

## **Appendix 3-1**

### **2006 TRAFFIC COUNTS**



**2006 Traffic Counts:**

**Manual Turning Movement Counts  
at 7 Key Locations**

**2006 Traffic Counts:**

**ATR Counts at Nantasket Avenue  
between Wharf Avenue and Hull Shore Drive**

Accurate Counts  
978-664-2565

Location : Nantasket Avenue North of  
Location : Wharf Avenue  
City/State: Hull, MA  
Counter : 13735

14640001  
Site Code: 14640001

Start Time	04-Aug-0 Fri	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		10	75			22	97				
12:15		14	92			15	79				
12:30		16	84			12	88				
12:45		8	89	48	340	13	89	62	353	110	693
01:00		3	72			16	79				
01:15		5	76			10	80				
01:30		4	80			2	88				
01:45		2	82	14	310	4	77	32	324	46	634
02:00		6	77			1	94				
02:15		1	87			0	104				
02:30		2	81			5	111				
02:45		3	78	12	323	4	105	10	414	22	737
03:00		2	79			3	77				
03:15		0	89			3	91				
03:30		4	77			0	99				
03:45		1	86	7	331	2	125	8	392	15	723
04:00		3	92			1	100				
04:15		2	72			2	103				
04:30		6	79			1	110				
04:45		7	79	18	322	4	106	8	419	26	741
05:00		15	71			5	106				
05:15		18	74			7	107				
05:30		14	89			15	125				
05:45		24	85	71	319	16	95	43	433	114	752
06:00		28	75			13	108				
06:15		30	66			14	86				
06:30		42	78			23	87				
06:45		41	74	141	293	21	100	71	381	212	674
07:00		46	76			41	101				
07:15		53	71			33	101				
07:30		53	80			39	111				
07:45		69	97	221	324	47	112	160	425	381	749
08:00		71	84			42	111				
08:15		73	74			62	88				
08:30		75	63			54	94				
08:45		77	72	296	293	86	74	244	367	540	660
09:00		59	64			68	80				
09:15		76	78			66	61				
09:30		94	62			56	76				
09:45		82	46	311	250	69	65	259	282	570	532
10:00		75	45			51	70				
10:15		76	42			79	75				
10:30		82	49			57	78				
10:45		69	37	302	173	87	79	274	302	576	475
11:00		69	55			76	64				
11:15		90	36			67	62				
11:30		96	25			62	37				
11:45		82	28	337	144	82	48	287	211	624	355
Total		1778	3422			1458	4303			3236	7725
Percent		34.2%	65.8%			25.3%	74.7%			29.5%	70.5%

Accurate Counts  
978-664-2565

Location : Nantasket Avenue North of  
Location : Wharf Avenue  
City/State: Hull, MA  
Counter : 13735

14640001  
Site Code: 14640001

Start Time	31-Jul-06		Tue		Wed		Thu		Fri		Sat		Sun		Week Average		
	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	
12:00 AM	*	*	*	*	*	*	*	*	48	62	79	109	79	79	79	69	83
01:00	*	*	*	*	*	*	*	*	14	32	54	57	55	55	59	41	49
02:00	*	*	*	*	*	*	*	*	12	10	20	30	18	21	22	17	21
03:00	*	*	*	*	*	*	*	*	7	8	9	15	15	13	10	10	12
04:00	*	*	*	*	*	*	*	*	18	8	25	15	16	12	20	20	12
05:00	*	*	*	*	*	*	*	*	71	43	36	18	21	21	43	27	27
06:00	*	*	*	*	*	*	*	*	141	71	102	71	59	68	101	43	70
07:00	*	*	*	*	*	*	*	*	221	160	140	148	131	125	164	164	144
08:00	*	*	*	*	*	*	*	*	296	244	227	240	250	267	258	258	250
09:00	*	*	*	*	*	*	*	*	311	259	317	387	305	336	311	327	327
10:00	*	*	*	*	*	*	*	*	302	274	406	511	352	482	353	422	422
11:00	*	*	*	*	*	*	*	*	337	287	367	596	365	578	356	487	487
12:00 PM	*	*	*	*	*	*	*	*	340	353	361	641	404	716	368	570	570
01:00	*	*	*	*	*	*	*	*	310	324	395	638	398	703	368	555	555
02:00	*	*	*	*	*	*	*	*	323	414	434	557	438	654	398	542	542
03:00	*	*	*	*	*	*	*	*	331	392	462	551	464	604	419	516	516
04:00	*	*	*	*	*	*	*	*	322	419	544	544	430	597	409	520	520
05:00	*	*	*	*	*	*	*	*	319	433	491	499	488	525	433	486	486
06:00	*	*	*	*	*	*	*	*	293	381	455	492	493	476	414	450	450
07:00	*	*	*	*	*	*	*	*	324	425	461	512	407	463	397	467	467
08:00	*	*	*	*	*	*	*	*	293	367	439	488	335	370	356	408	408
09:00	*	*	*	*	*	*	*	*	250	282	277	331	218	258	248	290	290
10:00	*	*	*	*	*	*	*	*	173	302	214	240	133	172	173	238	238
11:00	*	*	*	*	*	*	*	*	144	211	211	176	74	94	143	160	160
Lane	0	0	0	0	0	0	0	0	5200	5761	6458	7866	5948	7694	5869	7106	7106
Day	0	0	0	0	0	0	0	0	10961	14324	13642	12975	11:00	11:00	11:00	11:00	11:00
AM									11:00	11:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00
Peak									337	287	406	596	365	578	356	487	487
Vol.									12:00	17:00	17:00	12:00	18:00	12:00	17:00	12:00	12:00
PM									340	433	491	641	493	716	433	570	570
Peak																	
Vol.																	
Comb. Total	0	0	0	0	0	0	0	0	10961	14324	13642	12975	11:00	11:00	11:00	11:00	11:00
ADT	Not Calculated	10961	14324	13642	12975	11:00	11:00	11:00	11:00	11:00							

Accurate Counts  
978-664-2565

Location : Nantasket Avenue North of  
Location : Wharf Avenue  
City/State: Hull, MA  
Counter : 13735

14640001  
Site Code: 14640001

Start Time	06-Aug-0 Sun	SB		Hour Totals		NB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		33	110			28	175				
12:15		15	96			21	191				
12:30		15	104			16	175				
12:45		16	94	79	404	14	175	79	716	158	1120
01:00		17	101			19	182				
01:15		19	108			26	153				
01:30		14	109			13	170				
01:45		5	80	55	398	1	198	59	703	114	1101
02:00		10	110			6	176				
02:15		4	117			2	159				
02:30		3	110			9	162				
02:45		1	101	18	438	5	157	22	654	40	1092
03:00		9	104			4	174				
03:15		1	104			6	155				
03:30		3	125			2	131				
03:45		2	131	15	464	1	144	13	604	28	1068
04:00		2	91			5	154				
04:15		7	109			5	164				
04:30		4	94			1	149				
04:45		3	136	16	430	1	130	12	597	28	1027
05:00		6	122			2	125				
05:15		3	131			6	131				
05:30		1	126			6	135				
05:45		11	109	21	488	7	134	21	525	42	1013
06:00		8	122			10	99				
06:15		14	122			15	129				
06:30		17	144			23	134				
06:45		20	105	59	493	20	114	68	476	127	969
07:00		26	112			29	135				
07:15		29	98			20	107				
07:30		36	92			33	106				
07:45		40	105	131	407	43	115	125	463	256	870
08:00		48	117			56	128				
08:15		63	82			58	79				
08:30		79	60			73	86				
08:45		60	76	250	335	80	77	267	370	517	705
09:00		72	64			76	74				
09:15		68	67			98	77				
09:30		96	47			74	49				
09:45		69	40	305	218	88	58	336	258	641	476
10:00		85	33			107	57				
10:15		91	48			92	46				
10:30		80	29			127	40				
10:45		96	23	352	133	156	29	482	172	834	305
11:00		96	27			134	41				
11:15		87	20			138	20				
11:30		83	17			149	20				
11:45		99	10	365	74	157	13	578	94	943	168
Total		1666	4282			2062	5632			3728	9914
Percent		28.0%	72.0%			26.8%	73.2%			27.3%	72.7%
Grand Total		5226	12380			5717	15604			10943	27984
Percent		29.7%	70.3%			26.8%	73.2%			28.1%	71.9%

ADT Not Calculated

Loc. #1

Accurate Counts  
978-664-2565

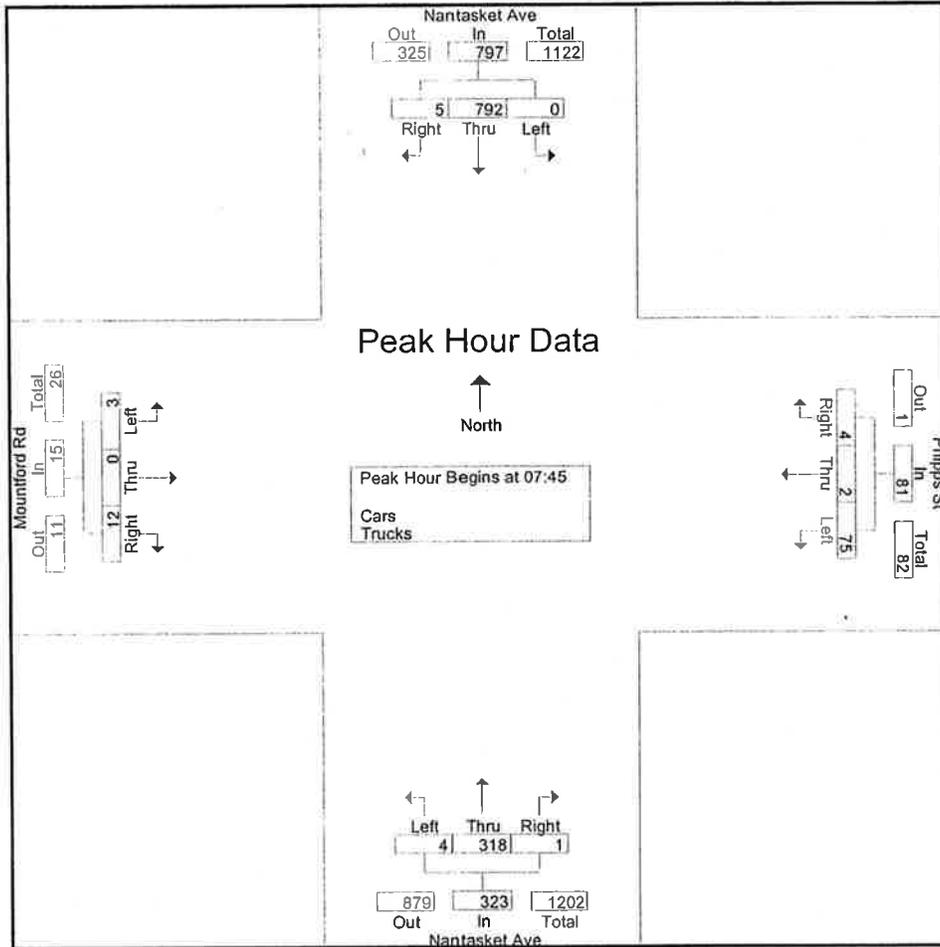
File Name : 14640001  
Site Code : 14640001  
Start Date : 8/3/2006  
Page No : 1

N/S Street : Nantasket Avenue  
E/W Street: Mountford Rd / Phipps St  
City/State : Hull, MA  
Weather : Clear

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Phipps St From East				Nantasket Ave From South				Mountford Rd From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
07:00	1	166	1	1	12	0	1	3	0	50	0	1	0	0	2	1	6	233	239
07:15	0	190	2	2	11	0	0	3	1	60	0	1	0	0	2	0	6	266	272
07:30	0	208	1	1	15	0	1	2	0	66	0	0	0	0	6	2	5	297	302
07:45	0	201	3	1	19	0	3	2	1	73	0	2	1	0	0	3	8	301	309
Total	1	765	7	5	57	0	5	10	2	249	0	4	1	0	10	6	25	1097	1122
08:00	0	211	1	2	16	0	0	6	0	75	0	0	1	0	5	2	10	309	319
08:15	0	182	0	1	14	0	0	5	2	98	1	1	0	0	1	1	8	298	306
08:30	0	198	1	1	26	2	1	3	1	72	0	2	1	0	6	4	10	308	318
08:45	0	155	1	3	20	0	4	2	0	85	0	1	0	0	4	5	11	269	280
Total	0	746	3	7	76	2	5	16	3	330	1	4	2	0	16	12	39	1184	1223
Grand Total	1	1511	10	12	133	2	10	26	5	579	1	8	3	0	26	18	64	2281	2345
Apprch %	0.1	99.3	0.7		91.7	1.4	6.9		0.9	99	0.2		10.3	0	89.7				
Total %	0	66.2	0.4		5.8	0.1	0.4		0.2	25.4	0		0.1	0	1.1		2.7	97.3	
Cars	1	1486	9		131	2	9		5	541	1		3	0	25		0	0	2277
% Cars	100	98.3	90	100	98.5	100	90	100	100	93.4	100	100	100	0	96.2	100	0	0	97.1
Trucks	0	25	1		2	0	1		0	38	0		0	0	1		0	0	68
% Trucks	0	1.7	10	0	1.5	0	10	0	0	6.6	0	0	0	0	3.8	0	0	0	2.9

Start Time	Nantasket Ave From North				Phipps St From East				Nantasket Ave From South				Mountford Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45																	
07:45	0	201	3	204	19	0	3	22	1	73	0	74	1	0	0	1	301
08:00	0	211	1	212	16	0	0	16	0	75	0	75	1	0	5	6	309
08:15	0	182	0	182	14	0	0	14	2	98	1	101	0	0	1	1	298
08:30	0	198	1	199	26	2	1	29	1	72	0	73	1	0	6	7	308
Total Volume	0	792	5	797	75	2	4	81	4	318	1	323	3	0	12	15	1216
% App. Total	0	99.4	0.6		92.6	2.5	4.9		1.2	98.5	0.3		20	0	80		
PHF	.000	.938	.417	.940	.721	.250	.333	.698	.500	.811	.250	.800	.750	.000	.500	.536	.984



Accurate Counts  
978-664-2565

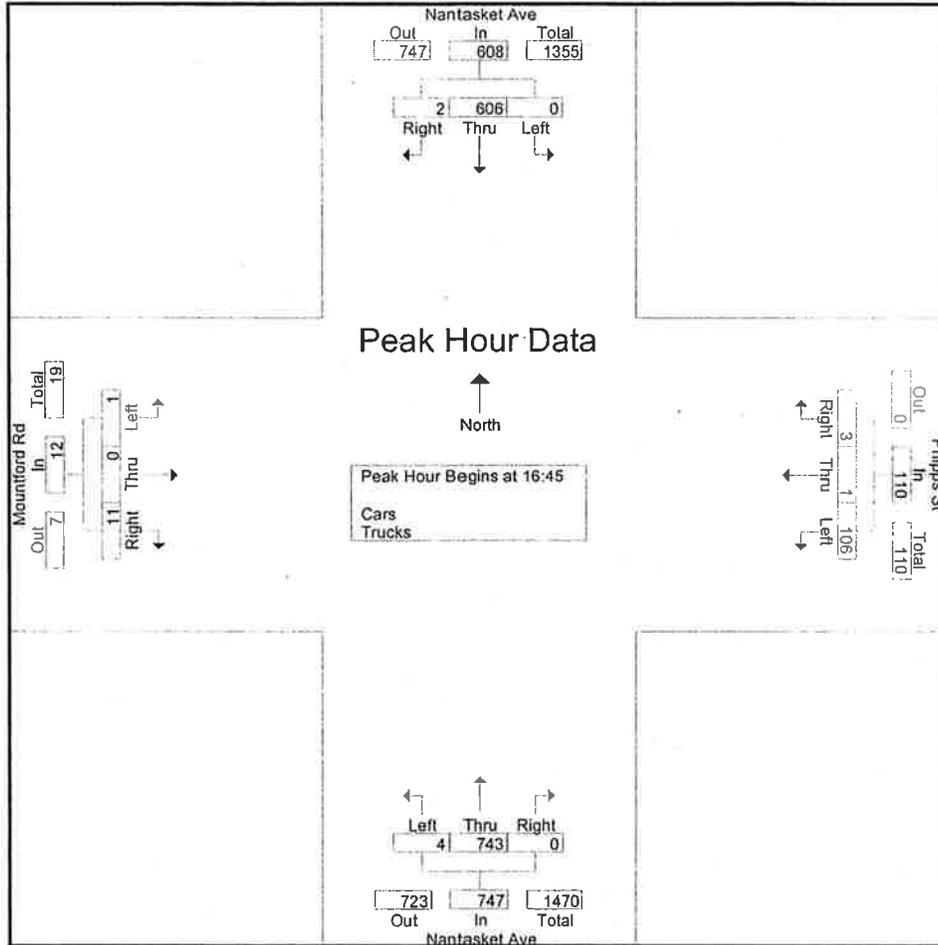
N/S Street : Nantasket Avenue  
E/W Street: Mountford Rd / Phipps St  
City/State : Hull, MA  
Weather : Clear

