 623	79 301		
08:45	71	31	89	27	171	58				
09:00	82	30	82	22	166	52				
09:15	84	19	85	31	163	50				
09:30	78	312 20	100	89 345	21	101	157 657	41 201		
09:45	68	16	80	16	157	32				
10:00	77	17	94	20	176	37				
10:15	82	18	89	22	160	40				
10:30	71	299 13	64	85 348	18	76	154 647	31 140		
10:45	69	12	87	32	172	44				
11:00	85	11	88	21	165	32				
11:15	77	12	93	10	190	22				
11:30	97	334 12	47	92 360	11	74	167 694	23 121		
11:45	75									
Total	2585	3197	2270	4130	4855	7327				
Percent	53.2%	43.6%	46.8%	56.4%						
Day Total		5782		6400		12182				
Peak Vol.	06:45	-	02:00	-	07:00	-	02:15	-	-	-
P.H.F.	0.792	-	0.949	-	0.734	-	0.774	-	0.804	-



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186597 A Class  
 Site Code: TBA

NB

Start Time	Cycles	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
11/09/1														
8	0	14	3	0	0	0	0	0	0	0	0	0	0	17
01:00	0	12	0	0	0	0	0	0	0	0	0	0	0	12
02:00	0	7	2	0	2	0	0	0	0	0	0	0	0	11
03:00	0	22	4	2	1	0	0	0	0	0	0	0	0	29
04:00	0	82	35	2	15	1	0	0	0	0	0	0	0	135
05:00	0	115	41	0	7	0	0	0	2	0	0	0	0	165
06:00	0	202	61	3	7	1	0	1	0	0	0	0	0	275
07:00	5	540	70	9	5	2	0	1	0	0	0	0	0	632
08:00	1	271	64	2	10	3	0	2	0	0	0	0	0	353
09:00	0	267	55	0	9	2	0	0	0	0	0	0	0	333
10:00	0	271	58	3	6	0	0	1	0	1	0	0	0	340
11:00	2	294	51	0	12	5	0	0	2	0	0	0	0	366
12 PM	2	318	64	3	11	1	0	0	1	0	0	0	0	400
13:00	2	304	59	14	10	2	0	3	0	1	0	0	0	395
14:00	5	387	55	21	12	6	0	0	1	1	0	0	0	488
15:00	2	374	75	4	10	4	0	2	0	1	0	0	0	472
16:00	0	332	73	3	14	6	0	1	0	0	0	0	0	429
17:00	5	329	50	5	8	1	0	1	1	0	0	0	0	400
18:00	1	228	44	0	3	1	0	0	0	0	0	0	0	277
19:00	2	169	26	1	3	0	0	0	0	0	0	0	0	201
20:00	0	122	33	1	2	0	0	0	0	0	0	0	0	158
21:00	0	110	17	0	1	0	0	0	0	0	0	0	0	128
22:00	0	113	7	2	1	0	0	0	0	0	0	0	0	123
23:00	0	35	7	1	0	0	0	0	0	0	0	0	0	43
Total	27	4918	954	76	149	35	0	12	7	4	0	0	0	6182
Percent	0.4%	79.6%	15.4%	1.2%	2.4%	0.6%	0.0%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	07:00	04:00	11:00		08:00	05:00	10:00				07:00
Vol.	5	540	70	9	15	5		2	2	1				632
PM Peak	14:00	14:00	15:00	14:00	16:00	14:00		13:00	12:00	13:00				14:00
Vol.	5	387	75	21	14	6		3	1	1				488

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186597 A Class  
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NB

Start Time	Cycles	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
11/10/1														
8	0	30	3	0	0	0	0	0	0	0	0	0	0	33
01:00	0	13	1	0	1	0	0	0	0	0	0	0	0	15
02:00	0	11	1	0	2	0	0	0	0	0	0	0	0	14
03:00	0	10	3	0	1	0	0	0	0	0	0	0	0	14
04:00	0	30	6	2	2	0	0	0	0	0	0	0	0	40
05:00	0	62	17	0	5	0	0	0	0	1	0	0	0	85
06:00	0	76	23	2	5	0	0	0	0	0	0	0	0	106
07:00	0	108	23	1	9	0	0	0	0	3	0	0	0	144
08:00	0	153	40	0	9	1	0	1	0	1	0	0	0	205
09:00	1	280	56	0	9	0	0	1	0	0	0	0	0	347
10:00	2	314	57	0	17	3	0	0	0	0	0	0	0	393
11:00	1	358	70	1	11	0	0	1	0	0	0	0	0	442
12 PM	2	389	64	1	11	1	0	1	0	0	0	0	0	469
13:00	2	303	43	0	10	0	0	0	0	0	0	0	0	358
14:00	3	293	52	0	13	2	0	0	0	0	0	0	0	363
15:00	0	286	43	0	4	0	0	0	0	0	0	0	0	333
16:00	0	264	45	1	11	1	0	0	0	0	0	0	0	322
17:00	0	255	38	0	4	0	0	0	0	0	0	0	0	297
18:00	0	184	21	0	2	0	0	0	0	0	0	0	0	207
19:00	1	128	18	0	2	0	0	0	0	0	0	0	0	149
20:00	0	99	15	0	1	0	0	0	0	0	0	0	0	115
21:00	0	87	19	0	0	0	0	1	0	0	0	0	0	107
22:00	0	83	10	0	0	0	0	0	0	0	0	0	0	93
23:00	0	49	8	0	1	0	0	0	0	0	0	0	0	58
Total	12	3865	676	8	130	8	0	5	0	5	0	0	0	4709
Percent	0.3%	82.1%	14.4%	0.2%	2.8%	0.2%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	11:00	04:00	10:00	10:00		08:00		07:00				11:00
Vol.	2	358	70	2	17	3		1		3				442
PM Peak	14:00	12:00	12:00	12:00	14:00	14:00		12:00						12:00
Vol.	3	389	64	1	13	2		1						469

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NB

Start Time	Cycles	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
11/11/1														
8	1	31	6	0	0	0	0	0	0	0	0	0	0	38
01:00	0	21	2	0	0	0	0	0	0	0	0	0	0	23
02:00	0	17	3	0	1	0	0	0	0	0	0	0	0	21
03:00	0	10	0	1	0	0	0	0	0	0	0	0	0	11
04:00	0	17	1	1	2	0	0	0	0	0	0	0	0	21
05:00	0	20	5	0	0	0	0	0	0	0	0	0	0	25
06:00	0	43	14	0	1	1	0	0	0	2	0	0	0	61
07:00	0	77	15	0	1	0	0	0	0	0	0	0	0	93
08:00	1	121	23	0	5	2	0	0	0	0	0	0	0	152
09:00	0	174	56	1	6	0	0	0	0	0	0	0	0	237
10:00	0	223	34	0	9	0	0	0	0	0	0	0	0	266
11:00	0	262	55	0	9	0	0	0	0	0	0	0	0	326
12 PM	1	271	44	1	4	0	0	0	0	0	0	0	0	321
13:00	3	209	35	0	12	0	0	1	0	0	0	0	0	260
14:00	4	212	34	0	6	1	0	1	0	0	0	0	0	258
15:00	2	201	33	0	3	0	0	0	0	0	0	0	0	239
16:00	0	208	33	0	6	1	0	0	0	0	0	0	0	248
17:00	0	193	38	0	5	0	0	0	0	0	0	0	0	236
18:00	1	150	26	0	3	0	0	0	0	0	0	0	0	180
19:00	0	141	21	0	1	1	0	0	0	0	0	0	0	164
20:00	0	95	13	0	3	0	0	0	0	0	0	0	0	111
21:00	0	62	7	0	1	0	0	0	0	0	0	0	0	70
22:00	0	59	5	1	1	0	0	0	0	0	0	0	0	66
23:00	0	35	3	0	0	0	0	0	0	0	0	0	0	38
Total	13	2852	506	5	79	6	0	2	0	2	0	0	0	3465
Percent	0.4%	82.3%	14.6%	0.1%	2.3%	0.2%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	
AM Peak	00:00	11:00	09:00	03:00	10:00	08:00				06:00				11:00
Vol.	1	262	56	1	9	2				2				326
PM Peak	14:00	12:00	12:00	12:00	13:00	14:00		13:00						12:00
Vol.	4	271	44	1	12	1		1						321

