



HAJEC ASSOCIATES
Transportation Engineering
and Planning

ATTACHMENT 2

INTERSECTION TURNING MOVEMENT VOLUMES

- * BAYBERRY ROAD AT CHESTNUT STREET
- * BAYBERRY ROAD AT HEALD STREET

Hajec Associates, Inc.

375 Common Street
Lawrence, MA 01840
Tel. (978) 557-5887
Fax. (978) 557-1185



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BAYBERRY ROAD AT CHESTNUT STREET

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**375 Common Street
Lawrence, MA 01840
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N/S Street : Bayberry Street
E/W Street: Chestnut Street
City/State : Pepperell, MA
Weather : Clear

AM COMMUTING PERIOD (7-9AM)
CARS AND TRUCKS

File Name : 06030001
Site Code : 06030001
Start Date : 4/11/2006
Page No : 1

Start Time	Chestnut St From East		Bayberry St From South		Chestnut St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00	1	5	0	0	2	1	9
07:15	0	1	0	0	7	1	9
07:30	0	0	0	1	4	1	6
07:45	0	0	0	2	4	1	7
Total	1	6	0	3	17	4	31
08:00	0	3	1	0	2	0	6
08:15	0	1	0	1	4	0	6
08:30	0	1	0	1	11	0	13
08:45	1	0	0	2	2	0	5
Total	1	5	1	4	19	0	30
Grand Total	2	11	1	7	36	4	61
Apprch %	15.4	84.6	12.5	87.5	90	10	
Total %	3.3	18	1.6	11.5	59	6.6	
Cars	2	11	0	7	36	3	59
% Cars	100	100	0	100	100	75	96.7
Trucks	0	0	1	0	0	1	2
% Trucks	0	0	100	0	0	25	3.3

Start Time	Chestnut St From East		App. Total	Bayberry St From South		App. Total	Chestnut St From West		Int. Total
	Left	Thru		Left	Right		Thru	Right	
07:45	0	0	0	0	2	2	4	1	5
08:00	0	3	3	1	0	1	2	0	2
08:15	0	1	1	0	1	1	4	0	4
08:30	0	1	1	0	1	1	11	0	11
Total Volume	0	5	5	1	4	5	21	1	22
% App. Total	0	100		20	80		95.5	4.5	
PHF	.000	.417	.417	.250	.500	.625	.477	.250	.500

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

	07:00			07:30			07:45		
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total
+0 mins.	1	5	6	0	1	1	4	1	5
+15 mins.	0	1	1	0	2	2	2	0	2
+30 mins.	0	0	0	1	0	1	4	0	4
+45 mins.	0	0	0	0	1	1	11	0	11
Total Volume	1	6	7	1	4	5	21	1	22
% App. Total	14.3	85.7		20	80		95.5	4.5	
PHF	.250	.300	.292	.250	.500	.625	.477	.250	.500

N/S Street : Bayberry Street
 E/W Street: Chestnut Street
 City/State : Pepperell, MA
 Weather : Clear

Accurate Counts
 978-664-2565

AM COMMUTING PERIOD (7-9AM)
CARS ONLY

File Name : 06030001
 Site Code : 06030001
 Start Date : 4/11/2006
 Page No : 1

Groups Printed- Cars

Start Time	Chestnut St From East		Bayberry St From South		Chestnut St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00	1	5	0	0	2	1	9
07:15	0	1	0	0	7	1	9
07:30	0	0	0	1	4	1	6
07:45	0	0	0	2	4	0	6
Total	1	6	0	3	17	3	30
08:00	0	3	0	0	2	0	5
08:15	0	1	0	1	4	0	6
08:30	0	1	0	1	11	0	13
08:45	1	0	0	2	2	0	5
Total	1	5	0	4	19	0	29
Grand Total	2	11	0	7	36	3	59
Apprch %	15.4	84.6	0	100	92.3	7.7	
Total %	3.4	18.6	0	11.9	61	5.1	