File Name : 14640001  
Site Code : 14640001  
Start Date : 8/3/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Phipps St From East				Nantasket Ave From South				Mountford Rd From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
16:00	0	123	0	1	21	0	2	1	1	149	1	0	0	0	3	1	3	300	303
16:15	0	123	0	2	25	0	2	2	1	172	1	0	0	0	4	2	6	328	334
16:30	0	151	0	0	29	0	1	5	1	148	0	0	0	0	1	2	7	331	338
16:45	0	183	0	2	27	0	0	5	1	191	0	0	0	0	2	5	12	404	416
Total	0	580	0	5	102	0	5	13	4	660	2	0	0	0	10	10	28	1363	1391
17:00	0	133	1	1	35	0	0	4	0	191	0	0	0	0	2	3	8	362	370
17:15	0	152	1	3	25	0	1	3	1	169	0	0	1	0	0	2	8	350	358
17:30	0	138	0	4	19	1	2	2	2	192	0	0	0	0	7	1	7	361	368
17:45	0	145	2	2	19	2	5	1	1	161	0	0	1	0	2	2	5	338	343
Total	0	568	4	10	98	3	8	10	4	713	0	0	2	0	11	8	28	1411	1439
Grand Total	0	1148	4	15	200	3	13	23	8	1373	2	0	2	0	21	18	56	2774	2830
Apprch %	0	99.7	0.3		92.6	1.4	6		0.6	99.3	0.1		8.7	0	91.3				
Total %	0	41.4	0.1		7.2	0.1	0.5		0.3	49.5	0.1		0.1	0	0.8		2	98	
Cars	0	1133	4		199	3	13		8	1349	2		2	0	21		0	0	2790
% Cars	0	98.7	100	100	99.5	100	100	100	100	98.3	100	0	100	0	100	100	0	0	98.6
Trucks	0	15	0		1	0	0		0	24	0		0	0	0		0	0	40
% Trucks	0	1.3	0	0	0.5	0	0	0	0	1.7	0	0	0	0	0	0	0	0	1.4

Start Time	Nantasket Ave From North				Phipps St From East				Nantasket Ave From South				Mountford Rd From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:45																	
16:45	0	183	0	183	27	0	0	27	1	191	0	192	0	0	2	2	404
17:00	0	133	1	134	35	0	0	35	0	191	0	191	0	0	2	2	362
17:15	0	152	1	153	25	0	1	26	1	169	0	170	1	0	0	1	350
17:30	0	138	0	138	19	1	2	22	2	192	0	194	0	0	7	7	361
Total Volume	0	606	2	608	106	1	3	110	4	743	0	747	1	0	11	12	1477
% App. Total	0	99.7	0.3		96.4	0.9	2.7		0.5	99.5	0		8.3	0	91.7		
PHF	.000	.828	.500	.831	.757	.250	.375	.786	.500	.967	.000	.963	.250	.000	.393	.429	.914



Accurate Counts  
978-664-2565

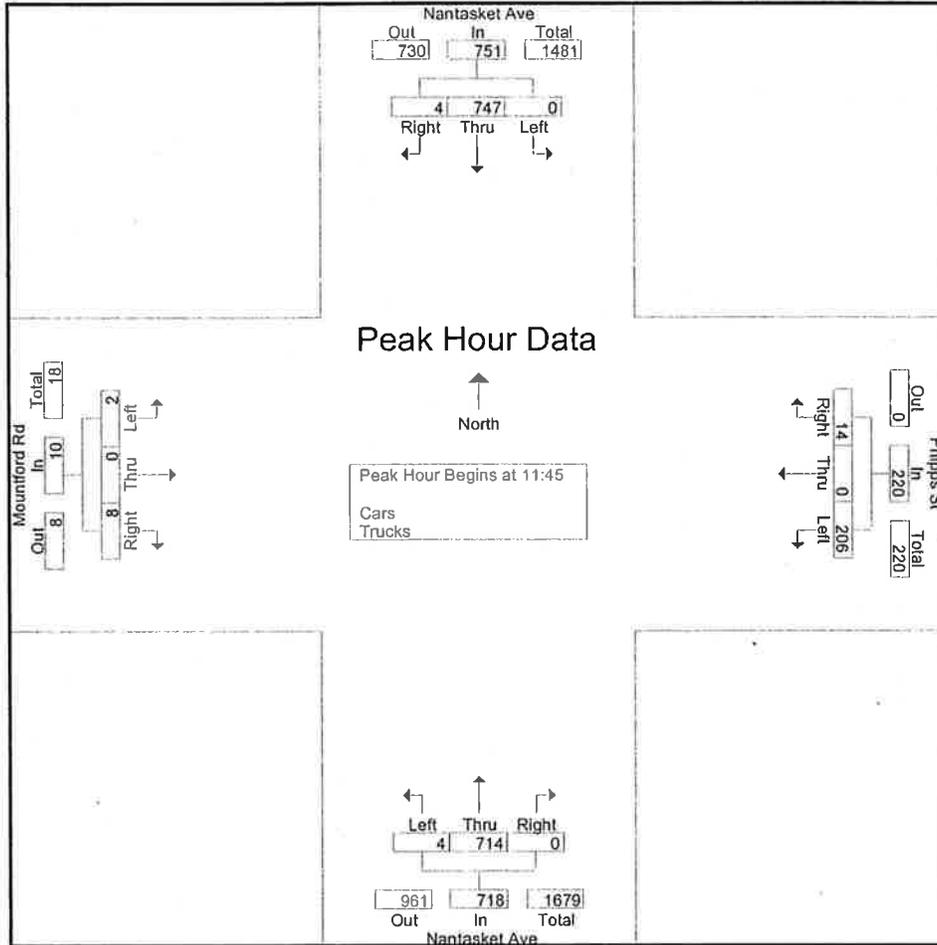
N/S Street : Nantasket Avenue  
E/W Street: Mountford Rd / Phipps St  
City/State : Hull, MA  
Weather : Clear

File Name : 146400A1  
Site Code : 14640001  
Start Date : 8/5/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Phipps St From East				Nantasket Ave From South				Mountford Rd From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
11:00	0	202	1	0	34	0	5	0	0	162	0	0	0	0	2	0	0	406	406
11:15	0	197	2	0	34	0	4	0	3	180	0	0	2	0	5	0	0	427	427
11:30	0	171	1	0	28	0	7	0	3	173	0	0	1	0	2	0	0	386	386
11:45	0	194	3	0	41	0	6	0	0	200	0	0	0	0	2	0	0	446	446
Total	0	764	7	0	137	0	22	0	6	715	0	0	3	0	11	0	0	1665	1665
12:00	0	162	1	0	60	0	4	0	2	168	0	0	2	0	3	0	0	402	402
12:15	0	201	0	0	54	0	2	0	1	185	0	0	0	0	0	0	0	443	443
12:30	0	190	0	0	51	0	2	0	1	161	0	0	0	0	3	0	0	408	408
12:45	0	215	0	0	53	0	9	0	0	161	0	0	0	0	1	0	0	439	439
Total	0	768	1	0	218	0	17	0	4	675	0	0	2	0	7	0	0	1692	1692
13:00	0	140	1	0	54	1	4	0	0	173	0	0	0	0	4	0	0	377	377
13:15	0	150	1	0	56	0	10	0	0	175	0	0	1	0	2	0	0	395	395
13:30	0	157	1	0	65	0	4	0	3	189	0	0	1	0	2	0	0	422	422
13:45	0	156	1	0	77	0	8	0	2	159	0	0	0	0	6	0	0	409	409
Total	0	603	4	0	252	1	26	0	5	696	0	0	2	0	14	0	0	1603	1603
Grand Total	0	2135	12	0	607	1	65	0	15	2086	0	0	7	0	32	0	0	4960	4960
Apprch %	0	99.4	0.6		90.2	0.1	9.7		0.7	99.3	0		17.9	0	82.1				
Total %	0	43	0.2		12.2	0	1.3		0.3	42.1	0		0.1	0	0.6		0	100	
Cars	0	2105	12		605	1	64		15	2062	0		7	0	32		0	0	4903
% Cars	0	98.6	100	0	99.7	100	98.5	0	100	98.8	0	0	100	0	100	0	0	0	98.9
Trucks	0	30	0		2	0	1		0	24	0		0	0	0		0	0	57
% Trucks	0	1.4	0	0	0.3	0	1.5	0	0	1.2	0	0	0	0	0	0	0	0	1.1

Start Time	Nantasket Ave From North				Phipps St From East				Nantasket Ave From South				Mountford Rd From West				App. Total	Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right			
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 11:45																		
11:45	0	194	3	197	41	0	6	47	0	200	0	200	0	0	2	2	446	
12:00	0	162	1	163	60	0	4	64	2	168	0	170	2	0	3	5	402	
12:15	0	201	0	201	54	0	2	56	1	185	0	186	0	0	0	0	443	
12:30	0	190	0	190	51	0	2	53	1	161	0	162	0	0	3	3	408	
Total Volume	0	747	4	751	206	0	14	220	4	714	0	718	2	0	8	10	1699	
% App. Total	0	99.5	0.5		93.6	0	6.4		0.6	99.4	0		20	0	80			
PHF	.000	.929	.333	.934	.858	.000	.583	.859	.500	.893	.000	.898	.250	.000	.667	.500	.952	



N/S Street : Manomet Ave/Hull Shore Dr  
E/W Street: Phipps Street  
City/State : Hull, MA  
Weather : Clear

Loc. #2

File Name : 14640003  
Site Code : 14640003  
Start Date : 8/3/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Manomet Ave From North			Hull Shore Dr Ext From South			Phipps St From West			Exclu. Total	Inclu. Total	Int. Total
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds			
07:00	0	5	0	0	3	0	2	0	1	1	10	11
07:15	0	4	2	1	3	0	0	0	0	2	8	10
07:30	0	5	1	0	1	0	1	0	0	1	7	8
07:45	0	7	0	1	1	0	0	0	1	1	9	10
Total	0	21	3	2	8	0	3	0	2	5	34	39
08:00	0	6	2	1	2	0	2	0	1	3	11	14
08:15	0	9	0	2	1	0	1	0	0	0	13	13
08:30	0	6	0	4	5	1	3	0	0	1	18	19
08:45	0	2	1	4	4	0	2	0	0	1	12	13
Total	0	23	3	11	12	1	8	0	1	5	54	59
Grand Total	0	44	6	13	20	1	11	0	3	10	88	98
Approch %	0	100		39.4	60.6		100	0				
Total %	0	50		14.8	22.7		12.5	0		10.2	89.8	
Cars	0	43		13	20		11	0		0	0	97
% Cars	0	97.7	100	100	100	100	100	0	100	0	0	99
Trucks	0	1		0	0		0	0		0	0	1
% Trucks	0	2.3	0	0	0	0	0	0	0	0	0	1

Start Time	Manomet Ave From North			Hull Shore Dr Ext From South			Phipps St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
08:00	0	6	6	1	2	3	2	0	2	11
08:15	0	9	9	2	1	3	1	0	1	13
08:30	0	6	6	4	5	9	3	0	3	18
08:45	0	2	2	4	4	8	2	0	2	12
Total Volume	0	23	23	11	12	23	8	0	8	54
% App. Total	0	100		47.8	52.2		100	0		
PHF	.000	.639	.639	.688	.600	.639	.667	.000	.667	.750

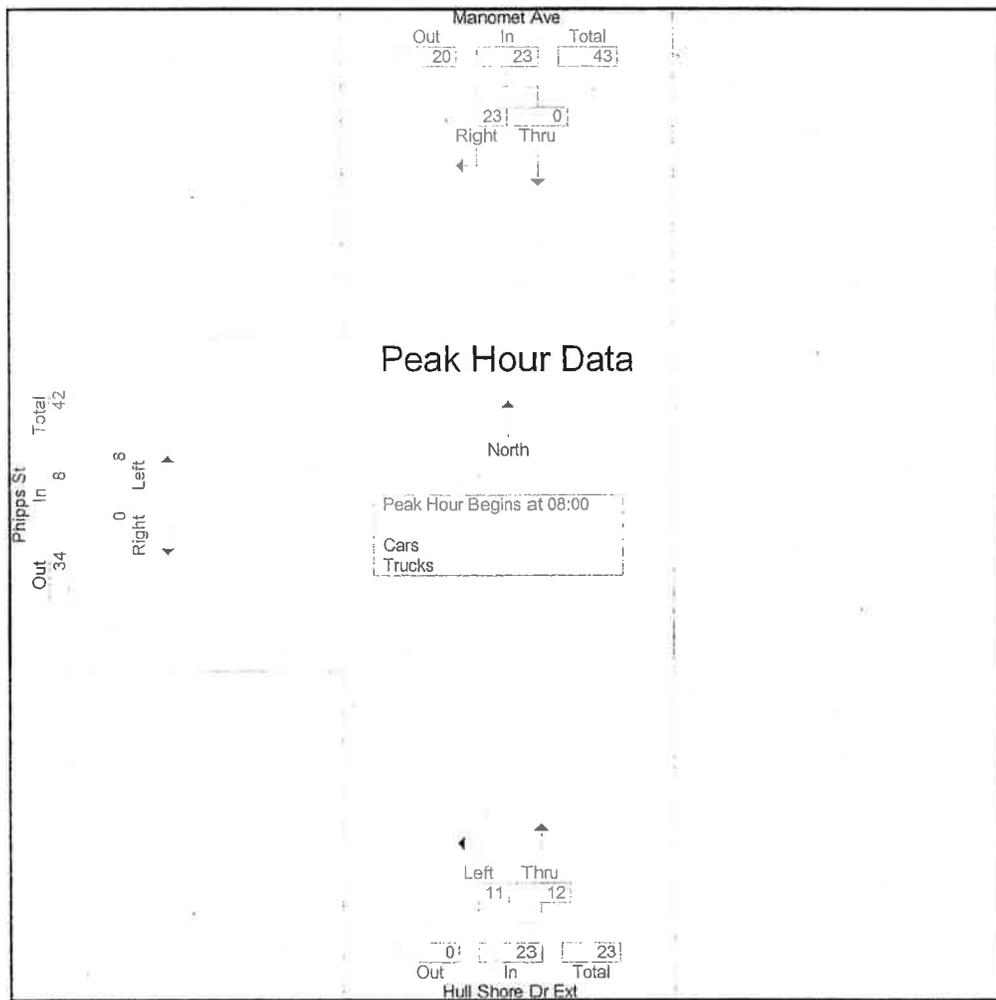
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 08:00

	07:45			08:00			08:00		
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total
+0 mins.	0	7	7	1	2	3	2	0	2
+15 mins.	0	6	6	2	1	3	1	0	1
+30 mins.	0	9	9	4	5	9	3	0	3
+45 mins.	0	6	6	4	4	8	2	0	2
Total Volume	0	28	28	11	12	23	8	0	8
% App. Total	0	100		47.8	52.2		100	0	
PHF	.000	.778	.778	.688	.600	.639	.667	.000	.667

N/S Street : Manomet Ave/Hull Shore Dr  
E/W Street: Phipps Street  
City/State : Hull, MA  
Weather : Clear

File Name : 14640003  
Site Code : 14640003  
Start Date : 8/3/2006  
Page No : 1

Start Time	Manomet Ave From North			Hull Shore Dr Ext From South			Phipps St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00										
08:00	0	6	6	1	2	3	2	0	2	11
08:15	0	9	9	2	1	3	1	0	1	13
08:30	0	6	6	4	5	9	3	0	3	18
08:45	0	2	2	4	4	8	2	0	2	12
Total Volume	0	23	23	11	12	23	8	0	8	54
% App. Total	0	100		47.8	52.2		100	0		
PHF	.000	.639	.639	.688	.600	.639	.667	.000	.667	.750



N/S Street : Manomet Ave/Hull Shore Dr  
E/W Street: Phipps Street  
City/State : Hull, MA  
Weather : Clear

File Name : 14640003  
Site Code : 14640003  
Start Date : 8/3/2006  
Page No : 1

