

**Appendix A**  
**Traffic Count Data**



PRECISION  
D A T A  
INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503  
Office: 508.481.3999 Fax: 508.545.1234  
Email: datarequests@pdillc.com

N/S: Waltham Street  
E/W: Worthen Road  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 A  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Waltham Street From North			Worthen Road From East			Waltham Street From South			Worthen Road From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
07:00 AM	4	71	0	7	4	1	1	42	16	59	9	4	218
07:15 AM	7	69	3	9	19	5	1	42	48	61	7	6	277
07:30 AM	21	113	8	45	41	4	2	95	63	78	14	14	498
07:45 AM	7	108	20	14	18	4	2	66	68	110	9	18	444
Total	39	361	31	75	82	14	6	245	195	308	39	42	1437
08:00 AM	7	119	4	5	19	5	4	70	54	101	11	6	405
08:15 AM	10	134	4	8	24	0	4	78	52	111	11	8	444
08:30 AM	12	132	12	12	15	2	1	72	76	107	24	7	472
08:45 AM	14	115	10	10	24	4	2	84	74	91	24	13	465
Total	43	500	30	35	82	11	11	304	256	410	70	34	1786
Grand Total	82	861	61	110	164	25	17	549	451	718	109	76	3223
Apprch %	8.2	85.8	6.1	36.8	54.8	8.4	1.7	54	44.3	79.5	12.1	8.4	
Total %	2.5	26.7	1.9	3.4	5.1	0.8	0.5	17	14	22.3	3.4	2.4	
Cars	79	839	60	109	162	25	16	527	422	698	101	75	3113
% Cars	96.3	97.4	98.4	99.1	98.8	100	94.1	96	93.6	97.2	92.7	98.7	96.6
Heavy Vehicles	3	22	1	1	2	0	1	22	29	20	8	1	110
% Heavy Vehicles	3.7	2.6	1.6	0.9	1.2	0	5.9	4	6.4	2.8	7.3	1.3	3.4

Start Time	Waltham Street From North				Worthen Road From East				Waltham Street From South				Worthen Road From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	21	113	8	142	45	41	4	90	2	95	63	160	78	14	14	106	498
07:45 AM	7	108	20	135	14	18	4	36	2	66	68	136	110	9	18	137	444
08:00 AM	7	119	4	130	5	19	5	29	4	70	54	128	101	11	6	118	405
08:15 AM	10	134	4	148	8	24	0	32	4	78	52	134	111	11	8	130	444
Total Volume	45	474	36	555	72	102	13	187	12	309	237	558	400	45	46	491	1791
% App. Total	8.1	85.4	6.5		38.5	54.5	7		2.2	55.4	42.5		81.5	9.2	9.4		
PHF	.536	.884	.450	.938	.400	.622	.650	.519	.750	.813	.871	.872	.901	.804	.639	.896	.899
Cars	44	466	35	545	72	101	13	186	11	296	225	532	390	43	45	478	1741
% Cars	97.8	98.3	97.2	98.2	100	99.0	100	99.5	91.7	95.8	94.9	95.3	97.5	95.6	97.8	97.4	97.2
Heavy Vehicles	1	8	1	10	0	1	0	1	1	13	12	26	10	2	1	13	50
% Heavy Vehicles	2.2	1.7	2.8	1.8	0	1.0	0	0.5	8.3	4.2	5.1	4.7	2.5	4.4	2.2	2.6	2.8



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City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 A  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars

Start Time	Waltham Street From North			Worthen Road From East			Waltham Street From South			Worthen Road From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
07:00 AM	4	69	0	7	4	1	1	41	13	57	7	4	208
07:15 AM	5	64	3	9	18	5	1	39	42	58	4	6	254
07:30 AM	21	110	8	45	41	4	2	91	62	78	13	14	489
07:45 AM	7	106	19	14	18	4	2	63	61	105	9	18	426
Total	37	349	30	75	81	14	6	234	178	298	33	42	1377
08:00 AM	6	117	4	5	18	5	3	67	52	100	10	5	392
08:15 AM	10	133	4	8	24	0	4	75	50	107	11	8	434
08:30 AM	12	130	12	12	15	2	1	72	71	104	24	7	462
08:45 AM	14	110	10	9	24	4	2	79	71	89	23	13	448
Total	42	490	30	34	81	11	10	293	244	400	68	33	1736
Grand Total	79	839	60	109	162	25	16	527	422	698	101	75	3113
Apprch %	8.1	85.8	6.1	36.8	54.7	8.4	1.7	54.6	43.7	79.9	11.6	8.6	
Total %	2.5	27	1.9	3.5	5.2	0.8	0.5	16.9	13.6	22.4	3.2	2.4	