Start Time	Chestnut St From East			Bayberry St From South			Chestnut St From West			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 07:00										
07:00	1	5	6	0	0	0	2	1	3	9
07:15	0	1	1	0	0	0	7	1	8	9
07:30	0	0	0	0	1	1	4	1	5	6
07:45	0	0	0	0	2	2	4	0	4	6
Total Volume	1	6	7	0	3	3	17	3	20	30
% App. Total	14.3	85.7		0	100		85	15		
PHF	.250	.300	.292	.000	.375	.375	.607	.750	.625	.833

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

	07:00			07:30			07:45		
+0 mins.	1	5	6	0	1	1	4	0	4
+15 mins.	0	1	1	0	2	2	2	0	2
+30 mins.	0	0	0	0	0	0	4	0	4
+45 mins.	0	0	0	0	1	1	11	0	11
Total Volume	1	6	7	0	4	4	21	0	21
% App. Total	14.3	85.7		0	100		100	0	
PHF	.250	.300	.292	.000	.500	.500	.477	.000	.477

Accurate Counts

978-664-2565

N/S Street : Bayberry Street
 E/W Street: Chestnut Street
 City/State : Pepprell, MA
 Weather : Clear

AM COMMUTING PERIOD (7-9AM)
 TRUCKS ONLY

File Name : 06030001
 Site Code : 06030001
 Start Date : 4/11/2006
 Page No : 1

Groups Printed- Trucks

Start Time	Chestnut St From East		Bayberry St From South		Chestnut St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
07:00	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0
07:45	0	0	0	0	0	1	1
Total	0	0	0	0	0	1	1
08:00	0	0	1	0	0	0	1
08:15	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0
Total	0	0	1	0	0	0	1
Grand Total	0	0	1	0	0	1	2
Apprch %	0	0	100	0	0	100	
Total %	0	0	50	0	0	50	

Start Time	Chestnut St From East			Bayberry St From South			Chestnut St From West			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 07:15										
07:15	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	1	1	1
08:00	0	0	0	1	0	1	0	0	0	1
Total Volume	0	0	0	1	0	1	0	1	1	2
% App. Total	0	0	0	100	0	250	0	100	250	500
PHF	.000	.000	.000	.250	.000	.250	.000	.250	.250	.500

Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:00			07:15			07:00		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	1	0	1	0	1	1
Total Volume	0	0	0	1	0	1	0	1	1
% App. Total	0	0	0	100	0	250	0	100	250
PHF	.000	.000	.000	.250	.000	.250	.000	.250	.250

N/S Street : Bayberry Street
E/W Street: Chestnut Street
City/State : Pepperell, MA
Weather : Clear

PM COMMUTING PERIOD (4-6PM)
CARS AND TRUCKS

Start Time	Chestnut St From East		Bayberry St From South		Chestnut St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
16:00	0	0	1	0	1	1	3
16:15	1	4	0	1	3	0	9
16:30	1	4	0	1	1	1	8
16:45	1	4	0	0	1	0	6
Total	3	12	1	2	6	2	26
17:00	0	8	1	0	1	1	11
17:15	1	1	3	0	4	0	9
17:30	0	4	0	0	1	0	5
17:45	0	1	0	0	0	0	1
Total	1	14	4	0	6	1	26
Grand Total	4	26	5	2	12	3	52
Approch %	13.3	86.7	71.4	28.6	80	20	
Total %	7.7	50	9.6	3.8	23.1	5.8	
Cars	4	26	5	2	12	3	52
% Cars	100	100	100	100	100	100	100
Trucks	0	0	0	0	0	0	0
% Trucks	0	0	0	0	0	0	0

Start Time	Chestnut St From East			Bayberry St From South			Chestnut St From West			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 16:15										
16:15	1	4	5	0	1	1	3	0	3	9
16:30	1	4	5	0	1	1	1	1	2	8
16:45	1	4	5	0	0	0	1	0	1	6
17:00	0	8	8	1	0	1	1	1	2	11
Total Volume	3	20	23	1	2	3	6	2	8	34
% App. Total	13	87		33.3	66.7		75	25		
PHF	.750	.625	.719	.250	.500	.750	.500	.500	.667	.773