Groups Printed- Cars - Trucks

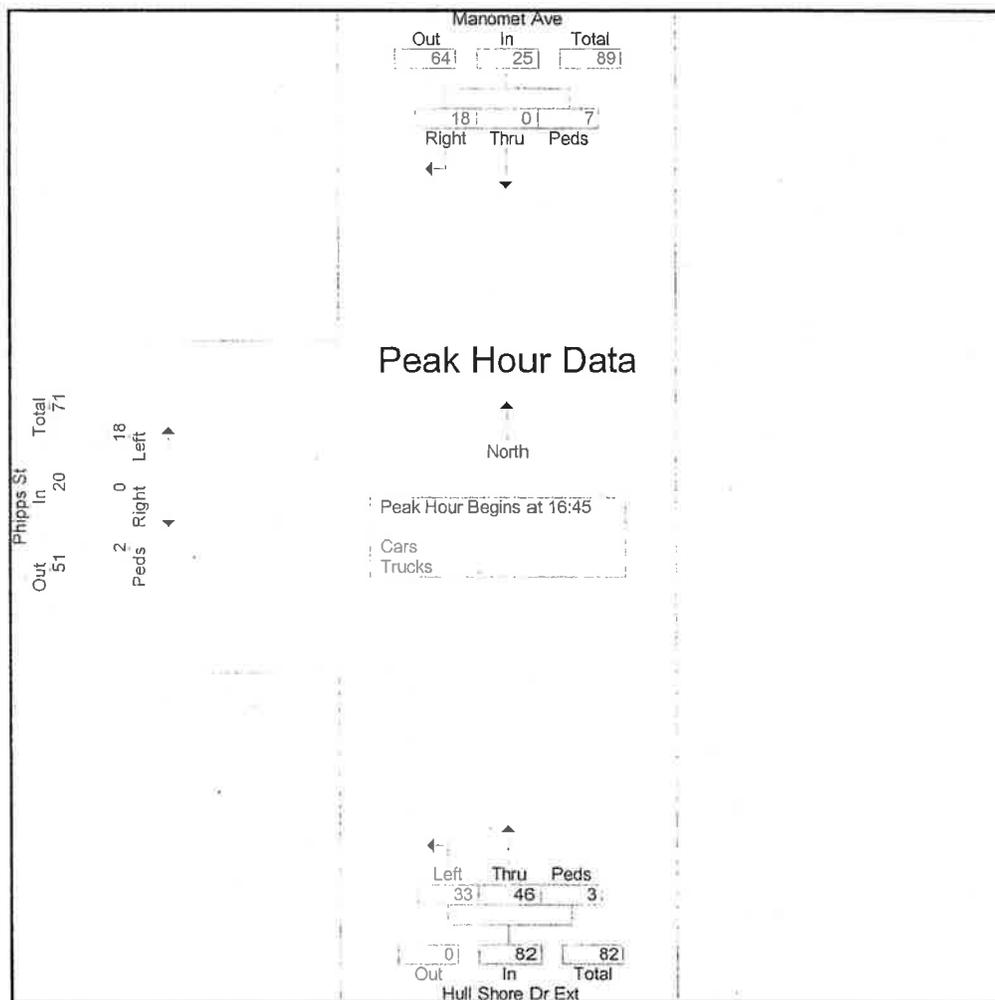
Start Time	Manomet Ave From North			Hull Shore Dr Ext From South			Phipps St From West			Int. Total
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds	
16:00	0	5	3	8	7	0	2	0	1	26
16:15	0	7	0	9	4	0	5	0	1	26
16:30	0	3	1	9	6	0	6	0	0	25
16:45	0	2	4	7	12	1	4	0	0	30
<b>Total</b>	0	17	8	33	29	1	17	0	2	107
17:00	0	5	1	7	14	0	7	0	0	34
17:15	0	5	1	11	10	0	4	0	0	31
17:30	0	6	1	8	10	2	3	0	2	32
17:45	0	3	0	3	7	0	5	0	0	18
<b>Total</b>	0	19	3	29	41	2	19	0	2	115
Grand Total	0	36	11	62	70	3	36	0	4	222
Appreh %	0	76.6	23.4	45.9	51.9	2.2	90	0	10	
Total %	0	16.2	5	27.9	31.5	1.4	16.2	0	1.8	
Cars	0	36	11	62	70	3	36	0	4	222
% Cars	0	100	100	100	100	100	100	0	100	100
Trucks	0	0	0	0	0	0	0	0	0	0
% Trucks	0	0	0	0	0	0	0	0	0	0

Start Time	Manomet Ave From North			Hull Shore Dr Ext From South			Phipps St From West			App. Total	Int. Total	
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds			
Peak Hour Analysis From 07:00 to 17:45 - Peak 1 of 1												
Peak Hour for Entire Intersection Begins at 16:45												
16:45	0	2	4	6	7	12	1	20	4	0	4	30
17:00	0	5	1	6	7	14	0	21	7	0	7	34
17:15	0	5	1	6	11	10	0	21	4	0	4	31
17:30	0	6	1	7	8	10	2	20	3	0	5	32
<b>Total Volume</b>	0	18	7	25	33	46	3	82	18	0	20	127
<b>% App. Total</b>	0	72	28	893	40.2	56.1	3.7	976	90	0	10	
PHF	.000	.750	.438	.893	.750	.821	.375	.976	.643	.000	.250	.934

Peak Hour Analysis From 07:00 to 17:45 - Peak 1 of 1  
Peak Hour for Each Approach Begins at:

	07:30			16:45			16:15					
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds			
+0 mins.	0	5	1	6	7	12	1	20	5	0	1	6
+15 mins.	0	7	0	7	7	14	0	21	6	0	0	6
+30 mins.	0	6	2	8	11	10	0	21	4	0	0	4
+45 mins.	0	9	0	9	8	10	2	20	7	0	0	7
<b>Total Volume</b>	0	27	3	30	33	46	3	82	22	0	1	23
<b>% App. Total</b>	0	90	10	833	40.2	56.1	3.7	976	95.7	0	4.3	
PHF	.000	.750	.375	.833	.750	.821	.375	.976	.786	.000	.250	.821

Start Time	Thru	Manomet Ave From North		App. Total	Hull Shore Dr Ext From South			App. Total	Left	Phipps St From West		App. Total	Int. Total
		Right	Peds		Left	Thru	Peds			Right	Peds		
Peak Hour Analysis From 07:00 to 17:45 - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 16:45													
16:45	0	2	4	6	7	12	1	20	4	0	0	4	30
17:00	0	5	1	6	7	14	0	21	7	0	0	7	34
17:15	0	5	1	6	11	10	0	21	4	0	0	4	31
17:30	0	6	1	7	8	10	2	20	3	0	2	5	32
Total Volume	0	18	7	25	33	46	3	82	18	0	2	20	127
% App. Total	0	72	28		40.2	56.1	3.7		90	0	10		
PHF	.000	.750	.438	.893	.750	.821	.375	.976	.643	.000	.250	.714	.934



N/S Street : Manomet Ave/Hull Shore Dr  
E/W Street: Phipps Street  
City/State : Hull, MA  
Weather : Clear

File Name : 146400A3  
Site Code : 14640003  
Start Date : 8/5/2006  
Page No : 1

Start Time	Manomet Ave From North			Hull Shore Dr Ext From South			Phipps St From West			Exclu. Total	Inclu. Total	Int. Total
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds			
11:00	0	4	0	3	21	0	5	0	0	0	33	33
11:15	0	10	0	4	18	0	7	0	0	0	39	39
11:30	0	8	0	7	21	0	13	0	0	0	49	49
11:45	0	2	0	10	11	0	16	0	0	0	39	39
Total	0	24	0	24	71	0	41	0	0	0	160	160
12:00	0	8	0	15	13	0	23	0	0	0	59	59
12:15	0	10	0	22	12	0	23	1	0	0	68	68
12:30	0	5	0	14	13	0	16	1	0	0	49	49
12:45	0	9	0	17	18	0	19	0	0	0	63	63
Total	0	32	0	68	56	0	81	2	0	0	239	239
13:00	0	6	0	14	14	0	13	0	0	0	47	47
13:15	0	7	0	16	24	0	16	0	0	0	63	63
13:30	0	10	0	19	21	0	8	0	0	0	58	58
13:45	0	12	0	14	12	0	12	0	0	0	50	50
Total	0	35	0	63	71	0	49	0	0	0	218	218
Grand Total	0	91	0	155	198	0	171	2	0	0	617	617
Apprch %	0	100		43.9	56.1		98.8	1.2				
Total %	0	14.7		25.1	32.1		27.7	0.3		0	100	
Cars	0	88		155	198		169	2		0	0	612
% Cars	0	96.7	0	100	100	0	98.8	100	0	0	0	99.2
Trucks	0	3		0	0		2	0		0	0	5
% Trucks	0	3.3	0	0	0	0	1.2	0	0	0	0	0.8

Start Time	Manomet Ave From North			Hull Shore Dr Ext From South			Phipps St From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 12:00										
12:00	0	8	8	15	13	28	23	0	23	59
12:15	0	10	10	22	12	34	23	1	24	68
12:30	0	5	5	14	13	27	16	1	17	49
12:45	0	9	9	17	18	35	19	0	19	63
Total Volume	0	32	32	68	56	124	81	2	83	239
% App. Total	0	100		54.8	45.2		97.6	2.4		
PHF	.000	.800	.800	.773	.778	.886	.880	.500	.865	.879

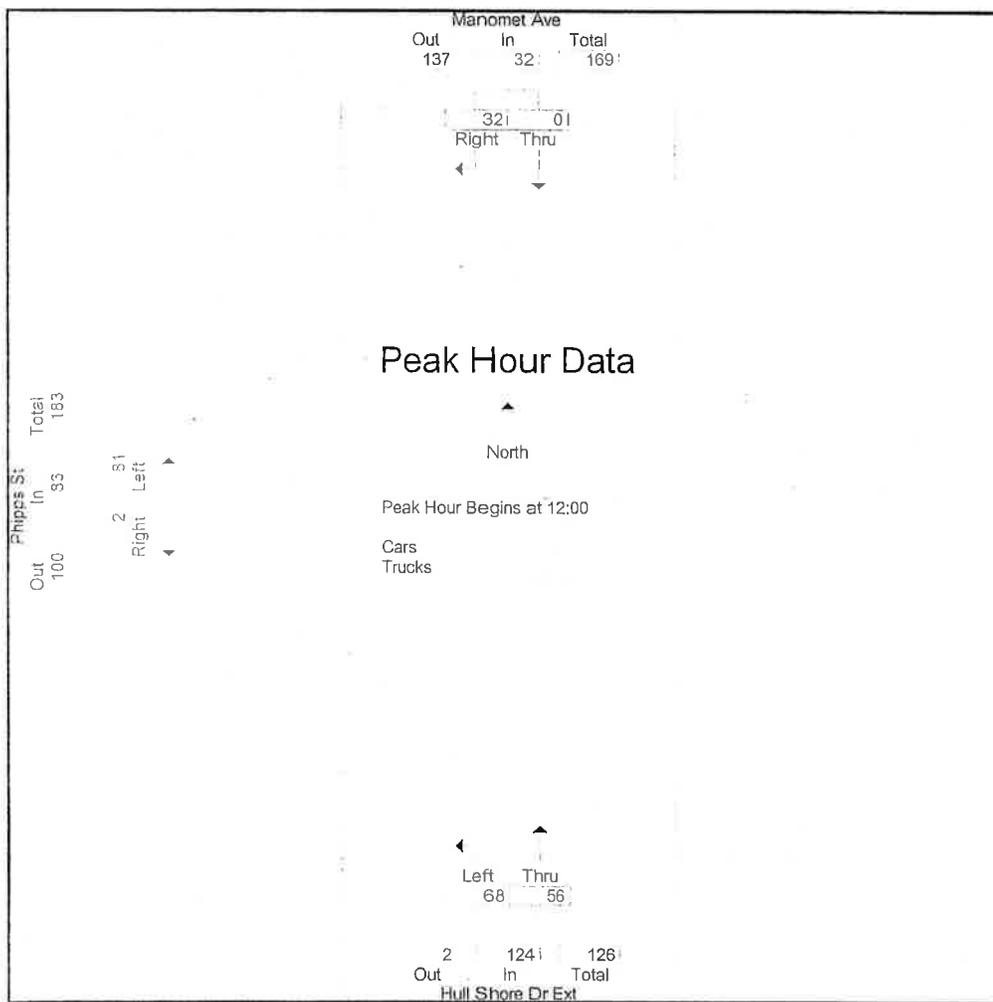
	13:00			12:45			12:00			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1										
Peak Hour for Each Approach Begins at:										
+0 mins.	0	6	6	17	18	35	23	0	23	
+15 mins.	0	7	7	14	14	28	23	1	24	
+30 mins.	0	10	10	16	24	40	16	1	17	
+45 mins.	0	12	12	19	21	40	19	0	19	
Total Volume	0	35	35	66	77	143	81	2	83	
total	0	100		46.2	53.8		97.6	2.4		
PHF	.000	.729	.729	.868	.802	.894	.880	.500	.865	



N/S Street : Manomet Ave/Hull Shore Dr  
E/W Street: Phipps Street  
City/State : Hull, MA  
Weather : Clear

File Name : 146400A3  
Site Code : 14640003  
Start Date : 8/5/2006  
Page No : 1

Start Time	Manomet Ave From North			Hull Shore Dr Ext From South			Phipps St From West		App. Total	Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right		
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 12:00										
12:00	0	8	8	15	13	28	23	0	23	59
12:15	0	10	10	22	12	34	23	1	24	68
12:30	0	5	5	14	13	27	16	1	17	49
12:45	0	9	9	17	18	35	19	0	19	63
Total Volume	0	32	32	68	56	124	81	2	83	239
% App. Total	0	100		54.8	45.2		97.6	2.4		
PIHF	.000	.800	.800	.773	.778	.886	.880	.500	.865	.879



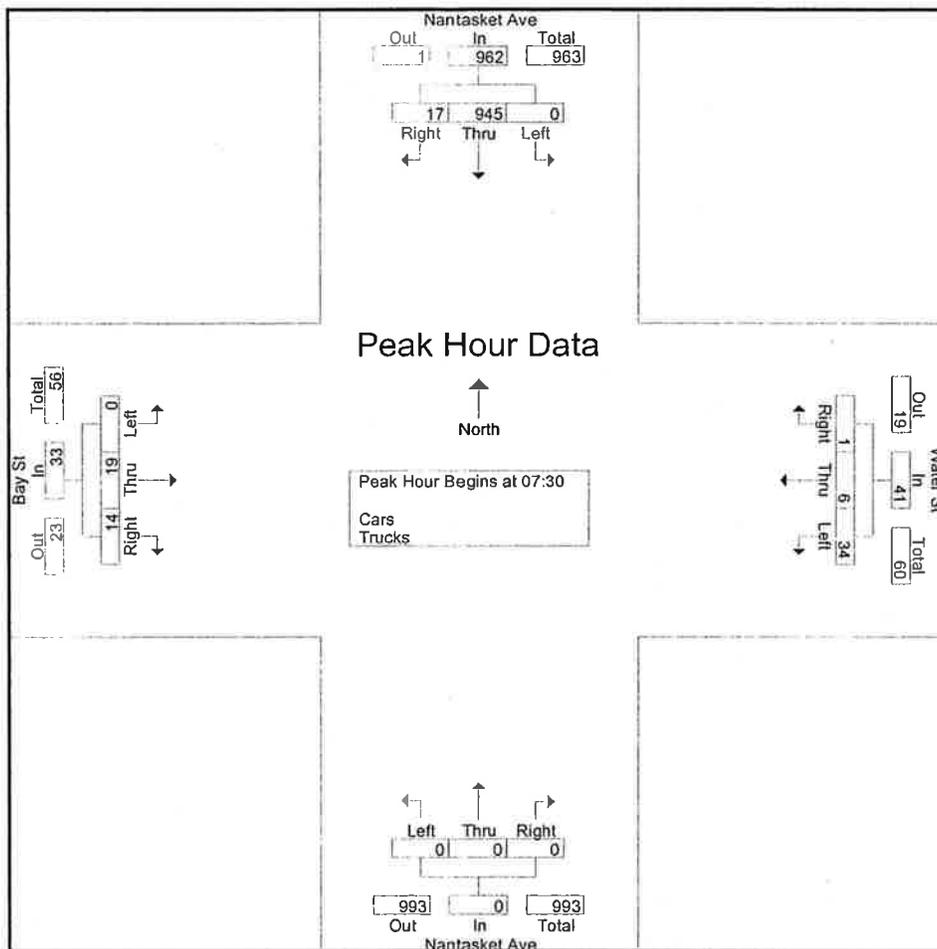
N/S Street : Nantasket Avenue  
E/W Street: Water St / Bay St  
City/State : Hull, MA  
Weather : Clear

File Name : 14640004  
Site Code : 14640004  
Start Date : 8/3/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North			Water St From East			Nantasket Ave From South			Bay St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
07:00	0	189	1	3	0	0	0	0	0	0	5	1	199
07:15	1	191	7	8	1	0	0	0	0	0	4	5	217
07:30	0	245	6	7	2	0	0	0	0	0	6	4	270
07:45	0	216	3	12	0	1	0	0	0	0	4	3	239
Total	1	841	17	30	3	1	0	0	0	0	19	13	925
08:00	0	247	6	10	2	0	0	0	0	0	5	2	272
08:15	0	237	2	5	2	0	0	0	0	0	4	5	255
08:30	0	238	5	8	0	0	0	0	0	0	4	8	263
08:45	1	193	6	16	4	0	0	0	0	0	14	0	234
Total	1	915	19	39	8	0	0	0	0	0	27	15	1024
Grand Total	2	1756	36	69	11	1	0	0	0	0	46	28	1949
Apprch %	0.1	97.9	2	85.2	13.6	1.2	0	0	0	0	62.2	37.8	
Total %	0.1	90.1	1.8	3.5	0.6	0.1	0	0	0	0	2.4	1.4	
Cars	2	1717	34	62	10	1	0	0	0	0	44	28	1898
% Cars	100	97.8	94.4	89.9	90.9	100	0	0	0	0	95.7	100	97.4
Trucks	0	39	2	7	1	0	0	0	0	0	2	0	51
% Trucks	0	2.2	5.6	10.1	9.1	0	0	0	0	0	4.3	0	2.6

Start Time	Nantasket Ave From North				Water St From East				Nantasket Ave From South				Bay St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30																	
07:30	0	245	6	251	7	2	0	9	0	0	0	0	0	6	4	10	270
07:45	0	216	3	219	12	0	1	13	0	0	0	0	0	4	3	7	239
08:00	0	247	6	253	10	2	0	12	0	0	0	0	0	5	2	7	272
08:15	0	237	2	239	5	2	0	7	0	0	0	0	0	4	5	9	255
Total Volume	0	945	17	962	34	6	1	41	0	0	0	0	0	19	14	33	1036
% App. Total	0	98.2	1.8		82.9	14.6	2.4		0	0	0		0	57.6	42.4		
PHF	.000	.956	.708	.951	.708	.750	.250	.788	.000	.000	.000	.000	.000	.792	.700	.825	.952