Start Time	Waltham Street From North				Worthen Road From East				Waltham Street From South				Worthen Road From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	21	110	8	139	45	41	4	90	2	91	62	155	78	13	14	105	489
07:45 AM	7	106	19	132	14	18	4	36	2	63	61	126	105	9	18	132	426
08:00 AM	6	117	4	127	5	18	5	28	3	67	52	122	100	10	5	115	392
08:15 AM	10	133	4	147	8	24	0	32	4	75	50	129	107	11	8	126	434
Total Volume	44	466	35	545	72	101	13	186	11	296	225	532	390	43	45	478	1741
% App. Total	8.1	85.5	6.4		38.7	54.3	7		2.1	55.6	42.3		81.6	9	9.4		
PHF	.524	.876	.461	.927	.400	.616	.650	.517	.688	.813	.907	.858	.911	.827	.625	.905	.890



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Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Waltham Street From North			Worthen Road From East			Waltham Street From South			Worthen Road From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
07:00 AM	0	2	0	0	0	0	0	1	3	2	2	0	10
07:15 AM	2	5	0	0	1	0	0	3	6	3	3	0	23
07:30 AM	0	3	0	0	0	0	0	4	1	0	1	0	9
07:45 AM	0	2	1	0	0	0	0	3	7	5	0	0	18
<b>Total</b>	<b>2</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>17</b>	<b>10</b>	<b>6</b>	<b>0</b>	<b>60</b>
08:00 AM	1	2	0	0	1	0	1	3	2	1	1	1	13
08:15 AM	0	1	0	0	0	0	0	3	2	4	0	0	10
08:30 AM	0	2	0	0	0	0	0	0	5	3	0	0	10
08:45 AM	0	5	0	1	0	0	0	5	3	2	1	0	17
<b>Total</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>12</b>	<b>10</b>	<b>2</b>	<b>1</b>	<b>50</b>
<b>Grand Total</b>	<b>3</b>	<b>22</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>22</b>	<b>29</b>	<b>20</b>	<b>8</b>	<b>1</b>	<b>110</b>
Apprch %	11.5	84.6	3.8	33.3	66.7	0	1.9	42.3	55.8	69	27.6	3.4	
Total %	2.7	20	0.9	0.9	1.8	0	0.9	20	26.4	18.2	7.3	0.9	

Start Time	Waltham Street From North				Worthen Road From East				Waltham Street From South				Worthen Road From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	2	5	0	7	0	1	0	1	0	3	6	9	3	3	0	6	23
07:30 AM	0	3	0	3	0	0	0	0	0	4	1	5	0	1	0	1	9
07:45 AM	0	2	1	3	0	0	0	0	0	3	7	10	5	0	0	5	18
08:00 AM	1	2	0	3	0	1	0	1	1	3	2	6	1	1	1	3	13
<b>Total Volume</b>	<b>3</b>	<b>12</b>	<b>1</b>	<b>16</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>13</b>	<b>16</b>	<b>30</b>	<b>9</b>	<b>5</b>	<b>1</b>	<b>15</b>	<b>63</b>
% App. Total	18.8	75	6.2		0	100	0		3.3	43.3	53.3		60	33.3	6.7		
PHF	.375	.600	.250	.571	.000	.500	.000	.500	.250	.813	.571	.750	.450	.417	.250	.625	.685



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Groups Printed- Peds and Bicycles

Start Time	Waltham Street From North				Worthen Road From East				Waltham Street From South				Worthen Road From West				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
07:00 AM	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3
07:15 AM	0	0	0	4	0	0	0	1	0	1	0	0	0	0	0	2	8
07:30 AM	0	0	0	22	1	1	0	0	0	2	0	0	0	0	0	11	37
07:45 AM	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	2	8
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>31</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>56</b>
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
08:15 AM	0	1	0	4	0	0	0	0	0	1	0	0	0	0	0	3	9
08:30 AM	0	0	0	5	0	0	0	0	0	2	0	0	0	0	0	4	11
08:45 AM	0	0	0	4	0	0	0	1	0	1	0	0	0	0	0	0	6
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>27</b>
<b>Grand Total</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>44</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>23</b>	<b>83</b>
Apprch %	0	6.4	0	93.6	25	25	0	50	0	87.5	0	12.5	0	4.2	0	95.8	
Total %	0	3.6	0	53	1.2	1.2	0	2.4	0	8.4	0	1.2	0	1.2	0	27.7	