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NB

Start Time	Cycles	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
11/12/1														
8	0	14	3	0	0	0	0	0	0	0	0	0	0	17
01:00	0	10	1	0	1	0	0	0	0	0	0	0	0	12
02:00	0	10	2	0	1	0	0	0	0	0	0	0	0	13
03:00	0	11	3	3	2	0	0	0	0	1	0	0	0	20
04:00	0	36	11	0	6	1	0	0	0	0	0	0	0	54
05:00	0	88	35	1	7	0	0	0	0	0	0	0	0	131
06:00	2	134	34	3	7	0	0	1	0	0	0	0	0	181
07:00	0	135	24	4	10	2	0	0	0	0	0	0	0	175
08:00	0	144	27	1	10	1	0	2	0	0	0	0	0	185
09:00	0	194	26	4	10	0	0	0	1	0	0	0	0	235
10:00	1	221	38	0	9	0	0	0	0	0	0	0	0	269
11:00	0	244	44	0	12	0	0	2	1	0	0	0	0	303
12 PM	2	230	44	2	12	1	0	0	0	0	0	0	0	291
13:00	3	244	50	3	8	0	0	0	0	1	0	0	0	309
14:00	0	238	48	3	7	1	0	1	0	0	0	0	0	298
15:00	2	244	38	0	9	1	0	0	0	0	0	0	0	294
16:00	3	233	42	0	11	0	0	0	0	0	0	0	0	289
17:00	1	180	41	0	6	0	0	0	0	0	0	0	0	228
18:00	0	167	28	1	2	0	0	0	0	0	0	0	0	198
19:00	1	129	12	0	2	0	0	0	0	0	0	0	0	144
20:00	0	84	18	0	1	0	0	0	0	0	0	0	0	103
21:00	0	65	12	0	1	0	0	0	0	0	0	0	0	78
22:00	0	64	5	0	0	0	0	0	0	0	0	0	0	69
23:00	0	37	1	1	0	0	0	0	0	0	0	0	0	39
Total	15	3156	587	26	134	7	0	6	2	2	0	0	0	3935
Percent	0.4%	80.2%	14.9%	0.7%	3.4%	0.2%	0.0%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	06:00	11:00	11:00	07:00	11:00	07:00		08:00	09:00	03:00				11:00
Vol.	2	244	44	4	12	2		2	1	1				303
PM Peak	13:00	13:00	13:00	13:00	12:00	12:00		14:00		13:00				13:00
Vol.	3	244	50	3	12	1		1		1				309

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Class  
 Site Code: TBA

NB

Start Time	Cycles	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
11/13/1														
8	0	15	0	0	0	0	0	0	0	1	0	0	0	16
01:00	0	11	0	0	0	0	0	0	0	0	0	0	0	11
02:00	0	12	3	1	1	0	0	0	0	0	0	0	0	17
03:00	0	15	9	0	2	0	0	0	0	0	0	0	0	26
04:00	0	67	24	1	13	0	0	0	1	0	0	0	0	106
05:00	0	108	38	2	7	0	0	0	0	0	0	0	0	155
06:00	0	230	57	2	3	3	0	0	0	0	0	0	0	295
07:00	4	516	67	6	8	5	0	1	1	0	0	0	0	608
08:00	0	262	54	2	4	2	0	2	0	0	0	0	0	326
09:00	0	185	53	2	12	0	0	0	1	0	0	0	0	253
10:00	2	209	56	1	14	2	0	1	0	0	0	0	0	285
11:00	0	206	49	2	22	4	0	1	0	0	0	0	0	284
12 PM	3	234	59	3	13	2	0	0	1	0	0	0	0	315
13:00	1	233	53	17	14	4	0	0	1	1	0	0	0	324
14:00	2	354	69	16	12	2	0	0	1	0	0	0	0	456
15:00	0	336	55	7	16	1	0	1	0	0	0	0	0	416
16:00	7	260	62	4	10	2	0	0	0	1	0	0	0	346
17:00	2	270	58	1	11	0	0	0	0	0	0	0	0	342
18:00	0	240	44	4	16	1	0	0	0	0	0	0	0	305
19:00	0	153	34	2	6	0	0	0	0	0	0	0	0	195
20:00	0	111	17	0	3	1	0	0	0	0	0	0	0	132
21:00	0	85	21	0	1	0	0	0	0	0	0	0	0	107
22:00	0	49	6	0	2	0	0	0	0	0	0	0	0	57
23:00	0	37	3	1	0	0	0	0	0	0	0	0	0	41
Total	21	4198	891	74	190	29	0	6	6	3	0	0	0	5418
Percent	0.4%	77.5%	16.4%	1.4%	3.5%	0.5%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	07:00	11:00	07:00		08:00	04:00	00:00				07:00
Vol.	4	516	67	6	22	5		2	1	1				608
PM Peak	16:00	14:00	14:00	13:00	15:00	13:00		15:00	12:00	13:00				14:00
Vol.	7	354	69	17	16	4		1	1	1				456



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NB

Start Time	Cycles	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
11/14/1														
8	0	12	4	0	0	0	0	0	0	0	0	0	0	16
01:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
02:00	0	8	2	1	1	0	0	0	0	0	0	0	0	12
03:00	0	18	6	2	0	0	0	0	0	0	0	0	0	26
04:00	0	84	41	0	19	0	0	0	0	0	0	0	0	144
05:00	0	99	46	3	14	0	0	0	0	0	0	0	0	162
06:00	1	230	62	4	8	0	0	0	0	0	0	0	0	305
07:00	4	528	83	14	19	2	0	2	0	0	0	0	0	652
08:00	0	237	58	2	14	1	0	0	1	0	0	0	0	313
09:00	1	224	66	2	18	1	0	0	0	0	0	0	0	312
10:00	0	232	53	1	12	1	0	0	0	0	0	0	0	299
11:00	1	258	53	2	17	3	0	0	0	0	0	0	0	334
12 PM	3	264	67	3	17	4	0	2	1	0	0	0	0	361
13:00	2	273	55	14	16	0	0	0	0	0	0	0	0	360
14:00	1	373	78	24	22	3	0	0	0	0	0	0	0	501
15:00	1	363	64	7	16	1	0	0	0	1	0	0	0	453
16:00	1	269	61	2	9	0	0	1	0	0	0	0	0	343
17:00	2	293	59	5	21	1	0	1	1	0	0	0	0	383
18:00	0	184	37	1	17	1	0	1	0	0	0	0	0	241
19:00	1	162	37	1	6	1	0	0	1	0	0	0	0	209
20:00	0	104	25	1	3	1	0	1	0	0	0	0	0	135
21:00	0	79	19	0	2	0	0	0	0	0	0	0	0	100
22:00	1	56	7	0	0	0	0	0	0	0	0	0	0	64
23:00	0	41	2	1	3	0	0	0	0	0	0	0	0	47
Total	19	4400	986	90	254	20	0	8	4	1	0	0	0	5782
Percent	0.3%	76.1%	17.1%	1.6%	4.4%	0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	07:00	04:00	11:00		07:00	08:00					07:00
Vol.	4	528	83	14	19	3		2	1					652
PM Peak	12:00	14:00	14:00	14:00	14:00	12:00		12:00	12:00	15:00				14:00
Vol.	3	373	78	24	22	4		2	1	1				501

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SB

Start Time	Cycles	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
11/09/1														
8	0	29	4	0	3	0	0	0	0	0	0	0	0	36
01:00	0	13	2	0	1	0	0	0	0	0	0	0	0	16
02:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9
03:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9
04:00	0	19	5	0	4	0	0	0	0	0	0	0	0	28
05:00	1	44	14	1	2	2	0	0	0	0	0	0	0	64
06:00	0	104	29	3	19	1	0	1	0	0	0	0	0	157
07:00	2	419	84	29	18	2	0	1	1	0	0	0	0	556
08:00	1	240	78	7	27	1	0	0	0	0	0	0	0	354
09:00	2	241	71	4	29	2	0	0	1	0	0	0	0	350
10:00	0	262	58	0	21	0	0	0	1	0	0	0	0	342
11:00	2	302	62	4	35	0	0	1	0	0	0	0	0	406
12 PM	1	310	91	3	25	1	0	1	0	0	0	0	0	432
13:00	4	310	68	3	24	0	0	2	0	0	0	0	0	411
14:00	6	495	80	18	30	4	0	1	0	0	0	0	0	634
15:00	5	451	106	3	39	3	0	1	1	0	0	0	0	609
16:00	2	443	95	1	44	3	0	2	0	0	0	0	0	590
17:00	2	459	73	5	24	1	0	2	0	0	0	0	0	566
18:00	0	292	73	6	23	2	0	2	0	0	0	0	0	398
19:00	2	203	37	3	14	1	0	0	0	0	0	0	0	260
20:00	0	163	22	2	5	1	0	0	0	0	0	0	0	193
21:00	0	117	13	0	4	0	0	0	0	0	0	0	0	134
22:00	0	117	16	2	11	0	0	0	0	0	0	0	0	146
23:00	0	76	9	0	7	0	0	0	0	0	0	0	0	92
Total	30	5121	1094	94	411	24	0	14	4	0	0	0	0	6792
Percent	0.4%	75.4%	16.1%	1.4%	6.1%	0.4%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	07:00	11:00	05:00		06:00	07:00					07:00
Vol.	2	419	84	29	35	2		1	1					556
PM Peak	14:00	14:00	15:00	14:00	16:00	14:00		13:00	15:00					14:00
Vol.	6	495	106	18	44	4		2	1					634