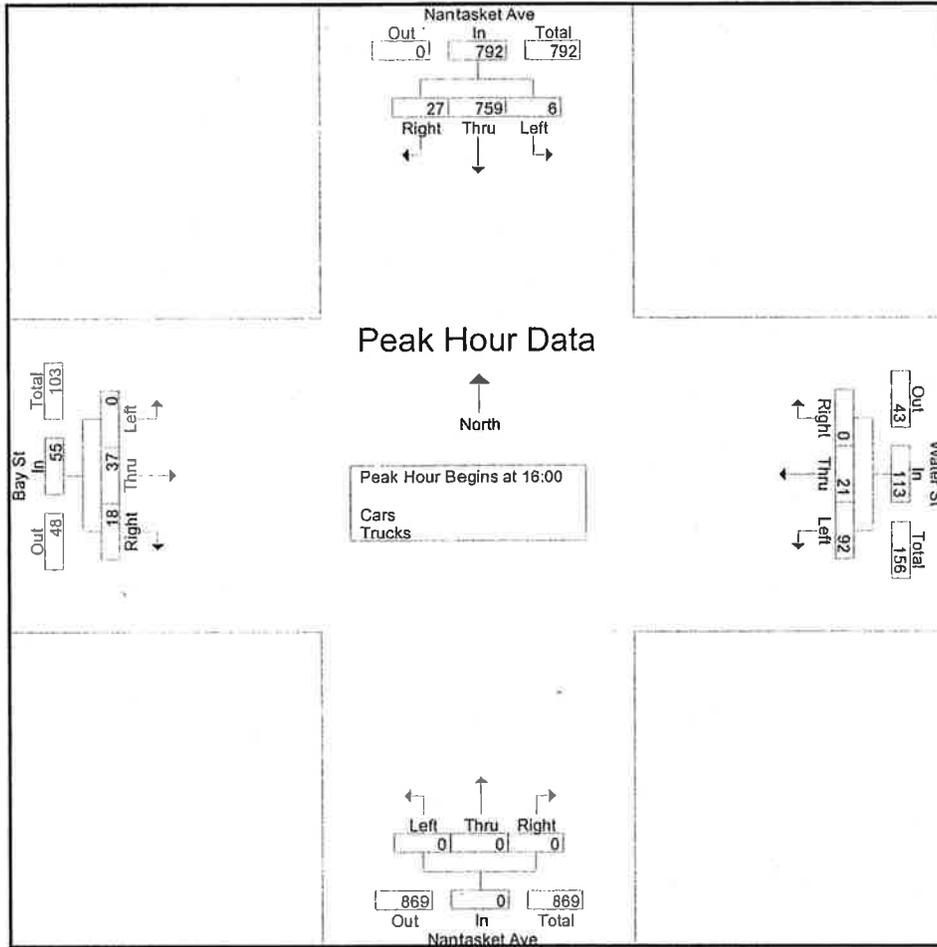


N/S Street : Nantasket Avenue  
E/W Street: Water St / Bay St  
City/State : Hull, MA  
Weather : Clear

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North			Water St From East			Nantasket Ave From South			Bay St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
16:00	2	204	8	24	1	0	0	0	0	0	11	6	256
16:15	0	184	8	21	8	0	0	0	0	0	9	3	233
16:30	2	182	8	24	7	0	0	0	0	0	9	7	239
16:45	2	189	3	23	5	0	0	0	0	0	8	2	232
Total	6	759	27	92	21	0	0	0	0	0	37	18	960
17:00	1	157	15	19	8	0	0	0	0	0	14	3	217
17:15	0	165	10	23	6	0	0	0	0	0	3	1	208
17:30	0	171	8	16	8	0	0	0	0	0	10	1	214
17:45	2	166	14	21	7	0	0	0	0	0	11	8	229
Total	3	659	47	79	29	0	0	0	0	0	38	13	868
Grand Total	9	1418	74	171	50	0	0	0	0	0	75	31	1828
Apprch %	0.6	94.5	4.9	77.4	22.6	0	0	0	0	0	70.8	29.2	
Total %	0.5	77.6	4	9.4	2.7	0	0	0	0	0	4.1	1.7	
Cars	9	1391	73	166	50	0	0	0	0	0	73	31	1793
% Cars	100	98.1	98.6	97.1	100	0	0	0	0	0	97.3	100	98.1
Trucks	0	27	1	5	0	0	0	0	0	0	2	0	35
% Trucks	0	1.9	1.4	2.9	0	0	0	0	0	0	2.7	0	1.9

Start Time	Nantasket Ave From North				Water St From East				Nantasket Ave From South				Bay St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:00																	
16:00	2	204	8	214	24	1	0	25	0	0	0	0	0	11	6	17	256
16:15	0	184	8	192	21	8	0	29	0	0	0	0	0	9	3	12	233
16:30	2	182	8	192	24	7	0	31	0	0	0	0	0	9	7	16	239
16:45	2	189	3	194	23	5	0	28	0	0	0	0	0	8	2	10	232
Total Volume	6	759	27	792	92	21	0	113	0	0	0	0	0	37	18	55	960
% App. Total	0.8	95.8	3.4		81.4	18.6	0		0	0	0		0	67.3	32.7		
PHF	.750	.930	.844	.925	.958	.656	.000	.911	.000	.000	.000	.000	.000	.841	.643	.809	.938



Accurate Counts  
978-664-2565

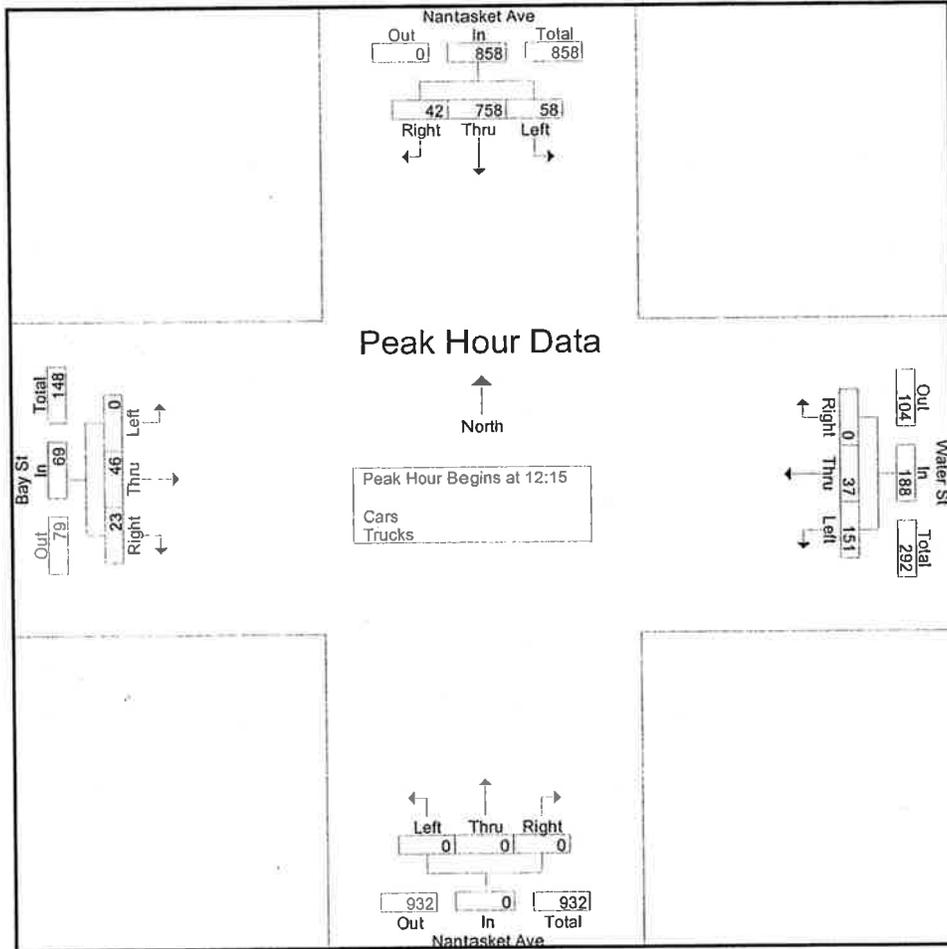
N/S Street : Nantasket Avenue  
E/W Street: Water St / Bay St  
City/State : Hull, MA  
Weather : Clear

File Name : 146400A4  
Site Code : 14640004  
Start Date : 8/5/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North			Water St From East			Nantasket Ave From South			Bay St From West			Int. Total
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
11:00	1	178	10	25	4	0	0	0	0	0	10	3	231
11:15	2	182	13	31	9	0	0	0	0	0	9	2	248
11:30	2	181	14	29	11	0	0	0	0	0	13	3	253
11:45	11	209	17	36	4	0	0	0	0	0	13	11	301
Total	16	750	54	121	28	0	0	0	0	0	45	19	1033
12:00	13	159	10	22	3	0	0	0	0	0	14	5	226
12:15	18	176	12	41	9	0	0	0	0	0	14	4	274
12:30	11	201	9	43	6	0	0	0	0	0	9	7	286
12:45	15	201	14	24	10	0	0	0	0	0	14	7	285
Total	57	737	45	130	28	0	0	0	0	0	51	23	1071
13:00	14	180	7	43	12	0	0	0	0	0	9	5	270
13:15	6	153	12	31	8	0	0	0	0	0	11	3	224
13:30	19	157	7	37	8	0	0	0	0	0	11	1	240
13:45	4	196	16	32	9	0	0	0	0	0	13	2	272
Total	43	686	42	143	37	0	0	0	0	0	44	11	1006
Grand Total	116	2173	141	394	93	0	0	0	0	0	140	53	3110
Apprch %	4.8	89.4	5.8	80.9	19.1	0	0	0	0	0	72.5	27.5	
Total %	3.7	69.9	4.5	12.7	3	0	0	0	0	0	4.5	1.7	
Cars	116	2143	134	392	92	0	0	0	0	0	138	53	3068
% Cars	100	98.6	95	99.5	98.9	0	0	0	0	0	98.6	100	98.6
Trucks	0	30	7	2	1	0	0	0	0	0	2	0	42
% Trucks	0	1.4	5	0.5	1.1	0	0	0	0	0	1.4	0	1.4

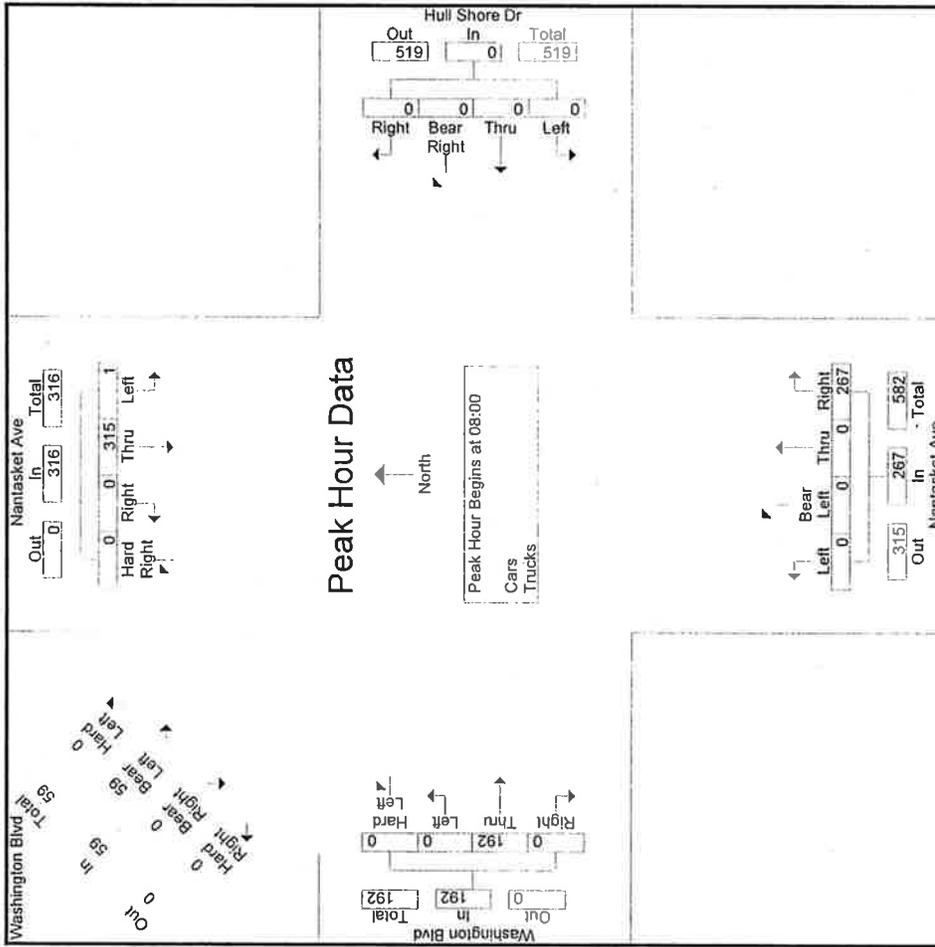
Start Time	Nantasket Ave From North				Water St From East				Nantasket Ave From South				Bay St From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:15																	
12:15	18	176	12	206	41	9	0	50	0	0	0	0	0	14	4	18	274
12:30	11	201	9	221	43	6	0	49	0	0	0	0	0	9	7	16	286
12:45	15	201	14	230	24	10	0	34	0	0	0	0	0	14	7	21	285
13:00	14	180	7	201	43	12	0	55	0	0	0	0	0	9	5	14	270
Total Volume	58	758	42	858	151	37	0	188	0	0	0	0	0	46	23	69	1115
% App. Total	6.8	88.3	4.9		80.3	19.7	0		0	0	0	0	0	66.7	33.3		
PHF	.806	.943	.750	.933	.878	.771	.000	.855	.000	.000	.000	.000	.000	.821	.821	.821	.975





Accurate Counts  
978-664-2565

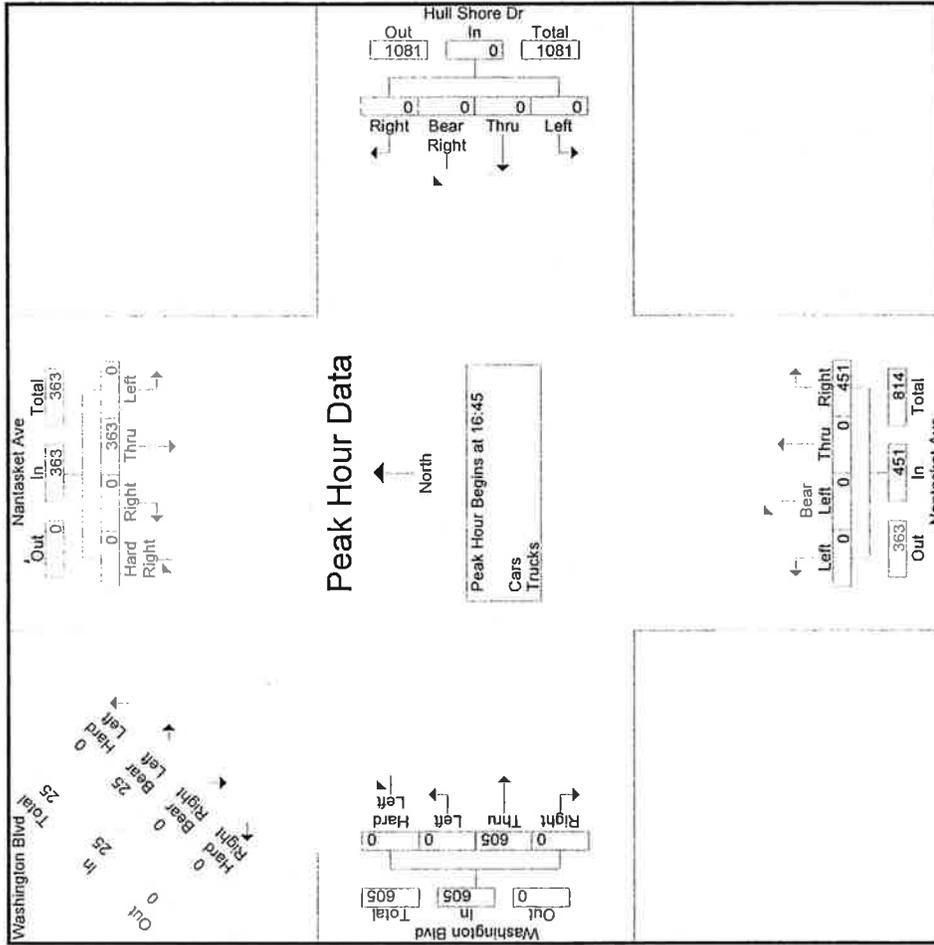
File Name : 14640005  
Site Code : 14640005  
Start Date : 8/3/2006  
Page No : 2





Accurate Counts  
978-664-2565

File Name : 14640005  
Site Code : 14640005  
Start Date : 8/3/2006  
Page No : 2







N/S Street : George Washington Blvd  
 E/W Street: Nantasket Avenue  
 City/State : Hull, MA  
 Weather : Clear

Accurate Counts  
 978-664-2565

File Name : 14640009  
 Site Code : 14640009  
 Start Date : 8/3/2006  
 Page No : 1