Start Time	Waltham Street From North					Worthen Road From East					Waltham Street From South					Worthen Road From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	3
07:15 AM	0	0	0	4	4	0	0	0	1	1	0	1	0	0	1	0	0	0	2	2	8
07:30 AM	0	0	0	22	22	1	1	0	0	2	0	2	0	0	2	0	0	0	11	11	37
07:45 AM	0	1	0	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	8
Total Volume	0	2	0	31	33	1	1	0	1	3	0	3	0	1	4	0	0	0	16	16	56
% App. Total	0	6.1	0	93.9		33.3	33.3	0	33.3		0	75	0	25		0	0	0	100		
PHF	.000	.500	.000	.352	.375	.250	.250	.000	.250	.375	.000	.375	.000	.250	.500	.000	.000	.000	.364	.364	.378



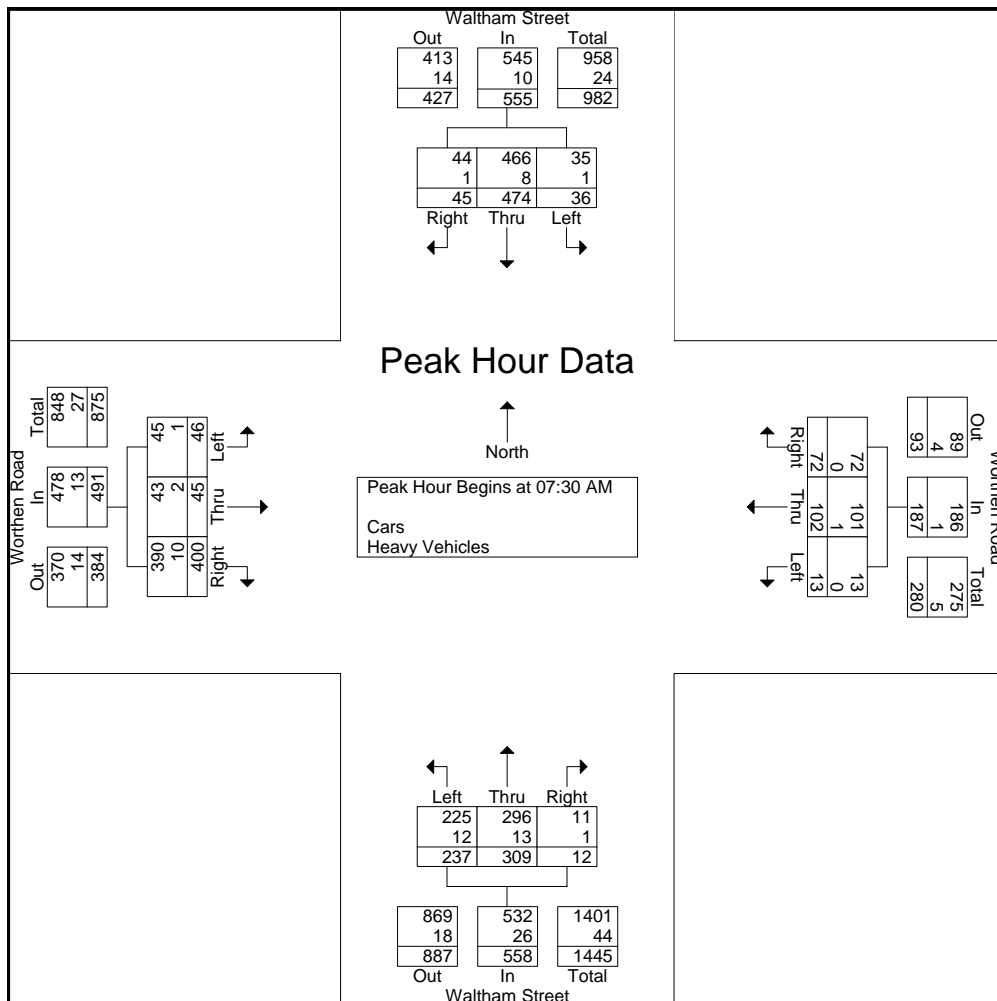
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07:45 AM	7	108	20	135	14	18	4	36	2	66	68	136	110	9	18	137	444
08:00 AM	7	119	4	130	5	19	5	29	4	70	54	128	101	11	6	118	405
08:15 AM	10	134	4	148	8	24	0	32	4	78	52	134	111	11	8	130	444
Total Volume	45	474	36	555	72	102	13	187	12	309	237	558	400	45	46	491	1791
% App. Total	8.1	85.4	6.5		38.5	54.5	7		2.2	55.4	42.5		81.5	9.2	9.4		
PHF	.536	.884	.450	.938	.400	.622	.650	.519	.750	.813	.871	.872	.901	.804	.639	.896	.899
Cars	44	466	35	545	72	101	13	186	11	296	225	532	390	43	45	478	1741
% Cars	97.8	98.3	97.2	98.2	100	99.0	100	99.5	91.7	95.8	94.9	95.3	97.5	95.6	97.8	97.4	97.2
Heavy Vehicles	1	8	1	10	0	1	0	1	1	13	12	26	10	2	1	13	50
% Heavy Vehicles	2.2	1.7	2.8	1.8	0	1.0	0	0.5	8.3	4.2	5.1	4.7	2.5	4.4	2.2	2.6	2.8