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

	16:15			16:30			16:30		
	Left	Thru	App. Total	Left	Right	App. Total	Left	Right	App. Total
+0 mins.	1	4	5	0	1	1	1	1	2
+15 mins.	1	4	5	0	0	0	1	0	1
+30 mins.	1	4	5	1	0	1	1	1	2
+45 mins.	0	8	8	3	0	3	4	0	4
Total Volume	3	20	23	4	1	5	7	2	9
% App. Total	13	87		80	20		77.8	22.2	
PHF	.750	.625	.719	.333	.250	.417	.438	.500	.563

N/S Street : Bayberry Street
 E/W Street : Chestnut Street
 City/State : Pepperell, MA
 Weather : Clear

Accurate Counts
 978-664-2565

PM COMMUTING PERIOD (4-6 PM)
 CARS ONLY

File Name : 06030001
 Site Code : 06030001
 Start Date : 4/11/2006
 Page No : 1

Start Time	Chestnut St From East		Bayberry St From South		Chestnut St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
16:00	0	0	1	0	1	1	3
16:15	1	4	0	1	3	0	9
16:30	1	4	0	1	1	1	8
16:45	1	4	0	0	1	0	6
Total	3	12	1	2	6	2	26
17:00	0	8	1	0	1	1	11
17:15	1	1	3	0	4	0	9
17:30	0	4	0	0	1	0	5
17:45	0	1	0	0	0	0	1
Total	1	14	4	0	6	1	26
Grand Total	4	26	5	2	12	3	52
Apprch %	13.3	86.7	71.4	28.6	80	20	
Total %	7.7	50	9.6	3.8	23.1	5.8	

Start Time	Chestnut St From East			Bayberry St From South			Chestnut St From West			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 16:15										
16:15	1	4	5	0	1	1	3	0	3	9
16:30	1	4	5	0	1	1	1	1	2	8
16:45	1	4	5	0	0	0	1	0	1	6
17:00	0	8	8	1	0	1	1	1	2	11
Total Volume	3	20	23	1	2	3	6	2	8	34
% App. Total	13	87	33.3	66.7	75	75	75	25	8	34
PHF	.750	.625	.719	.250	.500	.750	.500	.500	.667	.773

Peak Hour for Each Approach Begins at:	16:15			16:30			16:30		
	Left	Thru	App. Total	Left	Right	App. Total	Left	Right	App. Total
+0 mins.	1	4	5	0	1	1	1	1	2
+15 mins.	1	4	5	0	0	0	1	0	1
+30 mins.	1	4	5	1	0	1	1	1	2
+45 mins.	0	8	8	3	0	3	4	0	4
Total Volume	3	20	23	4	1	5	7	2	9
% App. Total	13	87	80	20	20	417	77.8	22.2	9
PHF	.750	.625	.719	.333	.250	.417	.438	.500	.563

Accurate Counts

978-664-2565

N/S Street : Bayberry Street
 E/W Street: Chestnut Street
 City/State : Pepperell, MA
 Weather : Clear

PM COMMUTING PERIOD (4-6 PM)
 TRUCKS ONLY

File Name : 06030001
 Site Code : 06030001
 Start Date : 4/11/2006
 Page No : 1

Groups Printed- Trucks

Start Time	Chestnut St From East		Bayberry St From South		Chestnut St From West		Int. Total
	Left	Thru	Left	Right	Thru	Right	
16:00	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0
Apprch %	0	0	0	0	0	0	
Total %							

Start Time	Chestnut St From East			Bayberry St From South			Chestnut St From West			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 16:00										
16:00	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	16:00			16:00			16:00			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
+0 mins.	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000



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15

N/S Street : Bayberry Street
 E/W Street : Herald Street
 City/State : Pepperell, MA
 Weather : Clear