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SB

Start Time	Cycles	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
11/10/1														
8	0	47	3	0	0	0	0	0	0	0	0	0	0	50
01:00	0	21	1	0	0	0	0	0	0	0	0	0	0	22
02:00	0	18	1	0	0	0	0	0	0	0	0	0	0	19
03:00	0	7	3	0	0	0	0	0	0	1	0	0	0	11
04:00	0	10	2	0	2	1	0	0	0	0	0	0	0	15
05:00	0	21	4	0	2	0	0	0	0	0	0	0	0	27
06:00	1	53	17	0	7	0	0	1	0	1	0	0	0	80
07:00	0	114	25	1	11	0	0	0	0	1	0	0	0	152
08:00	0	183	48	0	21	1	0	2	0	0	0	0	0	255
09:00	1	242	55	0	22	0	0	1	0	0	0	0	0	321
10:00	3	288	58	0	34	0	0	0	0	0	0	0	0	383
11:00	1	334	82	0	31	1	0	1	0	0	0	0	0	450
12 PM	0	302	73	1	19	1	0	1	0	0	0	0	0	397
13:00	1	295	58	0	23	1	0	1	0	0	0	0	0	379
14:00	3	295	65	0	16	1	0	0	0	0	0	0	0	380
15:00	2	319	52	1	21	0	0	1	0	0	0	0	0	396
16:00	1	263	62	0	19	1	0	0	0	0	0	0	0	346
17:00	0	246	40	3	15	1	0	0	0	0	0	0	0	305
18:00	0	240	47	0	20	0	0	0	0	0	0	0	0	307
19:00	0	203	27	0	10	0	0	1	0	0	0	0	0	241
20:00	0	130	18	2	9	0	0	0	0	0	0	0	0	159
21:00	1	103	18	0	7	0	0	0	0	0	0	0	0	129
22:00	0	89	19	0	2	0	0	0	0	0	0	0	0	110
23:00	0	75	6	0	4	0	0	0	0	0	0	0	0	85
Total	14	3898	784	8	295	8	0	9	0	3	0	0	0	5019
Percent	0.3%	77.7%	15.6%	0.2%	5.9%	0.2%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	11:00	07:00	10:00	04:00		08:00		03:00				11:00
Vol.	3	334	82	1	34	1		2		1				450
PM Peak	14:00	15:00	12:00	17:00	13:00	12:00		12:00						12:00
Vol.	3	319	73	3	23	1		1						397

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SB

Start Time	Cycles	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
11/11/1														
8	1	51	6	0	1	0	0	0	0	0	0	0	0	59
01:00	0	36	5	0	2	0	0	1	0	0	0	0	0	44
02:00	0	14	2	0	0	0	0	0	0	0	0	0	0	16
03:00	0	12	0	0	0	0	0	0	0	0	0	0	0	12
04:00	0	9	2	0	2	0	0	0	0	0	0	0	0	13
05:00	0	20	4	0	0	0	0	0	0	0	0	0	0	24
06:00	0	40	19	0	6	0	0	0	0	0	0	0	0	65
07:00	0	74	27	1	9	0	0	1	0	0	0	0	0	112
08:00	0	154	37	1	16	1	0	0	0	0	0	0	0	209
09:00	0	168	44	3	19	1	0	1	0	0	0	0	0	236
10:00	4	223	49	0	21	0	0	0	0	0	0	0	0	297
11:00	0	207	53	0	26	0	0	3	0	0	0	0	0	289
12 PM	1	268	66	1	20	1	0	1	0	0	0	0	0	358
13:00	1	216	54	1	12	1	0	0	0	0	0	0	0	285
14:00	1	233	32	0	16	1	0	0	0	0	0	0	0	283
15:00	2	208	30	0	16	0	0	2	0	0	0	0	0	258
16:00	2	253	46	0	13	0	0	0	0	0	0	0	0	314
17:00	0	243	43	0	14	0	0	0	0	0	0	0	0	300
18:00	0	164	30	0	11	0	0	0	0	0	0	0	0	205
19:00	1	141	22	0	6	0	0	0	0	0	0	0	0	170
20:00	0	114	14	0	7	0	0	0	0	0	0	0	0	135
21:00	0	85	9	0	3	1	0	0	0	0	0	0	0	98
22:00	0	70	3	0	2	0	0	0	0	0	0	0	0	75
23:00	0	43	9	0	1	0	0	0	0	0	0	0	0	53
Total	13	3046	606	7	223	6	0	9	0	0	0	0	0	3910
Percent	0.3%	77.9%	15.5%	0.2%	5.7%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	10:00	11:00	09:00	11:00	08:00		11:00						10:00
Vol.	4	223	53	3	26	1		3						297
PM Peak	15:00	12:00	12:00	12:00	12:00	12:00		15:00						12:00
Vol.	2	268	66	1	20	1		2						358

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SB

Start Time	Cycles	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
11/12/1														
8	0	16	2	0	1	0	0	0	0	0	0	0	0	19
01:00	0	7	0	0	2	0	0	0	0	0	0	0	0	9
02:00	0	13	0	0	0	0	0	0	0	0	0	0	0	13
03:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
04:00	0	9	3	0	1	0	0	0	0	0	0	0	0	13
05:00	0	26	8	0	4	0	0	0	0	0	0	0	0	38
06:00	0	63	19	0	9	0	0	1	0	0	0	0	0	92
07:00	1	99	45	1	19	3	0	1	1	0	0	0	0	170
08:00	0	136	45	1	21	0	0	1	0	0	0	0	0	204
09:00	1	174	51	1	27	1	0	1	0	0	0	0	0	256
10:00	0	187	49	0	25	0	0	2	1	0	0	0	0	264
11:00	1	250	49	1	34	0	0	2	0	0	0	0	0	337
12 PM	2	230	46	2	24	4	0	0	0	0	0	0	0	308
13:00	5	264	65	2	20	0	0	1	0	0	0	0	0	357
14:00	0	269	53	3	24	0	0	4	0	0	0	0	0	353
15:00	3	290	52	2	35	0	0	0	0	0	0	0	0	382
16:00	3	347	78	1	36	1	0	0	0	0	0	0	0	466
17:00	2	292	46	0	34	0	0	1	0	0	0	0	0	375
18:00	0	228	45	2	20	0	0	0	0	0	0	0	0	295
19:00	0	161	25	0	9	0	0	1	0	0	0	0	0	196
20:00	0	109	17	1	2	0	0	1	0	0	0	0	0	130
21:00	0	67	10	0	3	0	0	0	0	0	0	0	0	80
22:00	0	60	4	0	2	0	0	0	0	0	0	0	0	66
23:00	0	51	6	0	1	0	0	0	0	0	0	0	0	58
Total	18	3355	720	17	353	9	0	16	2	0	0	0	0	4490
Percent	0.4%	74.7%	16.0%	0.4%	7.9%	0.2%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	11:00	09:00	07:00	11:00	07:00		10:00	07:00					11:00
Vol.	1	250	51	1	34	3		2	1					337
PM Peak	13:00	16:00	16:00	14:00	16:00	12:00		14:00						16:00
Vol.	5	347	78	3	36	4		4						466