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Start Time	Waltham Street From North			Worthen Road From East			Waltham Street From South			Worthen Road From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
04:00 PM	12	91	3	6	16	2	5	122	75	51	24	7	414
04:15 PM	11	82	6	6	18	8	1	141	104	72	22	12	483
04:30 PM	9	76	4	4	11	2	4	116	94	56	24	7	407
04:45 PM	10	88	4	11	16	1	2	135	79	65	17	16	444
Total	42	337	17	27	61	13	12	514	352	244	87	42	1748
05:00 PM	15	87	2	3	14	1	1	134	98	82	18	18	473
05:15 PM	13	87	4	4	11	6	4	150	66	76	37	12	470
05:30 PM	18	88	10	4	13	2	6	119	77	113	40	18	508
05:45 PM	10	81	8	8	14	1	2	149	96	102	33	17	521
Total	56	343	24	19	52	10	13	552	337	373	128	65	1972
Grand Total	98	680	41	46	113	23	25	1066	689	617	215	107	3720
Apprch %	12	83	5	25.3	62.1	12.6	1.4	59.9	38.7	65.7	22.9	11.4	
Total %	2.6	18.3	1.1	1.2	3	0.6	0.7	28.7	18.5	16.6	5.8	2.9	
Cars	97	674	41	46	111	22	24	1050	674	606	213	106	3664
% Cars	99	99.1	100	100	98.2	95.7	96	98.5	97.8	98.2	99.1	99.1	98.5
Heavy Vehicles	1	6	0	0	2	1	1	16	15	11	2	1	56
% Heavy Vehicles	1	0.9	0	0	1.8	4.3	4	1.5	2.2	1.8	0.9	0.9	1.5

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Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	15	87	2	104	3	14	1	18	1	134	98	233	82	18	18	118	473
05:15 PM	13	87	4	104	4	11	6	21	4	150	66	220	76	37	12	125	470
05:30 PM	18	88	10	116	4	13	2	19	6	119	77	202	113	40	18	171	508
05:45 PM	10	81	8	99	8	14	1	23	2	149	96	247	102	33	17	152	521
Total Volume	56	343	24	423	19	52	10	81	13	552	337	902	373	128	65	566	1972
% App. Total	13.2	81.1	5.7		23.5	64.2	12.3		1.4	61.2	37.4		65.9	22.6	11.5		
PHF	.778	.974	.600	.912	.594	.929	.417	.880	.542	.920	.860	.913	.825	.800	.903	.827	.946
Cars	56	342	24	422	19	51	10	80	13	543	332	888	369	127	64	560	1950
% Cars	100	99.7	100	99.8	100	98.1	100	98.8	100	98.4	98.5	98.4	98.9	99.2	98.5	98.9	98.9
Heavy Vehicles	0	1	0	1	0	1	0	1	0	9	5	14	4	1	1	6	22
% Heavy Vehicles	0	0.3	0	0.2	0	1.9	0	1.2	0	1.6	1.5	1.6	1.1	0.8	1.5	1.1	1.1



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Email: datarequests@pdillc.com

N/S: Waltham Street  
E/W: Worthen Road  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 AA  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars

Start Time	Waltham Street From North			Worthen Road From East			Waltham Street From South			Worthen Road From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
04:00 PM	11	88	3	6	16	2	5	120	72	51	23	7	404
04:15 PM	11	81	6	6	18	8	0	138	100	70	22	12	472
04:30 PM	9	75	4	4	10	1	4	115	92	53	24	7	398
04:45 PM	10	88	4	11	16	1	2	134	78	63	17	16	440
Total	41	332	17	27	60	12	11	507	342	237	86	42	1714
05:00 PM	15	86	2	3	14	1	1	132	95	82	17	18	466
05:15 PM	13	87	4	4	11	6	4	147	66	76	37	12	467
05:30 PM	18	88	10	4	13	2	6	118	75	112	40	18	504
05:45 PM	10	81	8	8	13	1	2	146	96	99	33	16	513
Total	56	342	24	19	51	10	13	543	332	369	127	64	1950
Grand Total	97	674	41	46	111	22	24	1050	674	606	213	106	3664
Apprch %	11.9	83	5	25.7	62	12.3	1.4	60.1	38.6	65.5	23	11.5	
Total %	2.6	18.4	1.1	1.3	3	0.6	0.7	28.7	18.4	16.5	5.8	2.9	

Start Time	Waltham Street From North				Worthen Road From East				Waltham Street From South				Worthen Road From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	15	86	2	103	3	14	1	18	1	132	95	228	82	17	18	117	466
05:15 PM	13	87	4	104	4	11	6	21	4	147	66	217	76	37	12	125	467
05:30 PM	18	88	10	116	4	13	2	19	6	118	75	199	112	40	18	170	504
05:45 PM	10	81	8	99	8	13	1	22	2	146	96	244	99	33	16	148	513
Total Volume	56	342	24	422	19	51	10	80	13	543	332	888	369	127	64	560	1950
% App. Total	13.3	81	5.7		23.8	63.8	12.5		1.5	61.1	37.4		65.9	22.7	11.4		
PHF	.778	.972	.600	.909	.594	.911	.417	.909	.542	.923	.865	.910	.824	.794	.889	.824	.950



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N/S: Waltham Street  
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City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 AA  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Waltham Street From North			Worthen Road From East			Waltham Street From South			Worthen Road From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
04:00 PM	1	3	0	0	0	0	0	2	3	0	1	0	10
04:15 PM	0	1	0	0	0	0	1	3	4	2	0	0	11
04:30 PM	0	1	0	0	1	1	0	1	2	3	0	0	9
04:45 PM	0	0	0	0	0	0	0	1	1	2	0	0	4
<b>Total</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>10</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>34</b>
05:00 PM	0	1	0	0	0	0	0	2	3	0	1	0	7
05:15 PM	0	0	0	0	0	0	0	3	0	0	0	0	3
05:30 PM	0	0	0	0	0	0	0	1	2	1	0	0	4
05:45 PM	0	0	0	0	1	0	0	3	0	3	0	1	8
<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>22</b>
<b>Grand Total</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>16</b>	<b>15</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>56</b>
Apprch %	14.3	85.7	0	0	66.7	33.3	3.1	50	46.9	78.6	14.3	7.1	
Total %	1.8	10.7	0	0	3.6	1.8	1.8	28.6	26.8	19.6	3.6	1.8	

Start Time	Waltham Street From North				Worthen Road From East				Waltham Street From South				Worthen Road From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	1	3	0	4	0	0	0	0	0	2	3	5	0	1	0	1	10
04:15 PM	0	1	0	1	0	0	0	0	1	3	4	8	2	0	0	2	11
04:30 PM	0	1	0	1	0	1	1	2	0	1	2	3	3	0	0	3	9
04:45 PM	0	0	0	0	0	0	0	0	0	1	1	2	2	0	0	2	4
<b>Total Volume</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>7</b>	<b>10</b>	<b>18</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>34</b>
<b>% App. Total</b>	<b>16.7</b>	<b>83.3</b>	<b>0</b>		<b>0</b>	<b>50</b>	<b>50</b>		<b>5.6</b>	<b>38.9</b>	<b>55.6</b>		<b>87.5</b>	<b>12.5</b>	<b>0</b>		
PHF	.250	.417	.000	.375	.000	.250	.250	.250	.250	.583	.625	.563	.583	.250	.000	.667	.773



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N/S: Waltham Street  
E/W: Worthen Road  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 AA  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Peds and Bicycles