**LOC. # 5**

Groups Printed- Cars - Trucks

Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Peds	Left	Right	Peds	Thru	Right	Peds			
07:00	10	175	0	0	0	0	14	27	0	0	226	226
07:15	7	178	0	0	0	0	14	39	0	0	238	238
07:30	9	197	0	0	0	0	12	29	0	0	247	247
07:45	16	180	0	0	0	0	12	41	0	0	249	249
Total	42	730	0	0	0	0	52	136	0	0	960	960
08:00	11	187	0	0	0	0	11	44	0	0	253	253
08:15	22	185	0	0	0	0	18	33	0	0	258	258
08:30	13	180	0	0	0	0	21	46	0	0	260	260
08:45	12	154	0	0	0	0	28	73	0	0	267	267
Total	58	706	0	0	0	0	78	196	0	0	1038	1038
Grand Total	100	1436	0	0	0	0	130	332	0	0	1998	1998
Approch %	6.5	93.5		0	0		28.1	71.9				
Total %	5	71.9		0	0		6.5	16.6		0	100	
Cars	99	1419		0	0		126	315		0	0	1959
% Cars	99	98.8	0	0	0	0	96.9	94.9	0	0	0	98
Trucks	1	17		0	0		4	17		0	0	39
% Trucks	1	1.2	0	0	0	0	3.1	5.1	0	0	0	2

Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00										
08:00	11	187	198	0	0	0	11	44	55	253
08:15	22	185	207	0	0	0	18	33	51	258
08:30	13	180	193	0	0	0	21	46	67	260
08:45	12	154	166	0	0	0	28	73	101	267
Total Volume	58	706	764	0	0	0	78	196	274	1038
% App. Total	7.6	92.4		0	0		28.5	71.5		
PHF	.659	.944	.923	.000	.000	.000	.696	.671	.678	.972

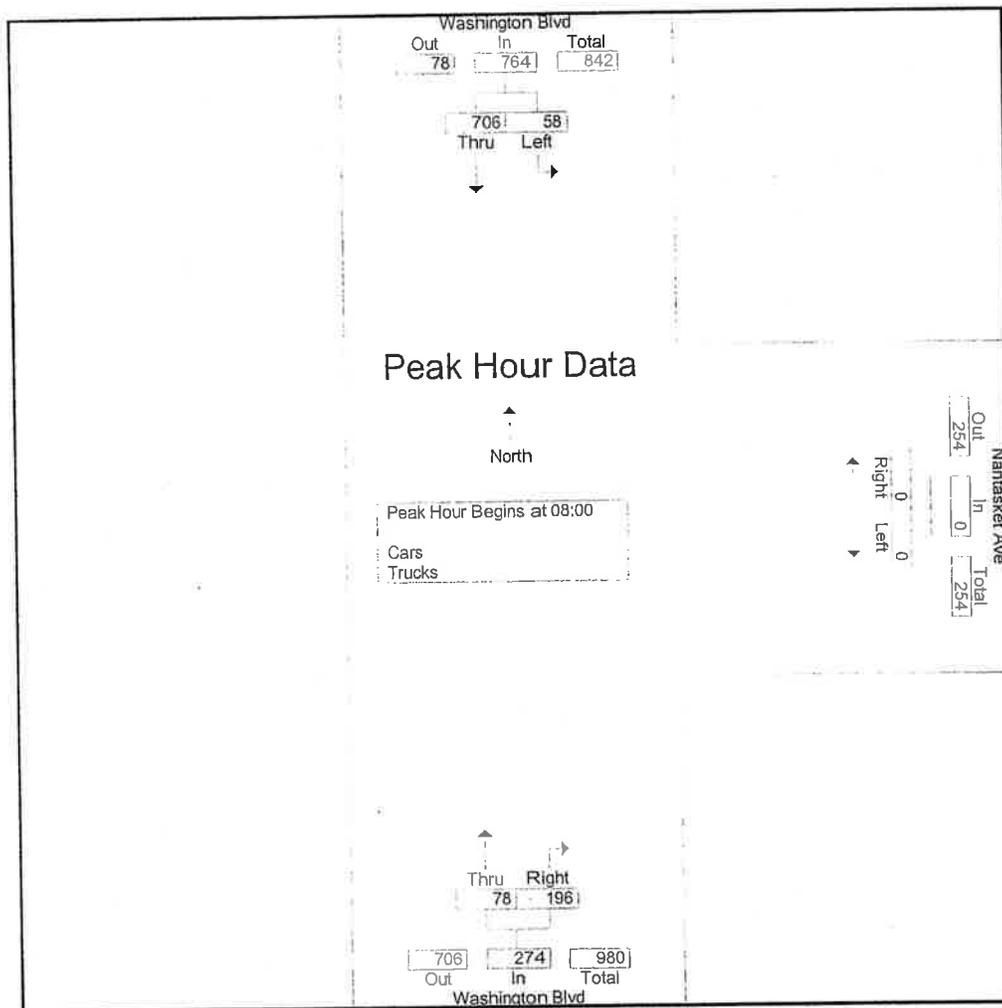
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1  
 Peak Hour for Each Approach Begins at:

	07:30			07:00			08:00		
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total
+0 mins.	9	197	206	0	0	0	11	44	55
+15 mins.	16	180	196	0	0	0	18	33	51
+30 mins.	11	187	198	0	0	0	21	46	67
+45 mins.	22	185	207	0	0	0	28	73	101
Total Volume	58	749	807	0	0	0	78	196	274
% App. Total	7.2	92.8		0	0		28.5	71.5	
PHF	.659	.951	.975	.000	.000	.000	.696	.671	.678

N/S Street : George Washington Blvd  
E/W Street: Nantasket Avenue  
City/State : Hull, MA  
Weather : Clear

File Name : 14640009  
Site Code : 14640009  
Start Date : 8/3/2006  
Page No : 1

Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00										
08:00	11	187	198	0	0	0	11	44	55	253
08:15	22	185	207	0	0	0	18	33	51	258
08:30	13	180	193	0	0	0	21	46	67	260
08:45	12	154	166	0	0	0	28	73	101	267
Total Volume	58	706	764	0	0	0	78	196	274	1038
% App. Total	7.6	92.4		0	0		28.5	71.5		
PHF	.659	944	.923	.000	.000	.000	.696	.671	.678	.972



N/S Street : George Washington Blvd  
E/W Street: Nantasket Avenue  
City/State : Hull, MA  
Weather : Clear

File Name : 14640009  
Site Code : 14640009  
Start Date : 8/3/2006  
Page No : 1

Groups Printed- Cars

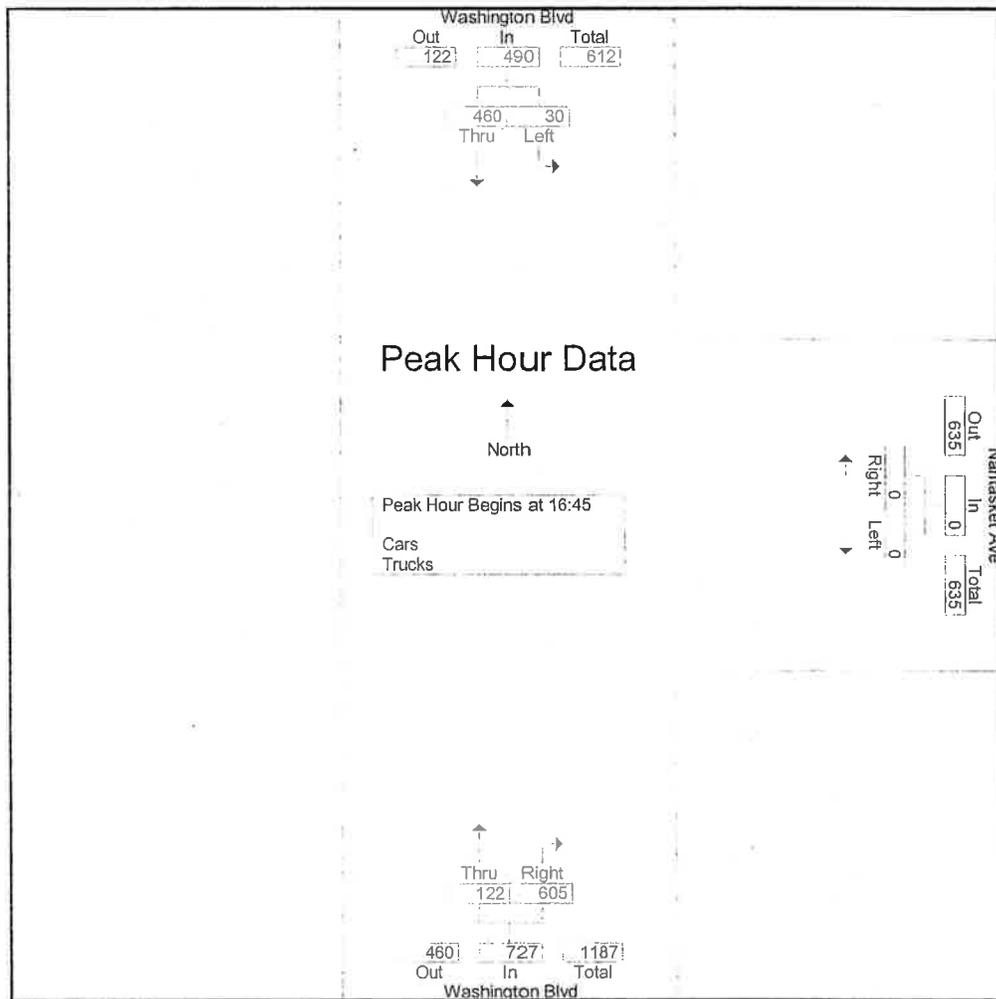
Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Peds	Left	Right	Peds	Thru	Right	Peds			
16:00	10	88	0	0	0	0	26	138	0	0	262	262
16:15	8	125	0	0	0	0	31	127	0	0	291	291
16:30	10	130	0	0	0	0	31	110	0	0	281	281
16:45	9	126	0	0	0	0	26	151	0	0	312	312
Total	37	469	0	0	0	0	114	526	0	0	1146	1146
17:00	4	118	0	0	0	0	37	136	0	0	295	295
17:15	4	98	0	0	0	0	28	161	0	0	291	291
17:30	12	114	0	0	0	0	31	150	1	1	307	308
17:45	7	117	0	0	0	0	24	152	0	0	300	300
Total	27	447	0	0	0	0	120	599	1	1	1193	1194
Grand Total	64	916	0	0	0	0	234	1125	1	1	2339	2340
Apprch %	6.5	93.5		0	0		17.2	82.8				
Total %	2.7	39.2		0	0		10	48.1		0	100	

Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 16:45										
16:45	9	126	135	0	0	0	26	151	177	312
17:00	4	118	122	0	0	0	37	136	173	295
17:15	4	98	102	0	0	0	28	161	189	291
17:30	12	114	126	0	0	0	31	150	181	307
Total Volume	29	456	485	0	0	0	122	598	720	1205
% App. Total	6	94		0	0		16.9	83.1		
PHF	.604	.905	.898	.000	.000	.000	.824	.929	.952	.966

Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1  
Peak Hour for Each Approach Begins at:

	16:15			16:00			16:45		
+0 mins.	8	125	133	0	0	0	26	151	177
+15 mins.	10	130	140	0	0	0	37	136	173
+30 mins.	9	126	135	0	0	0	28	161	189
+45 mins.	4	118	122	0	0	0	31	150	181
Total Volume	31	499	530	0	0	0	122	598	720
% App. Total	5.8	94.2		0	0		16.9	83.1	
PHF	.775	.960	.946	.000	.000	.000	.824	.929	.952

Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 16:45										
16:45	9	126	135	0	0	0	26	152	178	313
17:00	5	119	124	0	0	0	37	139	176	300
17:15	4	100	104	0	0	0	28	161	189	293
17:30	12	115	127	0	0	0	31	153	184	311
Total Volume	30	460	490	0	0	0	122	605	727	1217
% App. Total	6.1	93.9		0	0		16.8	83.2		
PHF	.625	.913	.907	.000	.000	.000	.824	.939	.962	.972



Accurate Counts  
978-664-2565

N/S Street : George Washington Blvd  
E/W Street: Nantasket Avenue  
City/State : Hull, MA  
Weather : Clear

File Name : 146400A9  
Site Code : 14640009  
Start Date : 8/5/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Peds	Left	Right	Peds	Thru	Right	Peds			
11:00	19	140	0	0	0	0	40	154	0	0	353	353
11:15	24	154	0	0	0	0	30	151	0	0	359	359
11:30	23	143	0	0	0	0	28	177	0	0	371	371
11:45	18	150	0	0	0	0	32	191	4	4	391	395
Total	84	587	0	0	0	0	130	673	4	4	1474	1478
12:00	15	119	0	0	0	0	28	172	0	0	334	334
12:15	23	145	0	0	0	0	41	146	0	0	355	355
12:30	10	140	0	0	0	0	34	164	0	0	348	348
12:45	27	143	0	0	0	0	38	175	0	0	383	383
Total	75	547	0	0	0	0	141	657	0	0	1420	1420
13:00	15	139	0	0	0	0	37	168	0	0	359	359
13:15	11	136	0	0	0	2	32	170	0	2	349	351
13:30	12	154	0	0	0	2	25	168	0	2	359	361
13:45	13	152	2	0	0	0	25	152	0	2	342	344
Total	51	581	2	0	0	4	119	658	0	6	1409	1415
Grand Total	210	1715	2	0	0	4	390	1988	4	10	4303	4313
Appreh %	10.9	89.1		0	0		16.4	83.6				
Total %	4.9	39.9		0	0		9.1	46.2		0.2	99.8	
Cars	209	1697		0	0		384	1977		0	0	4277
% Cars	99.5	99	100	0	0	100	98.5	99.4	100	0	0	99.2
Trucks	1	18		0	0		6	11		0	0	36
% Trucks	0.5	1	0	0	0	0	1.5	0.6	0	0	0	0.8

Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
11:00	19	140	159	0	0	0	40	154	194	353
11:15	24	154	178	0	0	0	30	151	181	359
11:30	23	143	166	0	0	0	28	177	205	371
11:45	18	150	168	0	0	0	32	191	223	391
Total Volume	84	587	671	0	0	0	130	673	803	1474
% App. Total	12.5	87.5		0	0		16.2	83.8		
PIHF	.875	.953	.942	.000	.000	.000	.813	.881	.900	.942

Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1  
Peak Hour for Each Approach Begins at:

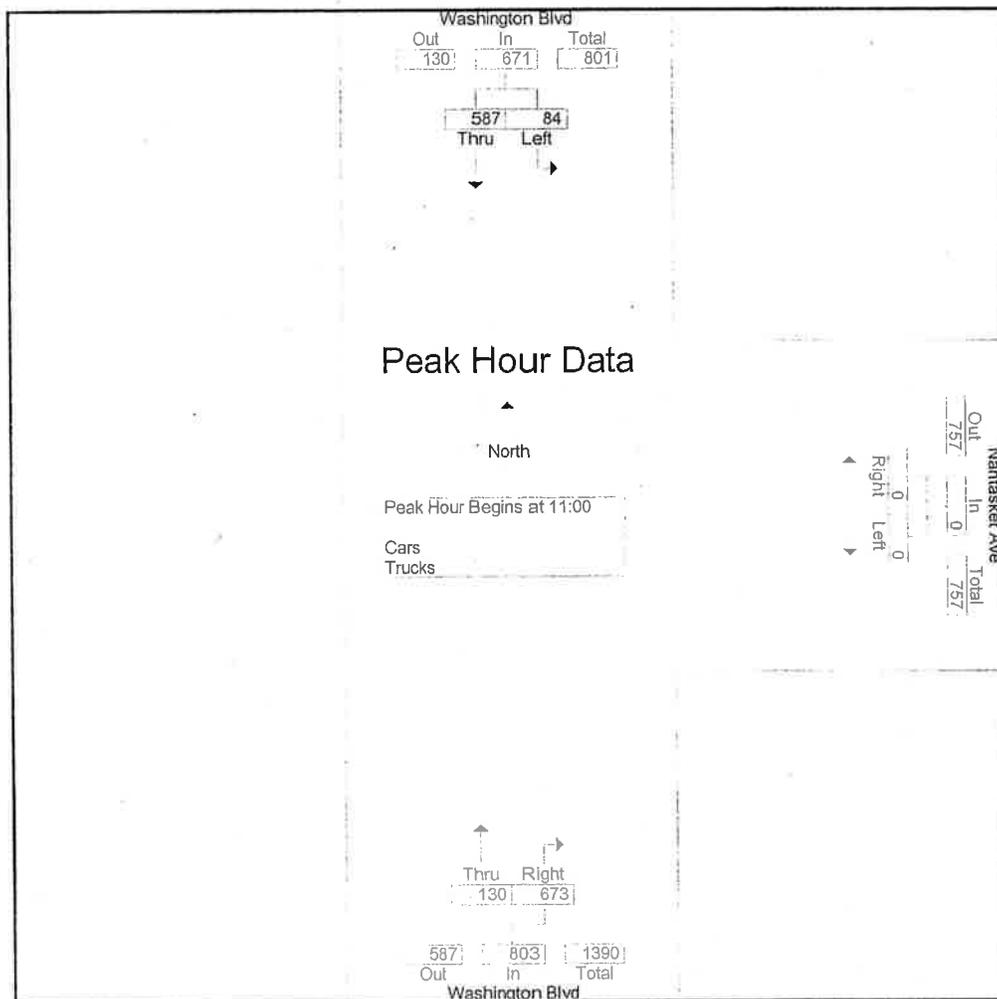
	11:00			12:30		
+0 mins.	19	140	159	0	0	0
+15 mins.	24	154	178	0	0	0
+30 mins.	23	143	166	0	0	0
+45 mins.	18	150	168	0	0	0
Total Volume	84	587	671	0	0	0
Total	12.5	87.5		0	0	0
PIHF	.875	.953	.942	.000	.000	.000