970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Class  
 Site Code: TBA

SB

Start Time	Cycles	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
11/13/1														
8	0	15	2	0	0	0	0	0	0	0	0	0	0	17
01:00	0	11	0	0	0	0	0	0	0	0	0	0	0	11
02:00	0	5	3	0	1	0	0	0	0	0	0	0	0	9
03:00	0	4	5	0	0	0	0	0	1	0	0	0	0	10
04:00	0	22	3	0	2	0	0	0	0	0	0	0	0	27
05:00	0	34	15	0	7	0	0	0	0	0	0	0	0	56
06:00	0	101	30	3	13	1	0	0	0	0	0	0	0	148
07:00	4	443	84	28	23	3	0	0	0	0	0	0	0	585
08:00	1	218	69	7	25	1	0	0	1	0	0	0	0	322
09:00	1	210	70	1	17	0	0	2	0	0	0	0	0	301
10:00	0	205	56	4	30	3	0	0	0	0	0	0	0	298
11:00	2	221	64	0	24	3	0	1	0	0	0	0	0	315
12 PM	3	254	66	2	33	4	0	0	1	0	0	0	0	363
13:00	1	279	73	3	20	2	0	0	1	0	0	0	0	379
14:00	3	404	83	8	19	3	0	0	1	0	0	0	0	521
15:00	1	500	103	4	47	0	0	1	0	0	0	0	0	656
16:00	2	384	63	7	33	1	0	0	0	0	0	0	0	490
17:00	0	340	56	4	32	0	0	0	0	0	0	0	0	432
18:00	1	281	40	4	18	0	0	0	0	0	0	0	0	344
19:00	0	198	38	1	14	0	0	1	0	0	0	0	0	252
20:00	0	160	36	0	16	0	0	0	0	0	0	0	0	212
21:00	0	110	18	0	7	0	0	0	0	0	0	0	0	135
22:00	0	47	6	0	1	0	0	0	0	0	0	0	0	54
23:00	0	59	3	0	3	0	0	0	0	0	0	0	0	65
Total	19	4505	986	76	385	21	0	5	5	0	0	0	0	6002
Percent	0.3%	75.1%	16.4%	1.3%	6.4%	0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	07:00	10:00	07:00		09:00	03:00					07:00
Vol.	4	443	84	28	30	3		2	1					585
PM Peak	12:00	15:00	15:00	14:00	15:00	12:00		15:00	12:00					15:00
Vol.	3	500	103	8	47	4		1	1					656

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186597 A Class  
 Site Code: TBA

SB

Start Time	Cycles	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
11/14/1														
8	0	27	2	0	1	0	0	0	0	0	0	0	0	30
01:00	0	18	1	0	0	0	0	0	0	0	0	0	0	19
02:00	0	7	2	0	1	0	0	0	0	0	0	0	0	10
03:00	0	4	4	0	0	0	0	0	0	0	0	0	0	8
04:00	0	22	6	0	5	0	0	0	0	0	0	0	0	33
05:00	0	36	21	0	6	0	0	0	0	0	0	0	0	63
06:00	0	117	25	0	15	2	0	1	0	0	0	0	0	160
07:00	1	447	80	27	27	1	0	1	0	0	0	0	0	584
08:00	0	201	76	9	22	0	0	1	1	0	0	0	0	310
09:00	1	251	60	1	27	4	0	0	1	0	0	0	0	345
10:00	3	257	57	3	24	2	0	2	0	0	0	0	0	348
11:00	2	269	54	2	30	1	0	1	1	0	0	0	0	360
12 PM	2	297	64	6	27	0	0	0	0	1	0	0	0	397
13:00	0	293	72	4	19	0	0	1	0	0	0	0	0	389
14:00	3	429	69	12	35	2	0	1	0	0	0	0	0	551
15:00	1	485	92	4	41	1	0	2	0	0	0	0	0	626
16:00	1	414	98	9	54	1	0	1	0	0	0	0	0	578
17:00	0	373	65	4	33	0	0	0	0	0	0	0	0	475
18:00	0	311	63	6	24	0	0	1	0	0	0	0	0	405
19:00	1	232	40	3	15	1	0	0	0	0	0	0	0	292
20:00	0	133	19	1	13	0	0	0	0	0	0	0	0	166
21:00	0	84	13	0	3	0	0	1	0	0	0	0	0	101
22:00	0	67	6	0	3	0	0	0	0	0	0	0	0	76
23:00	0	60	9	0	5	0	0	0	0	0	0	0	0	74
Total	15	4834	998	91	430	15	0	13	3	1	0	0	0	6400
Percent	0.2%	75.5%	15.6%	1.4%	6.7%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	07:00	07:00	07:00	11:00	09:00		10:00	08:00					07:00
Vol.	3	447	80	27	30	4		2	1					584
PM Peak	14:00	15:00	16:00	14:00	16:00	14:00		15:00		12:00				15:00
Vol.	3	485	98	12	54	2		2		1				626

970 Ashley Boulevard  
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186597 A Speed  
 Site Code: TBA

NB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
11/09/														9999		
18	0	0	0	2	2	7	5	0	1	0	0	0	0	17	42	38
01:00	0	0	0	1	3	2	2	4	0	0	0	0	0	12	46	39
02:00	0	0	0	0	0	5	3	3	0	0	0	0	0	11	46	41
03:00	0	0	1	0	5	13	6	4	0	0	0	0	0	29	43	38
04:00	0	1	2	2	11	52	56	7	0	3	1	0	0	135	43	39
05:00	0	3	3	7	18	66	49	15	3	1	0	0	0	165	43	38
06:00	1	1	2	9	54	122	69	11	5	1	0	0	0	275	42	37
07:00	1	7	6	47	261	229	68	10	2	0	0	0	1	632	38	35
08:00	1	4	13	52	109	134	33	6	0	1	0	0	0	353	38	34
09:00	0	13	31	40	93	114	34	8	0	0	0	0	0	333	38	33
10:00	0	18	36	39	102	106	33	5	1	0	0	0	0	340	38	32
11:00	1	13	43	58	120	98	29	3	1	0	0	0	0	366	37	32
12 PM	2	19	24	73	153	107	21	1	0	0	0	0	0	400	37	32
13:00	1	10	27	71	172	97	16	1	0	0	0	0	0	395	36	32
14:00	4	26	89	138	159	57	11	2	2	0	0	0	0	488	33	29
15:00	0	20	46	95	171	107	29	3	1	0	0	0	0	472	37	31
16:00	4	22	41	107	147	97	11	0	0	0	0	0	0	429	36	30
17:00	2	20	55	107	157	51	7	1	0	0	0	0	0	400	33	29
18:00	0	7	15	43	100	94	15	1	2	0	0	0	0	277	37	33
19:00	1	4	7	33	76	59	18	3	0	0	0	0	0	201	38	33
20:00	0	1	6	15	56	62	16	2	0	0	0	0	0	158	38	34
21:00	1	2	6	14	40	50	12	3	0	0	0	0	0	128	38	34
22:00	0	1	4	13	49	39	15	2	0	0	0	0	0	123	38	34
23:00	0	1	0	4	15	16	5	2	0	0	0	0	0	43	39	35
Total	19	193	457	970	2073	1784	563	97	18	6	1	0	1	6182		
%	0.3%	3.1%	7.4%	15.7%	33.5%	28.9%	9.1%	1.6%	0.3%	0.1%	0.0%	0.0%	0.0%			
AM Peak	06:00	10:00	11:00	11:00	07:00	07:00	06:00	05:00	06:00	04:00	04:00		07:00	07:00		
Vol.	1	18	43	58	261	229	69	15	5	3	1		1	632		
PM Peak	14:00	14:00	14:00	14:00	13:00	12:00	15:00	15:00	14:00					14:00		
Vol.	4	26	89	138	172	107	29	3	2					488		

Stats  
 15th Percentile : 25 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 42 MPH

Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 3857  
 Percent in Pace : 62.4%  
 Number of Vehicles > 35 MPH : 2113  
 Percent of Vehicles > 35 MPH : 34.2%

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
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186597 A Speed  
 Site Code: TBA

NB

Start Time	14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
11/10/18	1	2	1	2	9	13	5	0	0	0	0	0	0	33	39	33
01:00	0	0	0	0	8	4	2	0	1	0	0	0	0	15	40	36
02:00	0	0	0	1	4	4	5	0	0	0	0	0	0	14	41	37
03:00	0	0	0	1	6	2	3	2	0	0	0	0	0	14	43	37
04:00	0	1	0	2	5	11	15	6	0	0	0	0	0	40	44	39
05:00	0	0	2	7	10	31	20	<b>11</b>	<b>4</b>	0	0	0	0	85	45	38
06:00	0	0	0	7	26	44	25	2	2	0	0	0	0	106	41	37
07:00	2	1	5	13	49	51	19	3	1	0	0	0	0	144	39	34
08:00	0	7	17	17	67	76	18	3	0	0	0	0	0	205	38	33
09:00	<b>4</b>	<b>16</b>	<b>34</b>	<b>48</b>	<b>124</b>	<b>108</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>347</b>	<b>37</b>	<b>31</b>
10:00	4	<b>24</b>	<b>47</b>	<b>71</b>	<b>113</b>	<b>95</b>	<b>34</b>	5	0	0	0	0	0	393	37	31
11:00	1	17	38	68	<b>157</b>	<b>132</b>	24	4	0	0	<b>1</b>	0	0	<b>442</b>	37	32
12 PM	2	16	<b>38</b>	<b>66</b>	<b>194</b>	126	24	3	0	0	0	0	0	<b>469</b>	37	32
13:00	<b>6</b>	<b>18</b>	35	63	97	111	23	5	0	0	0	0	0	358	37	31
14:00	0	12	22	43	105	140	36	4	1	0	0	0	0	363	38	33
15:00	1	5	19	28	84	<b>146</b>	<b>44</b>	6	0	0	0	0	0	333	39	34
16:00	0	9	14	33	94	135	33	2	1	<b>1</b>	0	0	0	322	38	34
17:00	0	2	14	48	110	99	22	1	1	0	0	0	0	297	37	33
18:00	0	4	4	27	67	69	31	5	0	0	0	0	0	207	39	34
19:00	0	2	1	13	37	68	19	<b>8</b>	1	0	0	0	0	149	40	36
20:00	0	0	5	8	32	47	21	2	0	0	0	0	0	115	40	35
21:00	0	1	0	6	40	40	19	1	0	0	0	0	0	107	40	35
22:00	0	1	1	10	25	37	16	1	<b>2</b>	0	0	0	0	93	40	35
23:00	0	0	2	7	11	21	8	7	2	0	0	0	0	58	44	37
Total	21	138	299	589	1474	1610	479	81	16	1	1	0	0	4709		
%	0.4%	2.9%	6.3%	12.5%	31.3%	34.2%	10.2%	1.7%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	10:00	10:00	10:00	11:00	11:00	10:00	05:00	05:00			11:00		11:00		
Vol.	4	24	47	71	157	132	34	11	4			1		442		
PM Peak	13:00	13:00	12:00	12:00	12:00	15:00	15:00	19:00	22:00	16:00				12:00		
Vol.	6	18	38	66	194	146	44	8	2	1				469		