Start Time	Waltham Street From North				Worthen Road From East				Waltham Street From South				Worthen Road From West				Int. Total	
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds		
04:00 PM	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	6
04:15 PM	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6	12
04:30 PM	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	4
04:45 PM	0	0	0	2	0	0	0	0	0	2	0	0	0	1	0	0	6	11
Total	0	0	0	14	0	0	0	0	1	3	0	0	0	1	0	0	14	33
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
05:15 PM	0	0	0	7	0	0	0	0	0	2	0	0	0	0	0	0	2	11
05:30 PM	0	1	0	3	0	0	0	0	0	1	0	1	0	0	0	0	0	6
05:45 PM	0	3	0	3	0	1	0	0	0	1	0	0	0	0	0	0	1	9
Total	0	4	0	13	0	1	0	0	0	4	0	1	0	0	0	0	5	28
Grand Total	0	4	0	27	0	1	0	0	1	7	0	1	0	1	0	0	19	61
Apprch %	0	12.9	0	87.1	0	100	0	0	11.1	77.8	0	11.1	0	5	0	95		
Total %	0	6.6	0	44.3	0	1.6	0	0	1.6	11.5	0	1.6	0	1.6	0	31.1		

Start Time	Waltham Street From North					Worthen Road From East					Waltham Street From South					Worthen Road From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	6
04:15 PM	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	12
04:30 PM	0	0	0	2	2	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	4
04:45 PM	0	0	0	2	2	0	0	0	0	0	0	2	0	0	0	1	0	0	6	7	11
Total Volume	0	0	0	14	14	0	0	0	0	0	1	3	0	0	4	0	1	0	14	15	33
% App. Total	0	0	0	100		0	0	0	0		25	75	0	0		0	6.7	0	93.3		
PHF	.000	.000	.000	.583	.583	.000	.000	.000	.000	.000	.250	.375	.000	.000	.500	.000	.250	.000	.583	.536	.688



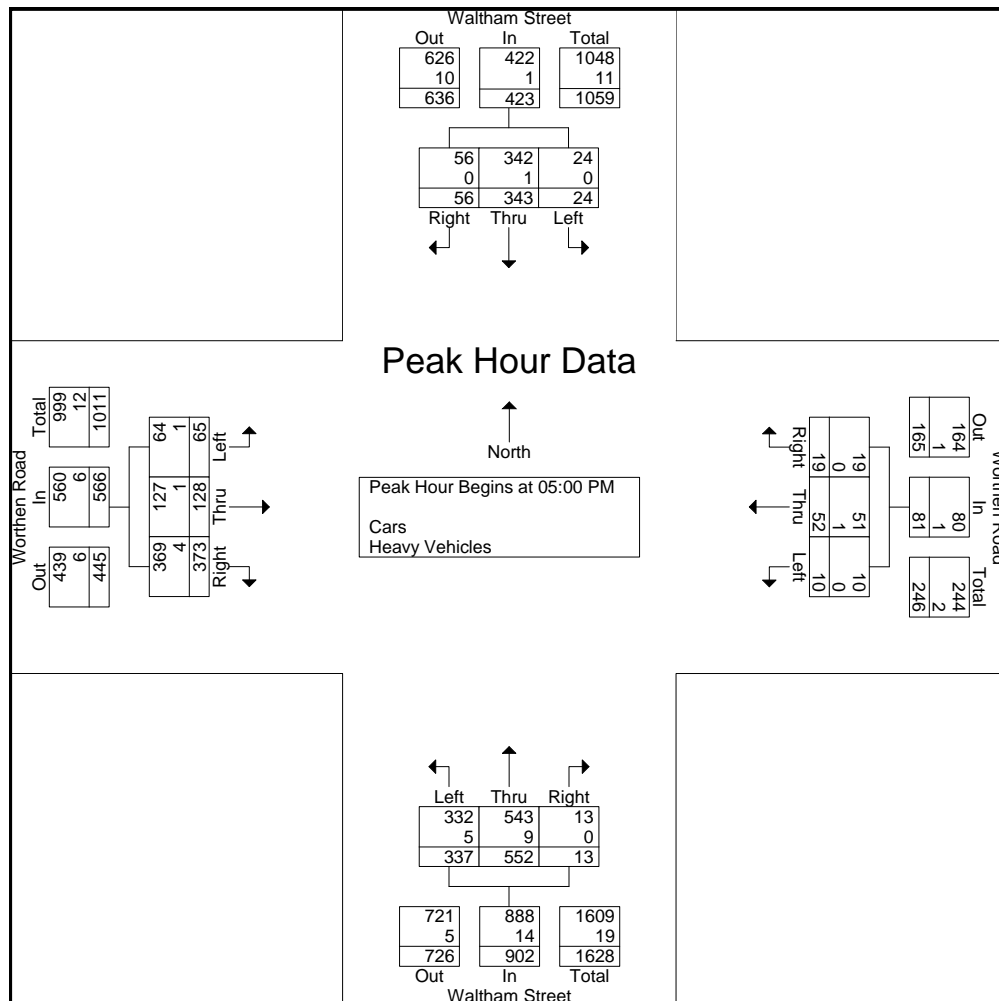
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N/S: Waltham Street  
E/W: Worthen Road  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 AA  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Start Time	Waltham Street From North				Worthen Road From East				Waltham Street From South				Worthen Road From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	15	87	2	104	3	14	1	18	1	134	98	233	82	18	18	118	473
05:15 PM	13	87	4	104	4	11	6	21	4	150	66	220	76	37	12	125	470
05:30 PM	18	88	10	116	4	13	2	19	6	119	77	202	113	40	18	171	508
05:45 PM	10	81	8	99	8	14	1	23	2	149	96	247	102	33	17	152	521
Total Volume	56	343	24	423	19	52	10	81	13	552	337	902	373	128	65	566	1972
% App. Total	13.2	81.1	5.7		23.5	64.2	12.3		1.4	61.2	37.4		65.9	22.6	11.5		
PHF	.778	.974	.600	.912	.594	.929	.417	.880	.542	.920	.860	.913	.825	.800	.903	.827	.946
Cars	56	342	24	422	19	51	10	80	13	543	332	888	369	127	64	560	1950
% Cars	100	99.7	100	99.8	100	98.1	100	98.8	100	98.4	98.5	98.4	98.9	99.2	98.5	98.9	98.9
Heavy Vehicles	0	1	0	1	0	1	0	1	0	9	5	14	4	1	1	6	22
% Heavy Vehicles	0	0.3	0	0.2	0	1.9	0	1.2	0	1.6	1.5	1.6	1.1	0.8	1.5	1.1	1.1