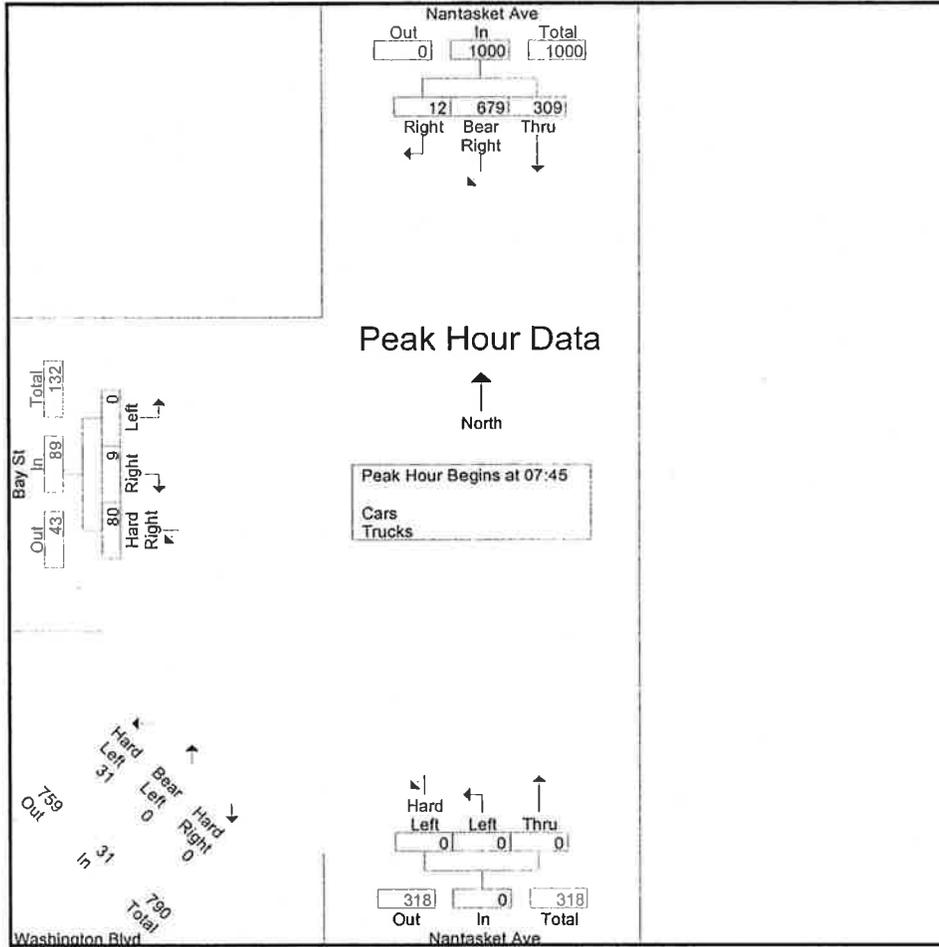
Accurate Counts  
978-664-2565

N/S Street : George Washington Blvd  
E/W Street: Nantasket Avenue  
City/State : Hull, MA  
Weather : Clear

File Name : 146400A9  
Site Code : 14640009  
Start Date : 8/5/2006  
Page No : 1

Start Time	Washington Blvd From North			Nantasket Ave From East			Washington Blvd From South			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 11:00										
11:00	19	140	159	0	0	0	40	154	194	353
11:15	24	154	178	0	0	0	30	151	181	359
11:30	23	143	166	0	0	0	28	177	205	371
11:45	18	150	168	0	0	0	32	191	223	391
Total Volume	84	587	671	0	0	0	130	673	803	1474
% App. Total	12.5	87.5		0	0		16.2	83.8		
PIIF	.875	.953	.942	.000	.000	.000	.813	.881	.900	.942





Accurate Counts  
978-664-2565

N/S Street : Nantasket Avenue  
E/W Street: Bay Street  
City/State : Hull, MA  
Weather : Clear

File Name : 14640008  
Site Code : 14640008  
Start Date : 8/3/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Nantasket Ave From South				Washington Blvd From Southwest				Bay St From West				Exclu. Total	Inclu. Total	Int. Total
	Thru	Bear Right	Right	Peds	Hard Left	Left	Thru	Peds	Hard Left	Bear Left	Hard Right	Peds	Left	Right	Hard Right	Peds			
07:00	29	159	2	2	0	0	0	2	8	0	0	0	0	1	21	0	4	220	224
07:15	47	158	4	4	0	0	0	7	7	0	0	0	0	3	20	4	15	239	254
07:30	63	176	1	6	0	0	0	5	7	0	0	1	0	3	28	8	20	278	298
07:45	68	165	2	4	0	0	0	11	6	0	0	0	0	0	18	1	16	259	275
Total	207	658	9	16	0	0	0	25	28	0	0	1	0	7	87	13	55	996	1051
08:00	67	180	4	7	0	0	0	11	8	0	0	2	0	3	20	3	23	282	305
08:15	74	164	2	2	0	0	0	17	7	0	0	0	0	2	23	8	27	272	299
08:30	100	170	4	18	0	0	0	13	10	0	0	0	0	4	19	9	40	307	347
08:45	62	145	4	22	0	0	0	22	11	0	0	0	0	0	19	2	46	241	287
Total	303	659	14	49	0	0	0	63	36	0	0	2	0	9	81	22	136	1102	1238
Grand Total	510	1317	23	65	0	0	0	88	64	0	0	3	0	16	168	35	191	2098	2289
Apprch %	27.6	71.2	1.2		0	0	0		100	0	0		0	8.7	91.3				
Total %	24.3	62.8	1.1		0	0	0		3.1	0	0		0	0.8	8		8.3	91.7	
Cars	490	1294	23		0	0	0		64	0	0		0	12	168		0	0	2242
% Cars	96.1	98.3	100	100	0	0	0	100	100	0	0	100	0	75	100	100	0	0	97.9
Trucks	20	23	0		0	0	0		0	0	0		0	4	0		0	0	47
% Trucks	3.9	1.7	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	2.1

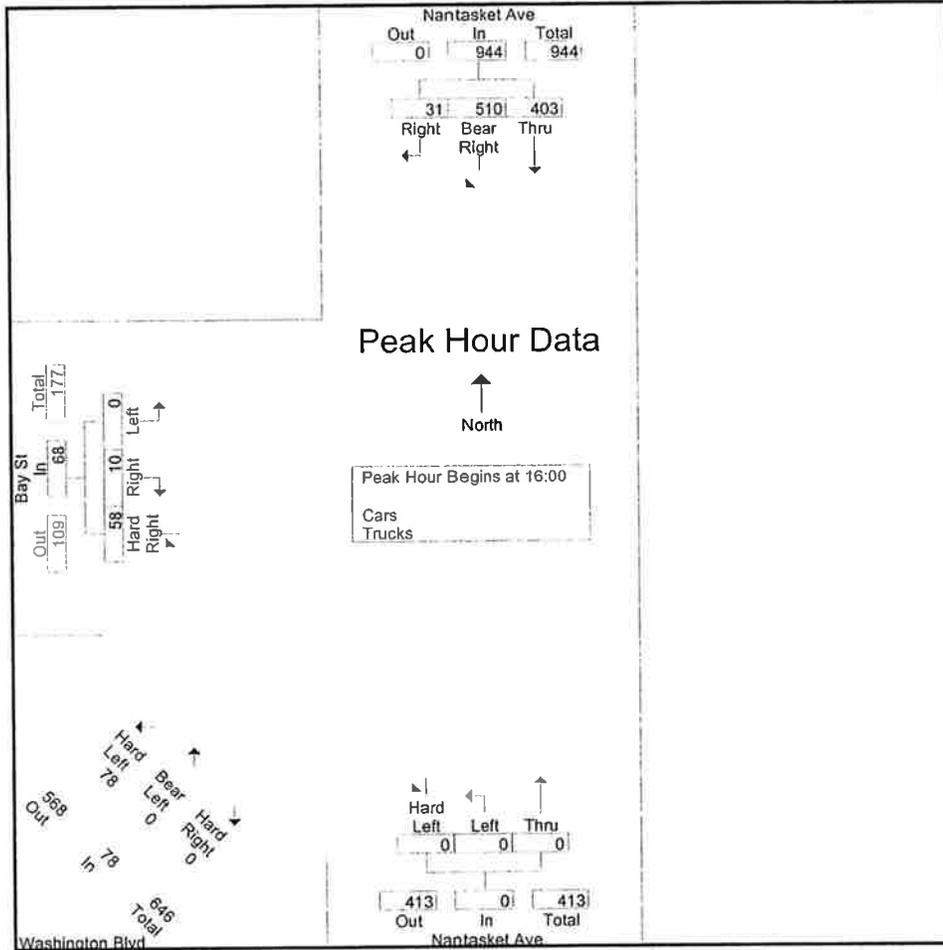
Start Time	Nantasket Ave From North				Nantasket Ave From South				Washington Blvd From Southwest				Bay St From West				Int. Total
	Thru	Bear Right	Right	App. Total	Hard Left	Left	Thru	App. Total	Hard Left	Bear Left	Hard Right	App. Total	Left	Right	Hard Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45																	
07:45	68	165	2	235	0	0	0	0	6	0	0	6	0	0	18	18	259
08:00	67	180	4	251	0	0	0	0	8	0	0	8	0	3	20	23	282
08:15	74	164	2	240	0	0	0	0	7	0	0	7	0	2	23	25	272
08:30	100	170	4	274	0	0	0	0	10	0	0	10	0	4	19	23	307
Total Volume	309	679	12	1000	0	0	0	0	31	0	0	31	0	9	80	89	1120
% App. Total	30.9	67.9	1.2		0	0	0		100	0	0		0	10.1	89.9		
PHF	.773	.943	.750	.912	.000	.000	.000	.000	.775	.000	.000	.775	.000	.563	.870	.890	.912

N/S Street : Nantasket Avenue  
E/W Street: Bay Street  
City/State : Hull, MA  
Weather : Clear

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Nantasket Ave From South				Washington Blvd From Southwest				Bay St From West				Exclu. Total	Inclu. Total	Int. Total
	Thru	Bear Right	Right	Peds	Hard Left	Left	Thru	Peds	Hard Left	Bear Left	Hard Right	Peds	Left	Right	Hard Right	Peds			
16:00	121	128	5	21	0	0	0	16	16	0	0	1	0	3	15	9	47	288	335
16:15	93	113	8	3	0	0	0	2	19	0	0	0	0	6	16	5	10	255	265
16:30	97	131	11	8	0	0	0	4	15	0	0	0	0	0	13	5	17	267	284
16:45	92	138	7	14	0	0	0	13	28	0	0	1	0	1	14	4	32	280	312
Total	403	510	31	46	0	0	0	35	78	0	0	2	0	10	58	23	106	1090	1196
17:00	66	92	5	10	0	0	0	9	29	0	0	1	0	1	16	9	29	209	238
17:15	82	104	4	22	0	0	0	10	18	0	0	2	0	1	5	7	41	214	255
17:30	78	126	4	9	0	0	0	4	27	0	0	0	0	6	7	4	17	248	265
17:45	87	108	8	8	0	0	0	4	22	0	0	1	0	2	17	2	15	244	259
Total	313	430	21	49	0	0	0	27	96	0	0	4	0	10	45	22	102	915	1017
Grand Total	716	940	52	95	0	0	0	62	174	0	0	6	0	20	103	45	208	2005	2213
Apprch %	41.9	55	3		0	0	0		100	0	0		0	16.3	83.7				
Total %	35.7	46.9	2.6		0	0	0		8.7	0	0		0	1	5.1		9.4	90.6	
Cars	694	923	52		0	0	0		174	0	0		0	17	103		0	0	2171
% Cars	96.9	98.2	100	100	0	0	0	100	100	0	0	100	0	85	100	100	0	0	98.1
Trucks	22	17	0		0	0	0		0	0	0		0	3	0		0	0	42
% Trucks	3.1	1.8	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	1.9

Start Time	Nantasket Ave From North				Nantasket Ave From South				Washington Blvd From Southwest				Bay St From West				Int. Total
	Thru	Bear Right	Right	App. Total	Hard Left	Left	Thru	App. Total	Hard Left	Bear Left	Hard Right	App. Total	Left	Right	Hard Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:00																	
16:00	121	128	5	254	0	0	0	0	16	0	0	16	0	3	15	18	288
16:15	93	113	8	214	0	0	0	0	19	0	0	19	0	6	16	22	255
16:30	97	131	11	239	0	0	0	0	15	0	0	15	0	0	13	13	267
16:45	92	138	7	237	0	0	0	0	28	0	0	28	0	1	14	15	280
Total Volume	403	510	31	944	0	0	0	0	78	0	0	78	0	10	58	68	1090
% App. Total	42.7	54	3.3		0	0	0		100	0	0		0	14.7	85.3		
PHF	.833	.924	.705	.929	.000	.000	.000	.000	.696	.000	.000	.696	.000	.417	.906	.773	.946



Accurate Counts  
978-664-2565

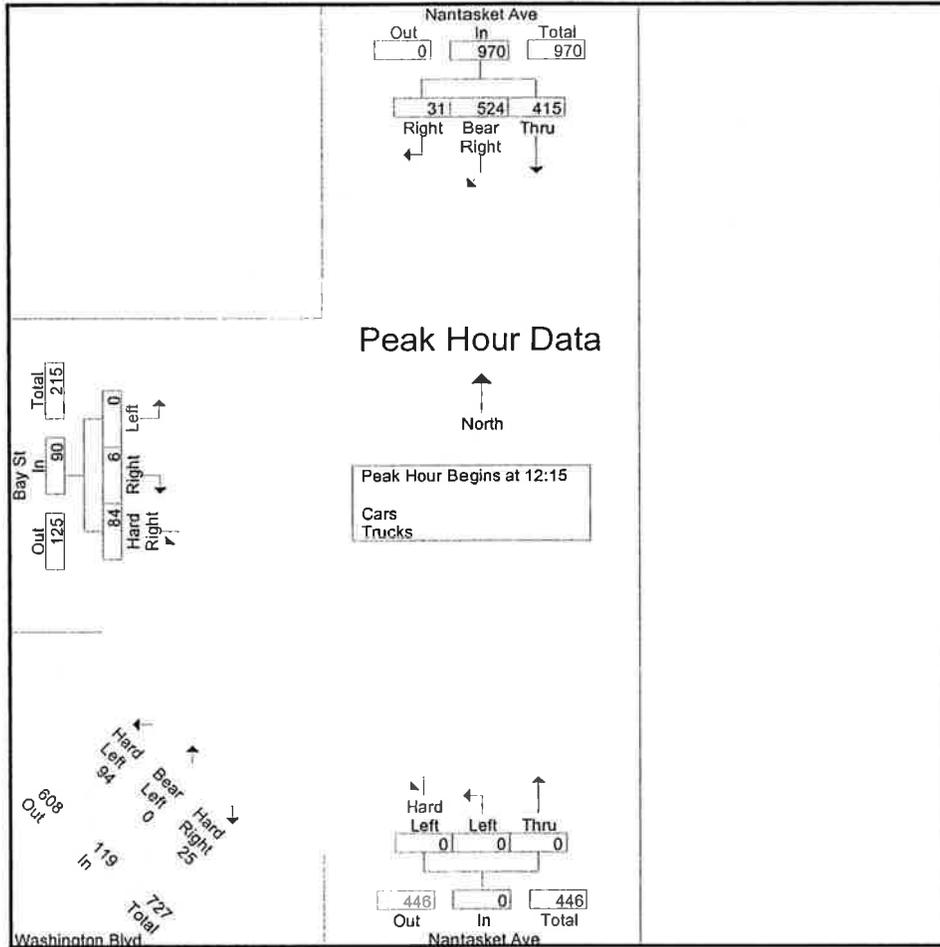
File Name : 146400A8  
Site Code : 14640008  
Start Date : 8/5/2006  
Page No : 1

N/S Street : Nantasket Avenue  
E/W Street: Bay Street  
City/State : Hull, MA  
Weather : Clear