Stats

15th Percentile : 26 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 42 MPH

Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 3084  
 Percent in Pace : 65.5%  
 Number of Vehicles > 35 MPH : 1866  
 Percent of Vehicles > 35 MPH : 39.6%

970 Ashley Boulevard  
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186597 A Speed  
 Site Code: TBA

NB

Start Time	14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
11/11/18	0	0	0	4	7	16	9	2	0	0	0	0	0	38	41	37
01:00	0	0	2	2	7	7	4	1	0	0	0	0	0	23	40	35
02:00	0	0	0	1	2	10	5	3	0	0	0	0	0	21	43	39
03:00	0	0	0	1	3	2	3	2	0	0	0	0	0	11	44	38
04:00	0	0	1	0	3	9	4	3	0	1	0	0	0	21	45	39
05:00	0	0	1	1	4	5	12	2	0	0	0	0	0	25	43	38
06:00	0	0	0	6	13	22	15	4	0	1	0	0	0	61	42	37
07:00	1	1	1	5	12	35	25	13	0	0	0	0	0	93	43	38
08:00	0	3	4	6	32	55	42	10	0	0	0	0	0	152	42	37
09:00	0	2	4	16	63	93	51	6	2	0	0	0	0	237	41	36
10:00	0	3	8	29	81	102	38	5	0	0	0	0	0	266	39	35
11:00	1	4	10	20	90	148	49	3	1	0	0	0	0	326	39	35
12 PM	0	9	15	19	77	138	54	8	0	1	0	0	0	321	40	35
13:00	2	7	14	20	53	108	49	5	2	0	0	0	0	260	40	35
14:00	0	5	13	14	61	107	46	10	2	0	0	0	0	258	41	36
15:00	0	1	5	17	60	96	45	14	0	1	0	0	0	239	41	36
16:00	0	2	13	15	80	99	31	7	1	0	0	0	0	248	39	35
17:00	0	1	6	15	86	98	24	6	0	0	0	0	0	236	38	35
18:00	1	4	7	14	43	78	28	4	1	0	0	0	0	180	40	35
19:00	0	5	1	7	57	64	26	3	1	0	0	0	0	164	40	35
20:00	0	1	4	6	27	47	24	1	1	0	0	0	0	111	40	36
21:00	0	1	0	5	18	25	14	6	1	0	0	0	0	70	42	37
22:00	0	1	0	1	12	35	11	4	1	0	1	0	0	66	42	38
23:00	0	1	0	3	10	16	7	1	0	0	0	0	0	38	40	36
Total	5	51	109	227	901	1415	616	123	13	4	1	0	0	3465		
%	0.1%	1.5%	3.1%	6.6%	26.0%	40.8%	17.8%	3.5%	0.4%	0.1%	0.0%	0.0%	0.0%			
AM Peak	07:00	11:00	11:00	10:00	11:00	11:00	09:00	07:00	09:00	04:00				11:00		
Vol.	1	4	10	29	90	148	51	13	2	1				326		
PM Peak	13:00	12:00	12:00	13:00	17:00	12:00	12:00	15:00	13:00	12:00	22:00			12:00		
Vol.	2	9	15	20	86	138	54	14	2	1	1			321		

Stats  
 15th Percentile : 29 MPH  
 50th Percentile : 35 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 43 MPH

Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 2316  
 Percent in Pace : 66.8%  
 Number of Vehicles > 35 MPH : 1889  
 Percent of Vehicles > 35 MPH : 54.5%



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186597 A Speed  
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NB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
11/12/18	0	0	0	0	1	3	11	1	1	0	0	0	0	17	43	41
01:00	0	0	0	1	1	2	4	2	2	0	0	0	0	12	49	42
02:00	0	0	0	0	2	2	6	3	0	0	0	0	0	13	45	41
03:00	0	0	0	0	3	4	6	4	2	0	0	1	0	20	49	43
04:00	0	1	1	1	9	17	13	11	1	0	0	0	0	54	45	39
05:00	0	1	0	1	12	44	45	21	5	2	0	0	0	131	45	41
06:00	0	2	2	2	14	79	61	18	2	1	0	0	0	181	43	39
07:00	0	0	2	5	26	67	62	11	2	0	0	0	0	175	42	38
08:00	0	1	6	7	34	67	58	8	4	0	0	0	0	185	42	37
09:00	0	6	6	11	63	83	52	12	1	1	0	0	0	235	41	36
10:00	0	2	8	18	75	98	59	8	1	0	0	0	0	269	41	36
11:00	0	5	14	16	95	122	44	5	1	1	0	0	0	303	39	35
12 PM	1	11	20	24	74	115	33	11	2	0	0	0	0	291	39	34
13:00	4	10	14	36	100	115	26	3	1	0	0	0	0	309	38	33
14:00	0	8	16	26	84	108	49	7	0	0	0	0	0	298	40	34
15:00	0	6	15	29	89	118	30	5	1	1	0	0	0	294	38	34
16:00	1	4	10	29	102	108	30	3	1	1	0	0	0	289	38	34
17:00	0	8	3	24	81	74	38	0	0	0	0	0	0	228	39	34
18:00	0	3	8	23	64	70	26	4	0	0	0	0	0	198	39	34
19:00	0	0	6	10	48	58	16	5	1	0	0	0	0	144	39	35
20:00	0	2	1	10	24	42	18	4	2	0	0	0	0	103	41	36
21:00	0	1	1	3	15	35	17	5	1	0	0	0	0	78	42	37
22:00	1	1	0	4	8	36	14	4	0	1	0	0	0	69	42	37
23:00	0	0	0	1	10	14	7	7	0	0	0	0	0	39	44	38
Total	7	72	133	281	1034	1481	725	162	31	8	0	1	0	3935		
%	0.2%	1.8%	3.4%	7.1%	26.3%	37.6%	18.4%	4.1%	0.8%	0.2%	0.0%	0.0%	0.0%			
AM Peak		09:00	11:00	10:00	11:00	11:00	07:00	05:00	05:00	05:00		03:00		11:00		
Vol.		6	14	18	95	122	62	21	5	2		1		303		
PM Peak	13:00	12:00	12:00	13:00	16:00	15:00	14:00	12:00	12:00	15:00				13:00		
Vol.	4	11	20	36	102	118	49	11	2	1				309		

Stats  
 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 : 30-39 MPH  
 Number in Pace : 2515  
 Percent in Pace : 63.9%  
 Number of Vehicles > 35 MPH : 2112  
 Percent of Vehicles > 35 MPH : 53.7%