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N/S: Waltham Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 B  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Waltham Street From North			Marrett Road (Route 2A) From East			Waltham Street From South			Marrett Road (Route 2A) From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
07:00 AM	23	93	1	1	56	20	3	50	9	37	35	11	339
07:15 AM	24	125	4	6	79	20	9	84	14	36	35	16	452
07:30 AM	30	148	9	6	87	27	5	128	23	38	33	30	564
07:45 AM	36	165	8	1	71	33	27	99	41	62	47	21	611
Total	113	531	22	14	293	100	44	361	87	173	150	78	1966
08:00 AM	37	175	5	10	87	27	18	107	32	58	45	19	620
08:15 AM	47	181	4	11	107	38	15	123	39	78	35	13	691
08:30 AM	45	174	7	6	101	35	12	134	38	120	37	14	723
08:45 AM	38	162	7	11	62	36	12	128	30	104	66	23	679
Total	167	692	23	38	357	136	57	492	139	360	183	69	2713
Grand Total	280	1223	45	52	650	236	101	853	226	533	333	147	4679
Apprch %	18.1	79	2.9	5.5	69.3	25.2	8.6	72.3	19.2	52.6	32.9	14.5	
Total %	6	26.1	1	1.1	13.9	5	2.2	18.2	4.8	11.4	7.1	3.1	
Cars	267	1194	45	50	638	233	94	807	222	524	320	140	4534
% Cars	95.4	97.6	100	96.2	98.2	98.7	93.1	94.6	98.2	98.3	96.1	95.2	96.9
Heavy Vehicles	13	29	0	2	12	3	7	46	4	9	13	7	145
% Heavy Vehicles	4.6	2.4	0	3.8	1.8	1.3	6.9	5.4	1.8	1.7	3.9	4.8	3.1

Start Time	Waltham Street From North				Marrett Road (Route 2A) From East				Waltham Street From South				Marrett Road (Route 2A) From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	37	175	5	217	10	87	27	124	18	107	32	157	58	45	19	122	620
08:15 AM	47	181	4	232	11	107	38	156	15	123	39	177	78	35	13	126	691
08:30 AM	45	174	7	226	6	101	35	142	12	134	38	184	120	37	14	171	723
08:45 AM	38	162	7	207	11	62	36	109	12	128	30	170	104	66	23	193	679
Total Volume	167	692	23	882	38	357	136	531	57	492	139	688	360	183	69	612	2713
% App. Total	18.9	78.5	2.6		7.2	67.2	25.6		8.3	71.5	20.2		58.8	29.9	11.3		
PHF	.888	.956	.821	.950	.864	.834	.895	.851	.792	.918	.891	.935	.750	.693	.750	.793	.938
Cars	161	677	23	861	37	352	134	523	54	469	136	659	357	178	66	601	2644
% Cars	96.4	97.8	100	97.6	97.4	98.6	98.5	98.5	94.7	95.3	97.8	95.8	99.2	97.3	95.7	98.2	97.5
Heavy Vehicles	6	15	0	21	1	5	2	8	3	23	3	29	3	5	3	11	69
% Heavy Vehicles	3.6	2.2	0	2.4	2.6	1.4	1.5	1.5	5.3	4.7	2.2	4.2	0.8	2.7	4.3	1.8	2.5