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Nantasket Ave From South				Washington Blvd From Southwest				Bay St From West				Exclu. Total	Inclu. Total	Int. Total
	Thru	Bear Right	Right	Peds	Hard Left	Left	Thru	Peds	Hard Left	Bear Left	Hard Right	Peds	Left	Right	Hard Right	Peds			
11:00	104	140	4	10	0	0	0	6	21	0	12	1	0	1	24	3	20	306	326
11:15	93	149	8	13	0	0	0	31	10	0	6	0	0	3	13	10	54	282	336
11:30	79	139	5	20	0	0	0	16	14	0	3	0	0	0	24	1	37	264	301
11:45	90	137	12	12	0	0	0	19	20	0	7	0	0	5	16	2	33	287	320
Total	366	565	29	55	0	0	0	72	65	0	28	1	0	9	77	16	144	1139	1283
12:00	84	112	4	20	0	0	0	14	16	0	7	0	0	0	16	3	37	239	276
12:15	106	126	11	10	0	0	0	21	26	0	7	0	0	3	22	6	37	301	338
12:30	108	136	7	17	0	0	0	12	16	0	7	0	0	2	17	4	33	293	326
12:45	91	135	6	6	0	0	0	26	28	0	6	0	0	0	25	3	35	291	326
Total	389	509	28	53	0	0	0	73	86	0	27	0	0	5	80	16	142	1124	1266
13:00	110	127	7	12	0	0	0	10	24	0	5	6	0	1	20	3	31	294	325
13:15	85	114	4	13	0	0	0	13	17	0	9	0	0	2	21	10	36	252	288
13:30	100	140	10	9	0	0	0	16	15	0	7	0	0	2	14	6	31	288	319
13:45	102	150	7	21	0	0	0	20	16	0	3	1	0	3	17	11	53	298	351
Total	397	531	28	55	0	0	0	59	72	0	24	7	0	8	72	30	151	1132	1283
Grand Total	1152	1605	85	163	0	0	0	204	223	0	79	8	0	22	229	62	437	3395	3832
Apprch %	40.5	56.5	3		0	0	0		73.8	0	26.2		0	8.8	91.2				
Total %	33.9	47.3	2.5		0	0	0		6.6	0	2.3		0	0.6	6.7		11.4	88.6	
Cars	1132	1586	84		0	0	0		218	0	78		0	19	224		0	0	3778
% Cars	98.3	98.8	98.8	100	0	0	0	100	97.8	0	98.7	100	0	86.4	97.8	100	0	0	98.6
Trucks	20	19	1		0	0	0		5	0	1		0	3	5		0	0	54
% Trucks	1.7	1.2	1.2	0	0	0	0	0	2.2	0	1.3	0	0	13.6	2.2	0	0	0	1.4

Start Time	Nantasket Ave From North				Hard Left	Nantasket Ave From South			Washington Blvd From Southwest				Bay St From West				Int. Total
	Thru	Bear Right	Right	App. Total		Left	Thru	App. Total	Hard Left	Bear Left	Hard Right	App. Total	Left	Right	Hard Right	App. Total	
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:15																	
12:15	106	126	11	243	0	0	0	0	26	0	7	33	0	3	22	25	301
12:30	108	136	7	251	0	0	0	0	16	0	7	23	0	2	17	19	293
12:45	91	135	6	232	0	0	0	0	28	0	6	34	0	0	25	25	291
13:00	110	127	7	244	0	0	0	0	24	0	5	29	0	1	20	21	294
Total Volume	415	524	31	970	0	0	0	0	94	0	25	119	0	6	84	90	1179
% App. Total	42.8	54	3.2		0	0	0		79	0	21		0	6.7	93.3		
PHF	.943	.963	.705	.966	.000	.000	.000	.000	.839	.000	.893	.875	.000	.500	.840	.900	.979



Loc. #6

Accurate Counts  
978-664-2565

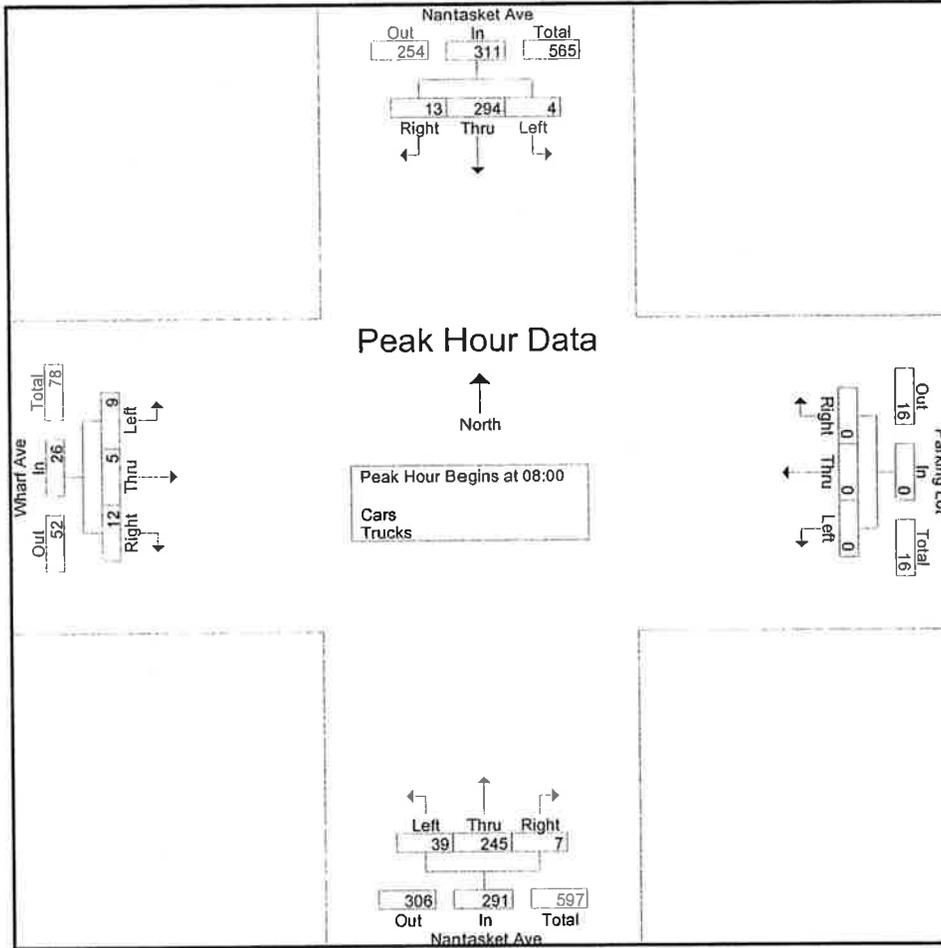
File Name : 14640006  
Site Code : 14640006  
Start Date : 8/3/2006  
Page No : 1

N/S Street : Nantasket Avenue  
E/W Street: Wharf Avenue  
City/State : Hull, MA  
Weather : Clear

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Parking Lot From East				Nantasket Ave From South				Wharf Ave From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
07:00	0	35	1	0	0	0	0	0	6	24	2	0	1	1	6	3	3	76	79
07:15	1	48	1	1	0	0	0	3	5	41	0	0	3	2	1	4	8	102	110
07:30	0	70	1	0	0	0	0	1	2	37	2	1	3	3	1	0	2	119	121
07:45	0	69	1	0	0	0	0	0	9	43	5	1	0	1	2	0	1	130	131
Total	1	222	4	1	0	0	0	4	22	145	9	2	7	7	10	7	14	427	441
08:00	1	65	2	0	0	0	0	0	6	63	1	0	1	1	2	0	0	142	142
08:15	1	73	3	0	0	0	0	0	9	49	2	0	1	0	2	2	2	140	142
08:30	1	95	2	0	0	0	0	1	11	66	0	1	1	0	4	2	4	180	184
08:45	1	61	6	0	0	0	0	2	13	67	4	0	6	4	4	2	4	166	170
Total	4	294	13	0	0	0	0	3	39	245	7	1	9	5	12	6	10	628	638
Grand Total	5	516	17	1	0	0	0	7	61	390	16	3	16	12	22	13	24	1055	1079
Approch %	0.9	95.9	3.2		0	0	0		13.1	83.5	3.4		32	24	44				
Total %	0.5	48.9	1.6		0	0	0		5.8	37	1.5		1.5	1.1	2.1		2.2	97.8	
Cars	5	507	15		0	0	0		60	378	16		16	12	22		0	0	1055
% Cars	100	98.3	88.2	100	0	0	0	100	98.4	96.9	100	100	100	100	100	100	0	0	97.8
Trucks	0	9	2		0	0	0		1	12	0		0	0	0		0	0	24
% Trucks	0	1.7	11.8	0	0	0	0	0	1.6	3.1	0	0	0	0	0	0	0	0	2.2

Start Time	Nantasket Ave From North				Parking Lot From East				Nantasket Ave From South				Wharf Ave From West				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00																	
08:00	1	65	2	68	0	0	0	0	6	63	1	70	1	1	2	4	142
08:15	1	73	3	77	0	0	0	0	9	49	2	60	1	0	2	3	140
08:30	1	95	2	98	0	0	0	0	11	66	0	77	1	0	4	5	180
08:45	1	61	6	68	0	0	0	0	13	67	4	84	6	4	4	14	166
Total Volume	4	294	13	311	0	0	0	0	39	245	7	291	9	5	12	26	628
% App. Total	1.3	94.5	4.2		0	0	0		13.4	84.2	2.4		34.6	19.2	46.2		
PHF	1.000	.774	.542	.793	.000	.000	.000	.000	.750	.914	.438	.866	.375	.313	.750	.464	.872



Accurate Counts  
978-664-2565

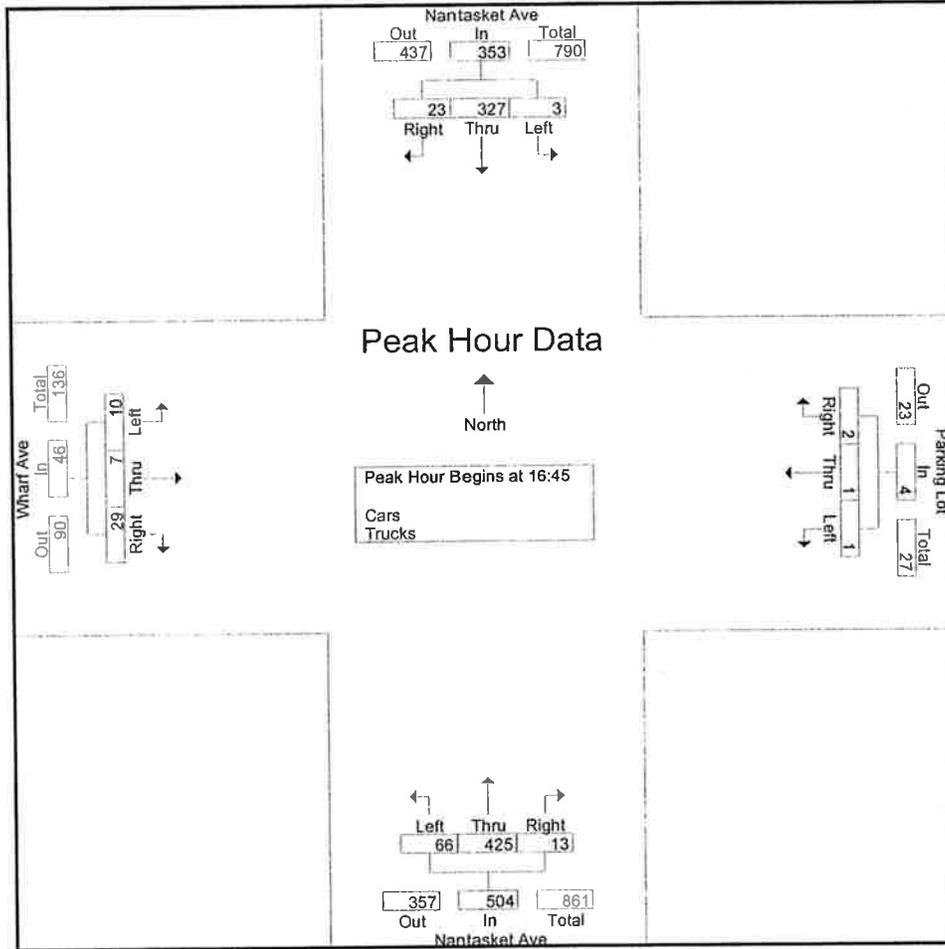
N/S Street : Nantasket Avenue  
E/W Street: Wharf Avenue  
City/State : Hull, MA  
Weather : Clear

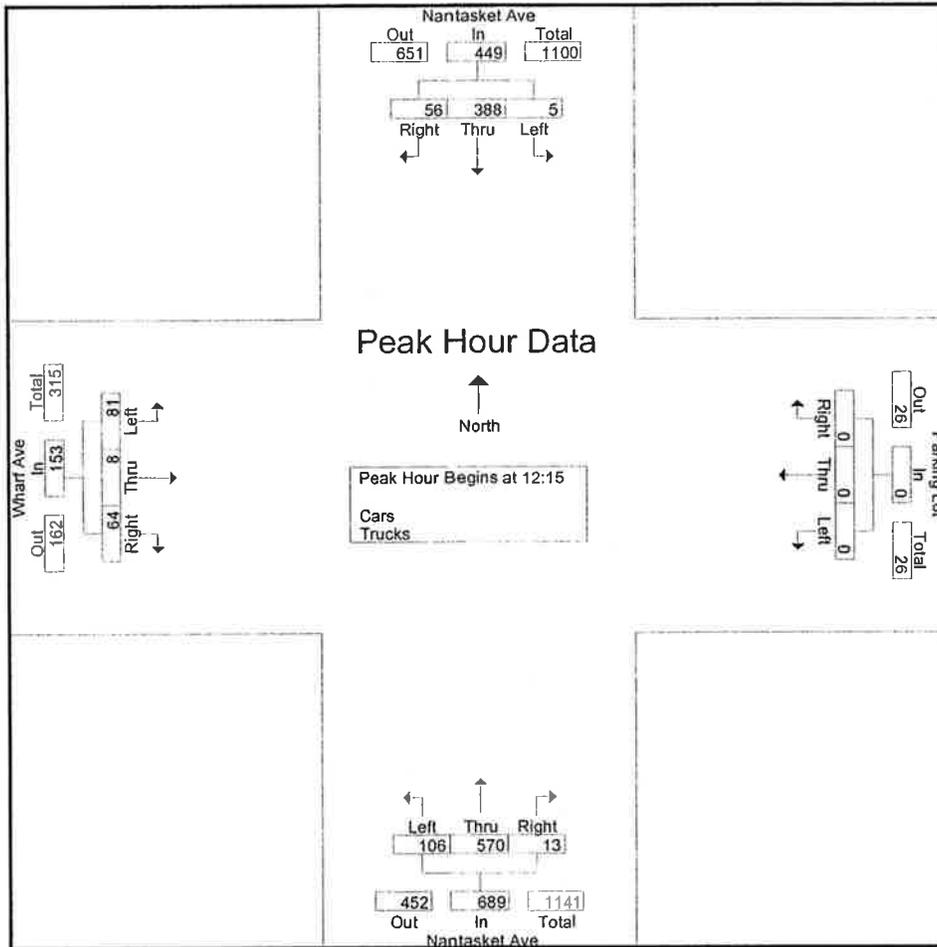
File Name : 14640006  
Site Code : 14640006  
Start Date : 8/3/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Parking Lot From East				Nantasket Ave From South				Wharf Ave From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
16:00	1	91	2	1	0	0	0	3	15	91	2	1	3	2	1	4	9	208	217
16:15	1	99	17	0	0	0	0	10	12	93	2	2	2	0	4	4	16	230	246
16:30	0	91	1	0	0	0	0	3	28	76	2	0	4	1	7	7	10	210	220
16:45	0	98	8	5	0	0	0	0	19	121	1	6	2	0	6	16	27	255	282
Total	2	379	28	6	0	0	0	16	74	381	7	9	11	3	18	31	62	903	965
17:00	0	71	1	0	0	1	2	2	15	105	1	10	1	3	10	4	16	210	226
17:15	2	76	7	0	1	0	0	0	12	84	6	12	1	2	7	15	27	198	225
17:30	1	82	7	0	0	0	0	3	20	115	5	7	6	2	6	7	17	244	261
17:45	0	93	3	0	0	0	0	0	16	98	4	2	2	2	9	1	3	227	230
Total	3	322	18	0	1	1	2	5	63	402	16	31	10	9	32	27	63	879	942
Grand Total	5	701	46	6	1	1	2	21	137	783	23	40	21	12	50	58	125	1782	1907
Apprch %	0.7	93.2	6.1		25	25	50		14.5	83	2.4		25.3	14.5	60.2				
Total %	0.3	39.3	2.6		0.1	0.1	0.1		7.7	43.9	1.3		1.2	0.7	2.8		6.6	93.4	
Cars	5	698	46		1	1	2		137	775	23		21	12	50		0	0	1896
% Cars	100	99.6	100	100	100	100	100		100	99	100	100	100	100	100	100	0	0	99.4
Trucks	0	3	0		0	0	0		0	8	0		0	0	0		0	0	11
% Trucks	0	0.4	0	0	0	0	0		0	1	0	0	0	0	0	0	0	0	0.6

Start Time	Nantasket Ave From North				Parking Lot From East				Nantasket Ave From South				Wharf Ave From West				App. Total	Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right			
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 16:45																		
16:45	0	98	8	106	0	0	0	0	19	121	1	141	2	0	6	8	255	
17:00	0	71	1	72	0	1	2	3	15	105	1	121	1	3	10	14	210	
17:15	2	76	7	85	1	0	0	1	12	84	6	102	1	2	7	10	198	
17:30	1	82	7	90	0	0	0	0	20	115	5	140	6	2	6	14	244	
Total Volume	3	327	23	353	1	1	2	4	66	425	13	504	10	7	29	46	907	
% App. Total	0.8	92.6	6.5		25	25	50		13.1	84.3	2.6		21.7	15.2	63			
PHF	.375	.834	.719	.833	.250	.250	.250	.333	.825	.878	.542	.894	.417	.583	.725	.821	.889	





Accurate Counts  
978-664-2565

N/S Street : Nantasket Avenue  
E/W Street: Wharf Avenue  
City/State : Hull, MA  
Weather : Clear