Accurate Counts
 978-664-2565

AM COMMUTING PERIOD (7-9AM)
 CARS AND TRUCKS

File Name : 06030002
 Site Code : 06030002
 Start Date : 4/11/2006
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Bayberry St From North		Herald St From East		Herald St From West		Thru	Int. Total
	Left	Right	Thru	Right	Left	Thru		
07:00	2	3	12	0	0	5	22	
07:15	1	1	6	0	1	8	17	
07:30	4	0	2	0	1	5	12	
07:45	6	3	5	0	1	11	26	
Total	13	7	25	0	3	29	77	
08:00	2	2	4	1	0	3	12	
08:15	0	0	5	0	1	8	14	
08:30	4	1	2	3	0	9	19	
08:45	1	2	2	0	2	11	18	
Total	7	5	13	4	3	31	63	
Grand Total	20	12	38	4	6	60	140	
Approch %	62.5	37.5	90.5	9.5	9.1	90.9		
Total %	14.3	8.6	27.1	2.9	4.3	42.9		
Cars	19	12	36	3	6	58	134	
% Cars	95	100	94.7	75	100	96.7	95.7	
Trucks	1	0	2	1	0	2	6	
% Trucks	5	0	5.3	25	0	3.3	4.3	

Start Time	Bayberry St From North			Thru	Herald St From East		Herald St From West			Int. Total
	Left	Right	App. Total		Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00										
07:00	2	3	5	12	0	12	0	5	5	22
07:15	1	1	2	6	0	6	1	8	9	17
07:30	4	0	4	2	0	2	1	5	6	12
07:45	6	3	9	5	0	5	1	11	12	26
Total Volume	13	7	20	25	0	25	3	29	32	77
% App. Total	65	35	100	0	0	0	9.4	90.6		
PHF	.542	.583	.556	.521	.000	.521	.750	.659	.667	.740

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

	07:00			08:00					
	Left	Right	App. Total	Left	Right	App. Total	Left	Thru	App. Total
+0 mins.	2	3	5	12	0	12	0	3	3
+15 mins.	1	1	2	6	0	6	1	8	9
+30 mins.	4	0	4	2	0	2	0	9	9
+45 mins.	6	3	9	5	0	5	2	11	13
Total Volume	13	7	20	25	0	25	3	31	34
% App. Total	65	35	100	0	0	0	8.8	91.2	
PHF	.542	.583	.556	.521	.000	.521	.375	.705	.654

N/S Street : Bayberry Street
E/W Street: Herald Street
City/State : Pepperell, MA
Weather : Clear

AM COMMUTING PERIOD (7-9AM)
CARS ONLY

File Name : 06030002
Site Code : 06030002
Start Date : 4/11/2006
Page No : 1

Start Time	Groups Printed- Cars						Int. Total
	Bayberry St From North		Herald St From East		Herald St From West		
	Left	Right	Thru	Right	Left	Thru	
07:00	2	3	11	0	0	5	21
07:15	1	1	6	0	1	8	17
07:30	4	0	2	0	1	5	12
07:45	5	3	5	0	1	10	24
Total	12	7	24	0	3	28	74
08:00	2	2	4	0	0	3	11
08:15	0	0	4	0	1	7	12
08:30	4	1	2	3	0	9	19
08:45	1	2	2	0	2	11	18
Total	7	5	12	3	3	30	60
Grand Total	19	12	36	3	6	58	134
Apprch %	61.3	38.7	92.3	7.7	9.4	90.6	
Total %	14.2	9	26.9	2.2	4.5	43.3	

Start Time	Bayberry St From North			Thru	Herald St From East		Left	Herald St From West		Int. Total
	Left	Right	App. Total		Right	App. Total		Thru	App. Total	
07:00	2	3	5	11	0	11	0	5	5	21
07:15	1	1	2	6	0	6	1	8	9	17
07:30	4	0	4	2	0	2	1	5	6	12
07:45	5	3	8	5	0	5	1	10	11	24
Total Volume	12	7	19	24	0	24	3	28	31	74
% App. Total	63.2	36.8		100	0		9.7	90.3		
PHF	.600	.583	.594	.545	.000	.545	.750	.700	.705	.771