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Speed  
 Site Code: TBA

NB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
11/13/18	0	0	1	0	8	5	1	0	1	0	0	0	0	16	38	35
01:00	0	0	0	1	3	3	4	0	0	0	0	0	0	11	41	37
02:00	0	0	0	1	4	5	5	1	1	0	0	0	0	17	43	38
03:00	0	0	1	1	3	8	9	4	0	0	0	0	0	26	44	39
04:00	0	1	1	4	13	35	32	15	4	0	1	0	0	106	45	39
05:00	0	1	2	4	27	50	56	11	3	1	0	0	0	155	43	38
06:00	0	1	1	9	90	149	43	2	0	0	0	0	0	295	39	36
07:00	20	28	56	109	230	124	36	5	0	0	0	0	0	608	36	30
08:00	0	7	13	30	142	104	29	1	0	0	0	0	0	326	38	33
09:00	1	14	24	43	78	72	17	4	0	0	0	0	0	253	37	32
10:00	1	13	32	46	110	66	15	2	0	0	0	0	0	285	37	31
11:00	1	9	24	35	98	89	22	6	0	0	0	0	0	284	38	33
12 PM	4	23	36	61	104	77	9	1	0	0	0	0	0	315	36	30
13:00	1	10	39	40	115	92	23	4	0	0	0	0	0	324	37	32
14:00	14	28	70	86	153	85	20	0	0	0	0	0	0	456	36	29
15:00	1	15	24	64	169	120	20	2	1	0	0	0	0	416	37	32
16:00	12	12	31	55	146	74	15	1	0	0	0	0	0	346	36	30
17:00	0	9	10	38	110	129	42	4	0	0	0	0	0	342	38	34
18:00	0	5	11	20	106	128	27	7	0	0	1	0	0	305	38	34
19:00	0	5	6	7	49	75	42	10	1	0	0	0	0	195	41	36
20:00	0	1	1	4	26	52	39	8	1	0	0	0	0	132	42	38
21:00	0	1	2	8	18	41	25	10	1	0	1	0	0	107	43	37
22:00	0	1	3	1	8	21	19	3	1	0	0	0	0	57	42	37
23:00	0	0	0	2	9	10	10	8	2	0	0	0	0	41	46	39
Total	55	184	388	669	1819	1614	560	109	16	1	3	0	0	5418		
%	1.0%	3.4%	7.2%	12.3%	33.6%	29.8%	10.3%	2.0%	0.3%	0.0%	0.1%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	07:00	06:00	05:00	04:00	04:00	05:00	04:00			07:00		
Vol.	20	28	56	109	230	149	56	15	4	1	1			608		
PM Peak	14:00	14:00	14:00	14:00	15:00	17:00	17:00	19:00	23:00		18:00			14:00		
Vol.	14	28	70	86	169	129	42	10	2		1			456		

Stats  
 15th Percentile : 25 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 42 MPH

Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 3433  
 Percent in Pace : 63.4%  
 Number of Vehicles > 35 MPH : 1980  
 Percent of Vehicles > 35 MPH : 36.5%

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Speed  
 Site Code: TBA

NB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
11/14/18	0	0	0	2	2	6	3	1	1	1	0	0	0	16	46	39
01:00	0	1	0	2	3	1	2	1	0	0	0	0	0	10	42	34
02:00	0	0	0	1	1	4	5	1	0	0	0	0	0	12	43	39
03:00	0	0	0	2	0	12	9	1	2	0	0	0	0	26	43	40
04:00	0	1	0	3	5	48	55	<b>23</b>	<b>5</b>	1	<b>2</b>	<b>1</b>	0	144	46	41
05:00	0	0	1	2	20	53	54	23	4	<b>4</b>	0	1	0	162	45	40
06:00	0	0	1	4	47	146	<b>88</b>	17	1	1	0	0	0	305	42	38
07:00	1	2	17	42	<b>242</b>	<b>248</b>	85	14	1	0	0	0	0	<b>652</b>	39	35
08:00	0	4	9	32	75	132	53	8	0	0	0	0	0	313	40	35
09:00	1	<b>19</b>	<b>30</b>	17	86	119	31	7	2	0	0	0	0	312	38	33
10:00	0	12	12	18	82	127	37	11	0	0	0	0	0	299	39	35
11:00	<b>2</b>	9	26	<b>45</b>	105	112	30	4	1	0	0	0	0	334	38	33
12 PM	<b>6</b>	17	38	48	135	88	26	2	1	0	0	0	0	361	37	31
13:00	2	17	35	52	149	77	26	2	0	0	0	0	0	360	37	31
14:00	2	<b>26</b>	<b>59</b>	<b>124</b>	160	110	19	1	0	0	0	0	0	<b>501</b>	36	30
15:00	3	9	22	45	<b>182</b>	<b>142</b>	<b>41</b>	<b>7</b>	1	1	0	0	0	453	38	33
16:00	0	4	17	31	116	127	41	6	1	0	0	0	0	343	38	34
17:00	0	2	12	43	160	138	26	2	0	0	0	0	0	383	37	34
18:00	1	2	7	19	84	90	34	3	0	1	0	0	0	241	39	35
19:00	0	4	4	14	63	91	27	5	1	0	0	0	0	209	39	35
20:00	0	3	2	8	30	62	26	3	1	0	0	0	0	135	40	36
21:00	0	1	1	4	20	46	22	5	1	0	0	0	0	100	41	37
22:00	1	1	0	3	8	29	18	1	<b>3</b>	0	0	0	0	64	42	37
23:00	0	0	0	3	9	17	8	6	2	<b>2</b>	0	0	0	47	46	39
Total	19	134	293	564	1784	2025	766	154	28	11	2	2	0	5782		
%	0.3%	2.3%	5.1%	9.8%	30.9%	35.0%	13.2%	2.7%	0.5%	0.2%	0.0%	0.0%	0.0%			
AM Peak	11:00	09:00	09:00	11:00	07:00	07:00	06:00	04:00	04:00	05:00	04:00	04:00		07:00		
Vol.	2	19	30	45	242	248	88	23	5	4	2	1		652		
PM Peak	12:00	14:00	14:00	14:00	15:00	15:00	15:00	15:00	22:00	23:00				14:00		
Vol.	6	26	59	124	182	142	41	7	3	2				501		

Stats  
 15th Percentile : 27 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 43 MPH

Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 3809  
 Percent in Pace : 65.9%  
 Number of Vehicles > 35 MPH : 2583  
 Percent of Vehicles > 35 MPH : 44.7%

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Speed  
 Site Code: TBA

SB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
11/09/																
18	0	1	3	0	2	13	11	4	2	0	0	0	0	36	44	38
01:00	0	0	1	0	0	7	4	4	0	0	0	0	0	16	46	40
02:00	0	0	0	0	0	5	2	2	0	0	0	0	0	9	45	40
03:00	0	0	0	0	1	2	5	0	1	0	0	0	0	9	43	41
04:00	0	0	0	1	4	5	12	3	1	2	0	0	0	28	47	41
05:00	0	0	3	2	13	21	14	8	3	0	0	0	0	64	44	38
06:00	1	0	4	9	21	47	48	21	6	0	0	0	0	157	44	39
07:00	3	11	15	42	227	183	57	15	3	0	0	0	0	556	38	34
08:00	1	3	8	29	96	143	60	12	2	0	0	0	0	354	40	36
09:00	3	7	15	31	110	121	58	5	0	0	0	0	0	350	39	34
10:00	0	3	17	58	113	113	33	5	0	0	0	0	0	342	38	33
11:00	1	11	11	50	166	143	21	3	0	0	0	0	0	406	37	33
12 PM	0	5	42	66	128	138	49	4	0	0	0	0	0	432	38	33
13:00	2	2	12	61	130	132	64	8	0	0	0	0	0	411	39	34
14:00	26	61	136	153	187	62	9	0	0	0	0	0	0	634	33	27
15:00	3	12	33	113	229	170	45	4	0	0	0	0	0	609	37	32
16:00	3	11	37	137	250	128	22	2	0	0	0	0	0	590	36	31
17:00	3	15	52	176	212	83	24	1	0	0	0	0	0	566	35	30
18:00	0	7	10	70	136	133	40	2	0	0	0	0	0	398	38	33
19:00	0	4	2	22	56	108	55	11	2	0	0	0	0	260	41	36
20:00	0	4	3	9	39	97	29	10	0	2	0	0	0	193	41	36
21:00	1	2	5	9	36	54	18	7	2	0	0	0	0	134	40	35
22:00	0	3	2	8	45	56	26	5	1	0	0	0	0	146	40	36
23:00	0	0	0	4	13	41	27	6	1	0	0	0	0	92	42	38
Total	47	162	411	1050	2214	2005	733	142	24	4	0	0	0	6792		
%	0.7%	2.4%	6.1%	15.5%	32.6%	29.5%	10.8%	2.1%	0.4%	0.1%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	10:00	10:00	07:00	07:00	08:00	06:00	06:00	04:00				07:00		
Vol.	3	11	17	58	227	183	60	21	6	2				556		
PM Peak	14:00	14:00	14:00	17:00	16:00	15:00	13:00	19:00	19:00	20:00				14:00		
Vol.	26	61	136	176	250	170	64	11	2	2				634		

Stats

15th Percentile : 25 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 42 MPH

Mean Speed(Average) : 33 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 4219  
 Percent in Pace : 62.1%  
 Number of Vehicles > 35 MPH : 2507  
 Percent of Vehicles > 35 MPH : 36.9%