File Name : 146400A6  
Site Code : 14640006  
Start Date : 8/5/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North				Parking Lot From East				Nantasket Ave From South				Wharf Ave From West				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds			
11:00	1	92	3	1	0	0	0	4	12	122	1	10	12	3	10	4	19	256	275
11:15	2	97	8	0	1	0	0	9	8	117	1	12	14	5	13	7	28	266	294
11:30	0	76	8	5	0	0	0	3	14	132	5	6	16	4	10	4	18	265	283
11:45	0	97	18	8	0	0	1	0	18	132	3	9	15	0	14	15	32	298	330
Total	3	362	37	14	1	0	1	16	52	503	10	37	57	12	47	30	97	1085	1182
12:00	0	85	9	19	0	0	0	0	23	123	3	2	17	1	19	8	29	280	309
12:15	2	100	10	6	0	0	0	0	21	141	4	3	30	2	15	7	16	325	341
12:30	2	105	18	35	0	0	0	4	25	150	3	6	19	1	15	21	66	338	404
12:45	1	80	16	4	0	0	0	0	25	130	3	15	18	4	15	2	21	292	313
Total	5	370	53	64	0	0	0	4	94	544	13	26	84	8	64	38	132	1235	1367
13:00	0	103	12	8	0	0	0	0	35	149	3	8	14	1	19	16	32	336	368
13:15	1	81	20	4	0	0	0	5	25	149	2	4	18	3	12	23	36	311	347
13:30	0	90	19	14	0	1	0	0	37	138	1	12	18	2	17	23	49	323	372
13:45	0	97	12	7	0	0	0	2	22	118	3	7	18	2	15	16	32	287	319
Total	1	371	63	33	0	1	0	7	119	554	9	31	68	8	63	78	149	1257	1406
Grand Total	9	1103	153	111	1	1	1	27	265	1601	32	94	209	28	174	146	378	3577	3955
Apprch %	0.7	87.2	12.1		33.3	33.3	33.3		14	84.4	1.7		50.9	6.8	42.3				
Total %	0.3	30.8	4.3		0	0	0		7.4	44.8	0.9		5.8	0.8	4.9		9.6	90.4	
Cars	9	1093	153		1	1	1		262	1594	32		208	28	174		0	0	3934
% Cars	100	99.1	100	100	100	100	100	100	98.9	99.6	100	100	99.5	100	100	100	0	0	99.5
Trucks	0	10	0		0	0	0		3	7	0		1	0	0		0	0	21
% Trucks	0	0.9	0	0	0	0	0	0	1.1	0.4	0	0	0.5	0	0	0	0	0	0.5

Start Time	Nantasket Ave From North				App. Total	Parking Lot From East				App. Total	Nantasket Ave From South				App. Total	Wharf Ave From West			App. Total	Int. Total
	Left	Thru	Right			Left	Thru	Right			Left	Thru	Right			Left	Thru	Right		
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1																				
Peak Hour for Entire Intersection Begins at 12:15																				
12:15	2	100	10		112	0	0	0	0	0	21	141	4	166	30	2	15	47	325	
12:30	2	105	18		125	0	0	0	0	0	25	150	3	178	19	1	15	35	338	
12:45	1	80	16		97	0	0	0	0	0	25	130	3	158	18	4	15	37	292	
13:00	0	103	12		115	0	0	0	0	0	35	149	3	187	14	1	19	34	336	
Total Volume	5	388	56		449	0	0	0	0	0	106	570	13	689	81	8	64	153	1291	
% App. Total	1.1	86.4	12.5			0	0	0			15.4	82.7	1.9		52.9	5.2	41.8			
PHF	.625	.924	.778		.898	.000	.000	.000	.000	.000	.757	.950	.813	.921	.675	.500	.842	.814	.955	



# LOC. #7

Accurate Counts  
978-664-2565

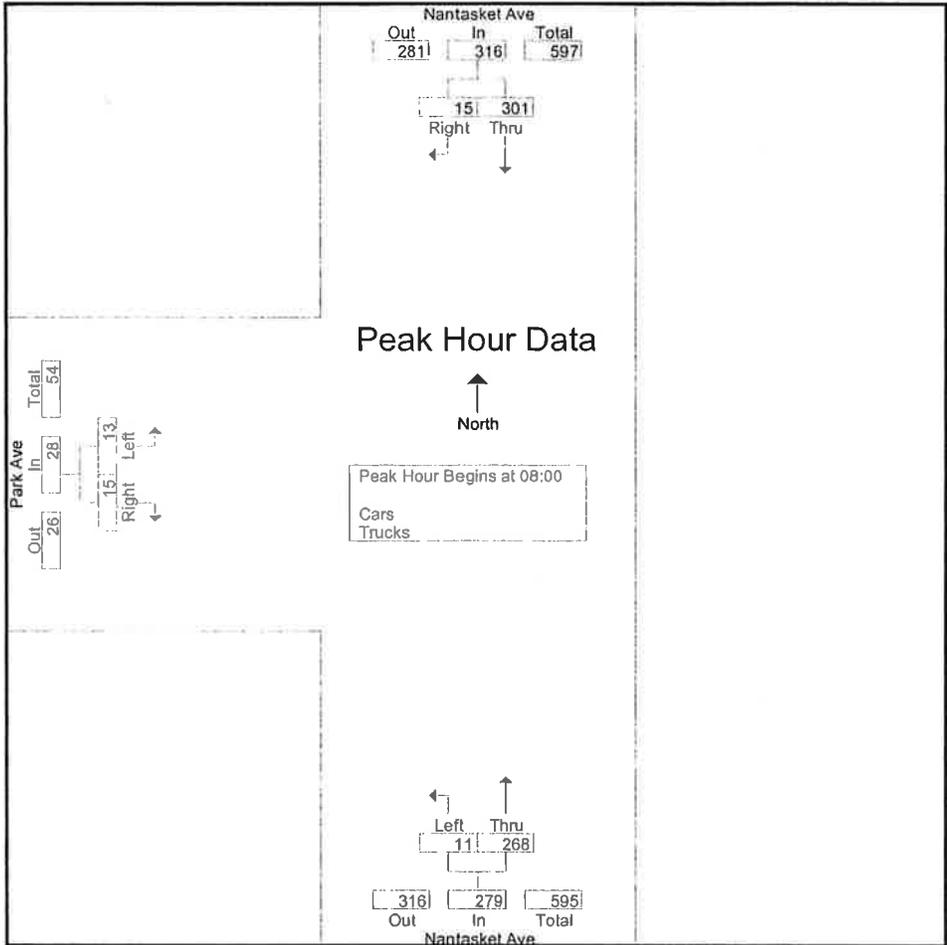
N/S Street : Nantasket Avenue  
E/W Street: Park Avenue  
City/State : Hull, MA  
Weather : Clear

File Name : 14640007  
Site Code : 14640007  
Start Date : 8/3/2006  
Page No : 1

### Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North			Nantasket Ave From South			Park Ave From West			Exclu. Total	Inclu. Total	Int. Total
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds			
07:00	40	3	0	0	29	2	2	2	1	3	76	79
07:15	43	0	0	0	41	2	1	2	2	4	87	91
07:30	69	2	0	1	33	17	3	4	4	21	112	133
07:45	70	1	2	0	49	4	1	1	0	6	122	128
<b>Total</b>	<b>222</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>152</b>	<b>25</b>	<b>7</b>	<b>9</b>	<b>7</b>	<b>34</b>	<b>397</b>	<b>431</b>
08:00	63	5	0	3	61	2	2	5	4	6	139	145
08:15	74	2	1	3	54	1	3	4	3	5	140	145
08:30	90	3	2	2	72	6	5	1	1	9	173	182
08:45	74	5	0	3	81	3	3	5	3	6	171	177
<b>Total</b>	<b>301</b>	<b>15</b>	<b>3</b>	<b>11</b>	<b>268</b>	<b>12</b>	<b>13</b>	<b>15</b>	<b>11</b>	<b>26</b>	<b>623</b>	<b>649</b>
<b>Grand Total</b>	<b>523</b>	<b>21</b>	<b>5</b>	<b>12</b>	<b>420</b>	<b>37</b>	<b>20</b>	<b>24</b>	<b>18</b>	<b>60</b>	<b>1020</b>	<b>1080</b>
<b>Apprch %</b>	<b>96.1</b>	<b>3.9</b>		<b>2.8</b>	<b>97.2</b>		<b>45.5</b>	<b>54.5</b>				
<b>Total %</b>	<b>51.3</b>	<b>2.1</b>		<b>1.2</b>	<b>41.2</b>		<b>2</b>	<b>2.4</b>		<b>5.6</b>	<b>94.4</b>	
<b>Cars</b>	<b>515</b>	<b>21</b>		<b>11</b>	<b>408</b>		<b>20</b>	<b>24</b>		<b>0</b>	<b>0</b>	<b>1059</b>
<b>% Cars</b>	<b>98.5</b>	<b>100</b>	<b>100</b>	<b>91.7</b>	<b>97.1</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>98.1</b>
<b>Trucks</b>	<b>8</b>	<b>0</b>		<b>1</b>	<b>12</b>		<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>21</b>
<b>% Trucks</b>	<b>1.5</b>	<b>0</b>	<b>0</b>	<b>8.3</b>	<b>2.9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.9</b>

Start Time	Nantasket Ave From North			Nantasket Ave From South			Park Ave From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00										
08:00	63	5	68	3	61	64	2	5	7	139
08:15	74	2	76	3	54	57	3	4	7	140
08:30	90	3	93	2	72	74	5	1	6	173
08:45	74	5	79	3	81	84	3	5	8	171
<b>Total Volume</b>	<b>301</b>	<b>15</b>	<b>316</b>	<b>11</b>	<b>268</b>	<b>279</b>	<b>13</b>	<b>15</b>	<b>28</b>	<b>623</b>
<b>% App. Total</b>	<b>95.3</b>	<b>4.7</b>		<b>3.9</b>	<b>96.1</b>		<b>46.4</b>	<b>53.6</b>		
<b>PHF</b>	<b>836</b>	<b>750</b>	<b>849</b>	<b>917</b>	<b>827</b>	<b>830</b>	<b>650</b>	<b>750</b>	<b>875</b>	<b>900</b>



Accurate Counts  
978-664-2565

N/S Street : Nantasket Avenue  
E/W Street: Park Avenue  
City/State : Hull, MA  
Weather : Clear

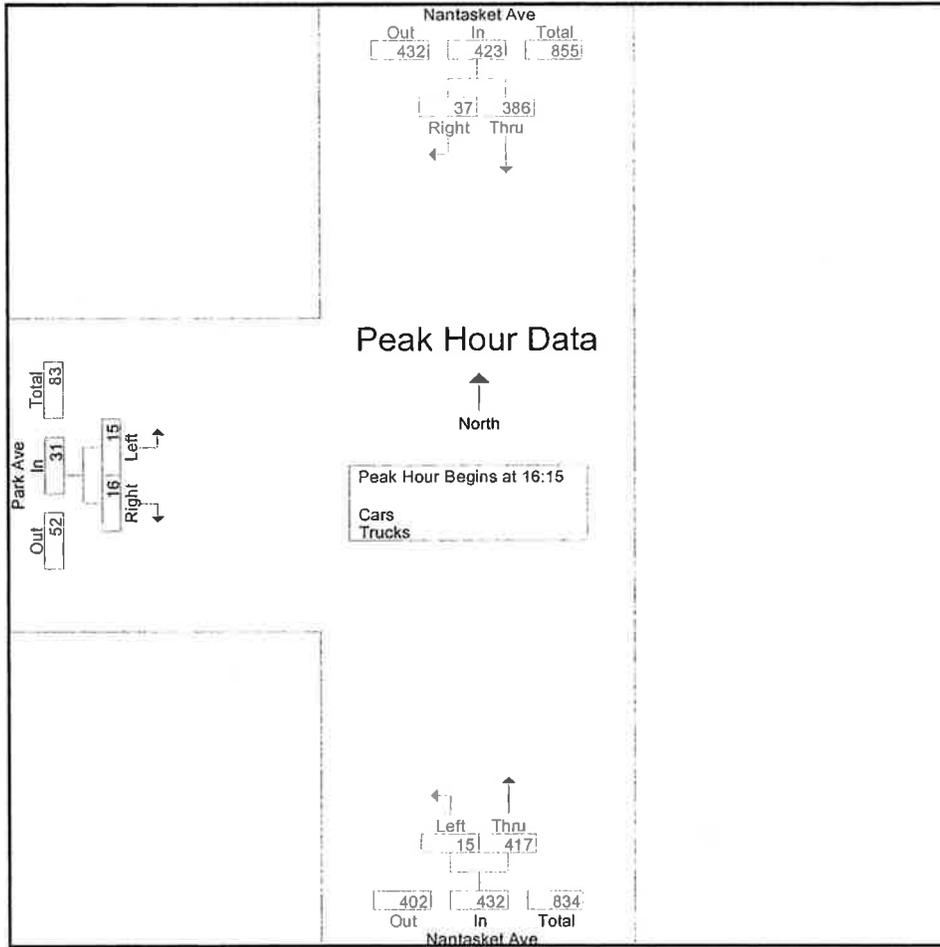
File Name : 14640007  
Site Code : 14640007  
Start Date : 8/3/2006  
Page No : 1

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North			Nantasket Ave From South			Park Ave From West			Exclu. Total	Inclu. Total	Int. Total
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds			
16:00	89	7	0	1	90	10	3	2	1	11	192	203
16:15	102	10	0	1	98	15	2	4	1	16	217	233
16:30	96	10	0	7	84	2	5	6	0	2	208	210
16:45	105	8	0	5	125	12	3	2	0	12	248	260
Total	392	35	0	14	397	39	13	14	2	41	865	906
17:00	83	9	1	2	110	8	5	4	8	17	213	230
17:15	74	9	5	0	83	3	3	7	9	17	176	193
17:30	74	9	0	2	116	8	2	9	3	11	212	223
17:45	86	9	0	4	96	7	6	9	3	10	210	220
Total	317	36	6	8	405	26	16	29	23	55	811	866
Grand Total	709	71	6	22	802	65	29	43	25	96	1676	1772
Apprch %	90.9	9.1		2.7	97.3		40.3	59.7				
Total %	42.3	4.2		1.3	47.9		1.7	2.6		5.4	94.6	
Cars	706	71		22	796		29	43		0	0	1763
% Cars	99.6	100	100	100	99.3	100	100	100	100	0	0	99.5
Trucks	3	0		0	6		0	0		0	0	9
% Trucks	0.4	0	0	0	0.7	0	0	0	0	0	0	0.5

Start Time	Nantasket Ave From North			Nantasket Ave From South			Park Ave From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 16:15										
16:15	102	10	112	1	98	99	2	4	6	217
16:30	96	10	106	7	84	91	5	6	11	208
16:45	105	8	113	5	125	130	3	2	5	248
17:00	83	9	92	2	110	112	5	4	9	213
Total Volume	386	37	423	15	417	432	15	16	31	886
% App. Total	91.3	8.7		3.5	96.5		48.4	51.6		
PHF	.919	.925	.936	.536	.834	.831	.750	.667	.705	.893





Accurate Counts  
978-664-2565

File Name : 146400A7  
Site Code : 14640007  
Start Date : 8/5/2006  
Page No : 1

N/S Street : Nantasket Avenue  
E/W Street: Park Avenue  
City/State : Hull, MA  
Weather : Clear

Groups Printed- Cars - Trucks

Start Time	Nantasket Ave From North			Nantasket Ave From South			Park Ave From West			Exclu. Total	Inclu. Total	Int. Total
	Thru	Right	Peds	Left	Thru	Peds	Left	Right	Peds			
11:00	86	4	0	3	113	2	8	7	6	8	221	229
11:15	88	6	0	3	110	3	11	11	9	12	229	241
11:30	73	13	0	4	133	8	10	8	15	23	241	264
11:45	84	17	0	12	131	15	9	9	13	28	262	290
Total	331	40	0	22	487	28	38	35	43	71	953	1024
12:00	91	20	0	4	126	32	11	2	8	40	254	294
12:15	92	8	0	3	152	3	6	7	6	9	268	277
12:30	114	18	0	4	143	11	11	7	8	19	297	316
12:45	83	5	0	2	128	8	7	7	7	15	232	247
Total	380	51	0	13	549	54	35	23	29	83	1051	1134
13:00	109	8	0	5	155	20	15	9	12	32	301	333
13:15	80	12	0	3	145	9	10	13	21	30	263	293
13:30	109	10	0	3	122	9	6	3	18	27	253	280
13:45	94	9	2	5	115	8	12	5	19	29	240	269
Total	392	39	2	16	537	46	43	30	70	118	1057	1175
Grand Total	1103	130	2	51	1573	128	116	88	142	272	3061	3333
Apprch %	89.5	10.5		3.1	96.9		56.9	43.1				
Total %	36	4.2		1.7	51.4		3.8	2.9		8.2	91.8	
Cars	1091	127		51	1563		114	88		0	0	3306
% Cars	98.9	97.7	100	100	99.4	100	98.3	100	100	0	0	99.2
Trucks	12	3		0	10		2	0		0	0	27
% Trucks	1.1	2.3	0	0	0.6	0	1.7	0	0	0	0	0.8

Start Time	Nantasket Ave From North			Nantasket Ave From South			Park Ave From West			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
Peak Hour Analysis From 11:00 to 13:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 12:15										
12:15	92	8	100	3	152	155	6	7	13	268
12:30	114	18	132	4	143	147	11	7	18	297
12:45	83	5	88	2	128	130	7	7	14	232
13:00	109	8	117	5	155	160	15	9	24	301
Total Volume	398	39	437	14	578	592	39	30	69	1098
% App. Total	91.1	8.9		2.4	97.6		56.5	43.5		
PHF	.873	.542	.828	.700	.932	.925	.650	.833	.719	.912