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

	07:00			08:00		
	Left	Right	App. Total	Left	Right	App. Total
+0 mins.	2	3	5	11	0	11
+15 mins.	1	1	2	6	0	6
+30 mins.	4	0	4	2	0	2
+45 mins.	5	3	8	5	0	5
Total Volume	12	7	19	24	0	24
% App. Total	63.2	36.8		100	0	
PHF	.600	.583	.594	.545	.000	.545

N/S Street : Bayberry Street
 E/W Street : Herald Street
 City/State : Pepperell, MA
 Weather : Clear

Accurate Counts
 978-664-2565

AM COMMUTING PERIOD (7-9AM)
 TRUCKS ONLY

File Name : 06030002
 Site Code : 06030002
 Start Date : 4/11/2006
 Page No : 1

Groups Printed- Trucks

Start Time	Bayberry St From North		Herald St From East		Herald St From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
07:00	0	0	1	0	0	0	1
07:15	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0
07:45	1	0	0	0	0	1	2
Total	1	0	1	0	0	1	3
08:00	0	0	0	1	0	0	1
08:15	0	0	1	0	0	1	2
08:30	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0
Total	0	0	1	1	0	1	3
Grand Total	1	0	2	1	0	2	6
Apprch %	100	0	66.7	33.3	0	100	
Total %	16.7	0	33.3	16.7	0	33.3	

Start Time	Bayberry St From North			Herald St From East			Herald St From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
07:30	0	0	0	0	0	0	0	0	0	0
07:45	1	0	1	0	0	0	0	1	1	2
08:00	0	0	0	0	1	1	0	0	0	1
08:15	0	0	0	1	0	1	0	1	1	2
Total Volume	1	0	1	1	1	2	0	2	2	5
% App. Total	100	0		50	50		0	100		
PHF	.250	.000	.250	.250	.250	.500	.000	.500	.500	.625

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

	07:00			07:30			07:30		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	1	1
+30 mins.	0	0	0	0	1	1	0	0	0
+45 mins.	1	0	1	1	0	1	0	1	1
Total Volume	1	0	1	1	1	2	0	2	2
% App. Total	100	0		50	50		0	100	
PHF	.250	.000	.250	.250	.250	.500	.000	.500	.500

N/S Street : Bayberry Street
 E/W Street: Herald Street
 City/State : Pepperell, MA
 Weather : Clear

Accurate Counts
 978-664-2565

PM COMMUTING PERIOD (4-6PM)
CARS AND TRUCKS

File Name : 06030002
 Site Code : 06030002
 Start Date : 4/11/2006
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Bayberry St From North		Herald St From East		Herald St From West		Thru	Int. Total
	Left	Right	Thru	Right	Left	Thru		
16:00	2	2	5	1	1	5	16	
16:15	2	1	8	3	0	4	18	
16:30	1	1	13	2	2	4	23	
16:45	0	2	6	0	1	8	17	
Total	5	6	32	6	4	21	74	
17:00	1	0	10	6	0	9	26	
17:15	3	1	8	6	0	4	22	
17:30	0	0	6	1	1	3	11	
17:45	0	1	5	2	0	5	13	
Total	4	2	29	15	1	21	72	
Grand Total	9	8	61	21	5	42	146	
Apprch %	52.9	47.1	74.4	25.6	10.6	89.4		
Total %	6.2	5.5	41.8	14.4	3.4	28.8		
Cars	9	8	61	21	5	42	146	
% Cars	100	100	100	100	100	100	100	
Trucks	0	0	0	0	0	0	0	
% Trucks	0	0	0	0	0	0	0	

Start Time	Bayberry St From North			Herald St From East			Herald St From West			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 16:30										
16:30	1	1	2	13	2	15	2	4	6	23
16:45	0	2	2	6	0	6	1	8	9	17
17:00	1	0	1	10	6	16	0	9	9	26
17:15	3	1	4	8	6	14	0	4	4	22
Total Volume	5	4	9	37	14	51	3	25	28	88
% App. Total	55.6	44.4		72.5	27.5		10.7	89.3		
PHF	.417	.500	.563	.712	.583	.797	.375	.694	.778	.846