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Speed  
 Site Code: TBA

SB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
11/10/18	0	1	1	0	15	12	12	7	1	1	0	0	0	50	45	38
01:00	0	0	0	0	5	4	7	4	1	1	0	0	0	22	47	41
02:00	0	0	0	0	3	7	4	2	2	1	0	0	0	19	49	41
03:00	0	0	0	0	1	6	2	1	1	0	0	0	0	11	45	40
04:00	0	0	1	1	2	3	5	1	1	1	0	0	0	15	47	39
05:00	0	0	0	1	6	11	5	3	1	0	0	0	0	27	43	38
06:00	0	0	2	2	15	28	21	10	2	0	0	0	0	80	44	38
07:00	0	0	0	12	32	48	41	16	3	0	0	0	0	152	43	38
08:00	0	16	9	9	53	94	54	18	1	1	0	0	0	255	42	36
09:00	0	3	20	31	70	139	46	11	1	0	0	0	0	321	40	35
10:00	3	4	18	48	112	121	64	12	1	0	0	0	0	383	40	34
11:00	1	10	20	53	123	163	61	18	1	0	0	0	0	450	40	34
12 PM	0	8	22	37	101	140	72	12	4	1	0	0	0	397	41	35
13:00	0	5	17	33	97	137	63	23	3	1	0	0	0	379	41	36
14:00	5	6	16	20	87	147	81	15	2	1	0	0	0	380	41	36
15:00	1	2	10	26	93	141	99	21	3	0	0	0	0	396	42	37
16:00	1	3	12	31	70	135	75	17	2	0	0	0	0	346	41	36
17:00	1	1	6	13	81	120	66	14	3	0	0	0	0	305	41	36
18:00	0	2	6	14	83	131	55	12	4	0	0	0	0	307	41	36
19:00	0	1	7	21	64	79	54	14	1	0	0	0	0	241	42	36
20:00	0	0	2	3	32	61	41	17	3	0	0	0	0	159	43	38
21:00	1	0	1	1	22	60	29	13	1	1	0	0	0	129	43	38
22:00	0	1	0	1	9	38	46	10	4	1	0	0	0	110	43	40
23:00	0	1	2	4	10	27	22	16	0	3	0	0	0	85	45	39
Total	13	64	172	361	1186	1852	1025	287	46	13	0	0	0	5019		
%	0.3%	1.3%	3.4%	7.2%	23.6%	36.9%	20.4%	5.7%	0.9%	0.3%	0.0%	0.0%	0.0%			
AM Peak	10:00	08:00	09:00	11:00	11:00	11:00	10:00	08:00	07:00	00:00				11:00		
Vol.	3	16	20	53	123	163	64	18	3	1				450		
PM Peak	14:00	12:00	12:00	12:00	12:00	14:00	15:00	13:00	12:00	23:00				12:00		
Vol.	5	8	22	37	101	147	99	23	4	3				397		

Stats  
 15th Percentile : 29 MPH  
 50th Percentile : 35 MPH  
 85th Percentile : 42 MPH  
 95th Percentile : 45 MPH

Mean Speed(Average) : 36 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 3038  
 Percent in Pace : 60.5%  
 Number of Vehicles > 35 MPH : 2853  
 Percent of Vehicles > 35 MPH : 56.8%



PRECISION  
D A T A  
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702  
Office: 508-875-0100 Fax: 508-875-0118  
Email: datarequests@pdillc.com

970 Ashley Boulevard  
south of York Street  
City, State: New Bedford, MA  
Client: McMahon Associates/ A. Bleeker

186597 A Speed  
Site Code: TBA

SB

Start Time	14	15	19	20	24	25	29	30	34	35	39	40	44	45	49	50	54	55	59	60	64	65	69	70	9999	Total	85th % ile	Ave Speed
11/11/18	0	0	0	0	3	6	20	17	8	3	1	1	0	0	59	46	40											
01:00	0	0	1	2	4	10	16	8	2	1	0	0	0	44	46	41												
02:00	0	0	0	1	2	2	4	4	2	0	0	0	1	16	48	42												
03:00	0	0	0	1	0	4	5	2	0	0	0	0	0	12	44	40												
04:00	0	0	0	0	1	3	4	3	0	2	0	0	0	13	54	44												
05:00	0	0	0	3	4	8	2	5	1	1	0	0	0	24	47	39												
06:00	0	0	1	3	8	5	24	15	7	1	1	0	0	65	48	42												
07:00	0	1	2	1	13	19	35	26	11	3	1	0	0	112	48	42												
08:00	0	3	3	6	19	63	71	39	5	0	0	0	0	209	45	40												
09:00	0	2	5	8	39	76	76	25	5	0	0	0	0	236	43	38												
10:00	1	4	6	17	46	94	97	23	9	0	0	0	0	297	43	38												
11:00	0	2	5	11	35	109	84	35	7	1	0	0	0	289	43	39												
12 PM	3	6	8	19	32	135	119	26	9	1	0	0	0	358	43	38												
13:00	0	1	9	20	29	92	96	29	7	2	0	0	0	285	43	38												
14:00	1	1	6	11	27	93	98	38	6	1	1	0	0	283	44	39												
15:00	0	2	5	7	37	95	80	30	2	0	0	0	0	258	43	38												
16:00	1	2	9	19	53	116	85	25	4	0	0	0	0	314	42	37												
17:00	0	1	5	17	68	121	65	19	4	0	0	0	0	300	42	37												
18:00	0	4	5	5	27	83	57	20	2	2	0	0	0	205	43	38												
19:00	0	1	5	12	27	58	49	14	4	0	0	0	0	170	43	38												
20:00	0	3	1	6	19	38	47	19	2	0	0	0	0	135	44	39												
21:00	0	0	0	2	19	29	32	13	3	0	0	0	0	98	44	39												
22:00	0	0	1	1	11	31	18	7	3	1	1	0	1	75	44	39												
23:00	0	0	1	0	8	10	13	11	8	2	0	0	0	53	50	42												
Total	6	33	78	175	534	1314	1194	444	106	19	5	0	2	3910														
%	0.2%	0.8%	2.0%	4.5%	13.7%	33.6%	30.5%	11.4%	2.7%	0.5%	0.1%	0.0%	0.1%															
AM Peak	10:00	10:00	10:00	10:00	10:00	11:00	10:00	08:00	07:00	07:00	00:00		02:00	10:00														
Vol.	1	4	6	17	46	109	97	39	11	3	1		1	297														
PM Peak	12:00	12:00	13:00	13:00	17:00	12:00	12:00	14:00	12:00	13:00	14:00		22:00	12:00														
Vol.	3	6	9	20	68	135	119	38	9	2	1		1	358														

Stats  
 15th Percentile : 31 MPH  
 50th Percentile : 38 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 48 MPH

Mean Speed(Average) : 39 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 2508  
 Percent in Pace : 64.1%  
 Number of Vehicles > 35 MPH : 2821  
 Percent of Vehicles > 35 MPH : 72.2%

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Speed  
 Site Code: TBA

SB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
11/12/18	0	0	0	1	2	9	3	0	3	0	1	0	0	19	50	40
01:00	0	0	0	0	1	1	3	2	2	0	0	0	0	9	50	44
02:00	0	0	0	0	2	1	7	1	1	0	1	0	0	13	49	43
03:00	0	0	0	0	2	3	2	2	0	0	0	0	0	9	45	39
04:00	0	0	0	0	1	2	7	2	1	0	0	0	0	13	46	42
05:00	0	0	2	3	2	11	13	4	2	0	1	0	0	38	45	39
06:00	0	0	1	4	6	15	47	12	7	0	0	0	0	92	46	41
07:00	1	0	2	5	15	42	63	27	<b>8</b>	<b>4</b>	<b>2</b>	<b>1</b>	0	170	47	41
08:00	0	0	2	2	18	66	68	<b>42</b>	2	3	1	0	0	204	46	41
09:00	<b>2</b>	<b>8</b>	<b>11</b>	8	32	69	90	28	6	2	0	0	0	256	43	38
10:00	1	3	10	13	40	85	77	29	5	1	0	0	0	264	43	38
11:00	0	4	8	<b>23</b>	<b>58</b>	<b>112</b>	<b>95</b>	28	8	1	0	0	0	<b>337</b>	43	38
12 PM	1	2	13	21	65	104	74	<b>27</b>	1	0	0	0	0	308	42	37
13:00	1	<b>4</b>	<b>18</b>	18	63	150	85	17	1	0	0	0	0	357	41	36
14:00	1	3	13	21	54	131	<b>108</b>	16	5	0	0	0	<b>1</b>	353	42	37
15:00	0	3	7	16	70	165	93	20	<b>7</b>	1	0	0	0	382	42	37
16:00	<b>3</b>	4	12	16	<b>115</b>	<b>200</b>	90	25	1	0	0	0	0	<b>466</b>	41	36
17:00	0	2	8	<b>25</b>	108	150	71	9	2	0	0	0	0	375	40	36
18:00	0	1	4	13	43	136	79	14	4	1	0	0	0	295	42	38
19:00	0	0	3	4	36	86	44	18	5	0	0	0	0	196	43	38
20:00	0	2	2	5	16	63	30	8	2	<b>2</b>	0	0	0	130	42	38
21:00	0	1	2	3	10	27	25	9	3	0	0	0	0	80	44	39
22:00	0	0	0	0	10	19	24	10	3	0	0	0	0	66	45	40
23:00	0	0	0	0	6	19	19	12	1	1	0	0	0	58	46	41
Total	10	37	118	201	775	1666	1217	362	80	16	6	1	1	4490		
%	0.2%	0.8%	2.6%	4.5%	17.3%	37.1%	27.1%	8.1%	1.8%	0.4%	0.1%	0.0%	0.0%			
AM Peak	09:00	09:00	09:00	11:00	11:00	11:00	11:00	08:00	07:00	07:00	07:00	07:00		11:00		
Vol.	2	8	11	23	58	112	95	42	8	4	2	1		337		
PM Peak	16:00	13:00	13:00	17:00	16:00	16:00	14:00	12:00	15:00	20:00			14:00	16:00		
Vol.	3	4	18	25	115	200	108	27	7	2			1	466		