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

	16:00			16:30			16:15		
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total
+0 mins.	2	2	4	13	2	15	0	4	4
+15 mins.	2	1	3	6	0	6	2	4	6
+30 mins.	1	1	2	10	6	16	1	8	9
+45 mins.	0	2	2	8	6	14	0	9	9
Total Volume	5	6	11	37	14	51	3	25	28
% App. Total	45.5	54.5		72.5	27.5		10.7	89.3	
PHF	.625	.750	.688	.712	.583	.797	.375	.694	.778

N/S Street : Bayberry Street
 E/W Street: Herald Street
 City/State : Pepperell, MA
 Weather : Clear

Accurate Counts
 978-664-2565

PM COMMUTING PERIOD (4-6PM)
CAAS ONLY

File Name : 06030002
 Site Code : 06030002
 Start Date : 4/11/2006
 Page No : 1

Groups Printed- Cars

Start Time	Bayberry St From North		Herald St From East		Herald St From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
16:00	2	2	5	1	1	5	16
16:15	2	1	8	3	0	4	18
16:30	1	1	13	2	2	4	23
16:45	0	2	6	0	1	8	17
Total	5	6	32	6	4	21	74
17:00	1	0	10	6	0	9	26
17:15	3	1	8	6	0	4	22
17:30	0	0	6	1	1	3	11
17:45	0	1	5	2	0	5	13
Total	4	2	29	15	1	21	72
Grand Total	9	8	61	21	5	42	146
Apprch %	52.9	47.1	74.4	25.6	10.6	89.4	
Total %	6.2	5.5	41.8	14.4	3.4	28.8	

Start Time	Bayberry St From North			Thru	Herald St From East		App. Total	Herald St From West		App. Total	Int. Total
	Left	Right	App. Total		Right	App. Total		Left	Thru		
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1											
Peak Hour for Entire Intersection Begins at 16:30											
16:30	1	1	2	13	2	15	2	4	6	23	
16:45	0	2	2	6	0	6	1	8	9	17	
17:00	1	0	1	10	6	16	0	9	9	26	
17:15	3	1	4	8	6	14	0	4	4	22	
Total Volume	5	4	9	37	14	51	3	25	28	88	
% App. Total	55.6	44.4		72.5	27.5		10.7	89.3			
PHF	.417	.500	.563	.712	.583	.797	.375	.694	.778	.846	

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

	16:00			16:30			16:15		
	Left	Right	App. Total	Left	Right	App. Total	Left	Right	App. Total
+0 mins.	2	2	4	13	2	15	0	4	4
+15 mins.	2	1	3	6	0	6	2	4	6
+30 mins.	1	1	2	10	6	16	1	8	9
+45 mins.	0	2	2	8	6	14	0	9	9
Total Volume	5	6	11	37	14	51	3	25	28
% App. Total	45.5	54.5		72.5	27.5		10.7	89.3	
PHF	.625	.750	.688	.712	.583	.797	.375	.694	.778

N/S Street : Bayberry Street
 E/W Street: Herald Street
 City/State : Pepperell, MA
 Weather : Clear

Accurate Counts
 978-664-2565

PM COMMUTING PERIOD (4-6PM)
 TRUCKS ONLY

File Name : 06030002
 Site Code : 06030002
 Start Date : 4/11/2006
 Page No : 1

Start Time	Bayberry St From North		Herald St From East		Herald St From West		Int. Total
	Left	Right	Thru	Right	Left	Thru	
16:00	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0
Approch %	0	0	0	0	0	0	0
Total %							

Start Time	Bayberry St From North			Thru	Herald St From East		Left	Herald St From West		App. Total	Int. Total
	Left	Right	App. Total		Right	App. Total		Thru	App. Total		
16:00	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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

	16:00			16:00			16:00			
+0 mins.	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000