Stats  
 15th Percentile : 30 MPH  
 50th Percentile : 37 MPH  
 85th Percentile : 43 MPH  
 95th Percentile : 47 MPH

Mean Speed(Average) : 38 MPH  
 10 MPH Pace Speed : 35-44 MPH  
 Number in Pace : 2883  
 Percent in Pace : 64.2%  
 Number of Vehicles > 35 MPH : 3016  
 Percent of Vehicles > 35 MPH : 67.2%

970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
 Office: 508-875-0100 Fax: 508-875-0118  
 Email: datarequests@pdillc.com

186597 A Speed  
 Site Code: TBA

SB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
11/13/18	0	0	0	0	3	3	3	2	3	2	1	0	0	17	55	45
01:00	0	0	0	0	2	4	5	0	0	0	0	0	0	11	42	38
02:00	0	0	0	2	2	1	2	1	0	1	0	0	0	9	47	38
03:00	0	0	0	1	1	3	2	1	1	1	0	0	0	10	51	41
04:00	0	0	0	1	1	8	11	5	1	0	0	0	0	27	45	41
05:00	0	0	3	1	9	21	16	4	1	1	0	0	0	56	43	38
06:00	0	2	2	7	38	56	36	6	1	0	0	0	0	148	41	36
07:00	10	15	29	98	252	130	42	9	0	0	0	0	0	585	37	32
08:00	0	3	7	25	97	136	44	8	1	1	0	0	0	322	39	35
09:00	2	19	27	35	91	86	31	9	1	0	0	0	0	301	38	32
10:00	1	3	25	46	104	89	29	1	0	0	0	0	0	298	38	33
11:00	3	4	25	48	120	86	28	1	0	0	0	0	0	315	37	32
12 PM	2	10	26	54	115	103	48	3	2	0	0	0	0	363	38	33
13:00	3	7	20	42	134	136	34	3	0	0	0	0	0	379	38	33
14:00	21	39	93	99	134	106	25	2	1	1	0	0	0	521	36	29
15:00	6	17	38	142	262	154	29	8	0	0	0	0	0	656	37	32
16:00	1	6	13	56	185	182	42	4	1	0	0	0	0	490	38	34
17:00	0	6	5	25	116	201	64	14	1	0	0	0	0	432	40	36
18:00	0	4	7	21	114	127	61	9	1	0	0	0	0	344	40	35
19:00	0	3	5	13	60	102	49	16	3	1	0	0	0	252	42	37
20:00	0	1	2	8	54	86	47	13	1	0	0	0	0	212	42	37
21:00	0	1	1	6	22	52	37	15	1	0	0	0	0	135	43	38
22:00	0	0	1	2	5	20	11	13	1	1	0	0	0	54	46	40
23:00	0	0	0	0	8	14	26	10	5	1	1	0	0	65	47	42
Total	49	140	329	732	1929	1906	722	157	26	10	2	0	0	6002		
%	0.8%	2.3%	5.5%	12.2%	32.1%	31.8%	12.0%	2.6%	0.4%	0.2%	0.0%	0.0%	0.0%			
AM Peak	07:00	09:00	07:00	07:00	07:00	08:00	08:00	07:00	00:00	00:00	00:00			07:00		
Vol.	10	19	29	98	252	136	44	9	3	2	1			585		
PM Peak	14:00	14:00	14:00	15:00	15:00	17:00	17:00	19:00	23:00	14:00	23:00			15:00		
Vol.	21	39	93	142	262	201	64	16	5	1	1			656		

Stats

15th Percentile : 26 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 39 MPH  
 95th Percentile : 43 MPH

Mean Speed(Average) : 34 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 3835  
 Percent in Pace : 63.9%  
 Number of Vehicles > 35 MPH : 2442  
 Percent of Vehicles > 35 MPH : 40.7%



970 Ashley Boulevard  
 south of York Street  
 City, State: New Bedford, MA  
 Client: McMahon Associates/ A. Bleeker



46 Morton Street, Framingham, MA 01702  
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 Email: datarequests@pdillc.com

186597 A Speed  
 Site Code: TBA

SB

Start Time	1	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
11/14/																
18	0	0	0	0	5	10	5	5	3	2	0	0	0	30	49	42
01:00	0	0	3	0	2	3	6	4	1	0	0	0	0	19	46	39
02:00	0	0	0	0	1	0	5	3	0	0	1	0	0	10	48	45
03:00	0	0	0	2	0	2	2	2	0	0	0	0	0	8	46	38
04:00	0	0	0	2	3	7	11	9	1	0	0	0	0	33	46	41
05:00	0	1	4	2	7	18	19	11	1	0	0	0	0	63	45	38
06:00	0	1	2	5	33	63	39	14	3	0	0	0	0	160	43	38
07:00	0	10	14	56	249	173	63	17	2	0	0	0	0	584	38	34
08:00	0	1	7	23	61	128	73	15	2	0	0	0	0	310	41	37
09:00	6	8	16	24	92	131	49	15	4	0	0	0	0	345	40	35
10:00	1	1	8	15	80	131	90	20	1	1	0	0	0	348	42	37
11:00	2	8	21	43	72	136	56	20	2	0	0	0	0	360	41	35
12 PM	2	9	13	40	114	158	54	6	1	0	0	0	0	397	39	34
13:00	1	8	27	52	144	107	46	4	0	0	0	0	0	389	38	33
14:00	11	23	82	133	164	103	28	4	3	0	0	0	0	551	36	30
15:00	1	9	20	80	277	183	53	3	0	0	0	0	0	626	37	33
16:00	1	8	12	36	224	216	74	6	1	0	0	0	0	578	38	35
17:00	0	6	13	60	196	156	40	3	0	0	1	0	0	475	38	34
18:00	1	10	6	33	107	186	56	4	1	1	0	0	0	405	39	35
19:00	1	1	6	29	97	104	42	7	4	0	1	0	0	292	40	35
20:00	0	0	4	6	31	73	36	12	4	0	0	0	0	166	42	38
21:00	0	1	1	5	24	35	26	8	0	1	0	0	0	101	42	37
22:00	0	0	0	1	6	28	24	13	3	1	0	0	0	76	46	41
23:00	0	0	1	1	9	34	15	11	3	0	0	0	0	74	45	39
Total	27	105	260	648	1998	2185	912	216	40	6	3	0	0	6400		
%	0.4%	1.6%	4.1%	10.1%	31.2%	34.1%	14.3%	3.4%	0.6%	0.1%	0.0%	0.0%	0.0%			
AM Peak	09:00	07:00	11:00	07:00	07:00	07:00	10:00	10:00	09:00	00:00	02:00			07:00		
Vol.	6	10	21	56	249	173	90	20	4	2	1			584		
PM Peak	14:00	14:00	14:00	14:00	15:00	16:00	16:00	22:00	19:00	18:00	17:00			15:00		
Vol.	11	23	82	133	277	216	74	13	4	1	1			626		

Stats

15th Percentile : 28 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 40 MPH  
 95th Percentile : 43 MPH

Mean Speed(Average) : 35 MPH  
 10 MPH Pace Speed : 30-39 MPH  
 Number in Pace : 4183  
 Percent in Pace : 65.4%  
 Number of Vehicles > 35 MPH : 2925  
 Percent of Vehicles > 35 MPH : 45.7%