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City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 B  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars

Start Time	Waltham Street From North			Marrett Road (Route 2A) From East			Waltham Street From South			Marrett Road (Route 2A) From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
07:00 AM	21	91	1	1	55	19	3	46	9	36	34	11	327
07:15 AM	23	118	4	6	76	20	8	77	13	33	35	14	427
07:30 AM	29	146	9	6	86	27	5	123	23	36	32	30	552
07:45 AM	33	162	8	0	69	33	24	92	41	62	41	19	584
Total	106	517	22	13	286	99	40	338	86	167	142	74	1890
08:00 AM	36	173	5	10	86	27	18	102	31	57	44	18	607
08:15 AM	46	177	4	10	105	38	13	118	38	78	35	12	674
08:30 AM	43	170	7	6	101	33	11	130	37	119	36	14	707
08:45 AM	36	157	7	11	60	36	12	119	30	103	63	22	656
Total	161	677	23	37	352	134	54	469	136	357	178	66	2644
Grand Total	267	1194	45	50	638	233	94	807	222	524	320	140	4534
Apprch %	17.7	79.3	3	5.4	69.3	25.3	8.4	71.9	19.8	53.3	32.5	14.2	
Total %	5.9	26.3	1	1.1	14.1	5.1	2.1	17.8	4.9	11.6	7.1	3.1	

Start Time	Waltham Street From North				Marrett Road (Route 2A) From East				Waltham Street From South				Marrett Road (Route 2A) From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	36	173	5	214	10	86	27	123	18	102	31	151	57	44	18	119	607
08:15 AM	46	177	4	227	10	105	38	153	13	118	38	169	78	35	12	125	674
08:30 AM	43	170	7	220	6	101	33	140	11	130	37	178	119	36	14	169	707
08:45 AM	36	157	7	200	11	60	36	107	12	119	30	161	103	63	22	188	656
Total Volume	161	677	23	861	37	352	134	523	54	469	136	659	357	178	66	601	2644
% App. Total	18.7	78.6	2.7		7.1	67.3	25.6		8.2	71.2	20.6		59.4	29.6	11		
PHF	.875	.956	.821	.948	.841	.838	.882	.855	.750	.902	.895	.926	.750	.706	.750	.799	.935



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E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 B  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Waltham Street From North			Marrett Road (Route 2A) From East			Waltham Street From South			Marrett Road (Route 2A) From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
07:00 AM	2	2	0	0	1	1	0	4	0	1	1	0	12
07:15 AM	1	7	0	0	3	0	1	7	1	3	0	2	25
07:30 AM	1	2	0	0	1	0	0	5	0	2	1	0	12
07:45 AM	3	3	0	1	2	0	3	7	0	0	6	2	27
<b>Total</b>	<b>7</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>4</b>	<b>23</b>	<b>1</b>	<b>6</b>	<b>8</b>	<b>4</b>	<b>76</b>
08:00 AM	1	2	0	0	1	0	0	5	1	1	1	1	13
08:15 AM	1	4	0	1	2	0	2	5	1	0	0	1	17
08:30 AM	2	4	0	0	0	2	1	4	1	1	1	0	16
08:45 AM	2	5	0	0	2	0	0	9	0	1	3	1	23
<b>Total</b>	<b>6</b>	<b>15</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>23</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>69</b>
<b>Grand Total</b>	<b>13</b>	<b>29</b>	<b>0</b>	<b>2</b>	<b>12</b>	<b>3</b>	<b>7</b>	<b>46</b>	<b>4</b>	<b>9</b>	<b>13</b>	<b>7</b>	<b>145</b>
Apprch %	31	69	0	11.8	70.6	17.6	12.3	80.7	7	31	44.8	24.1	
Total %	9	20	0	1.4	8.3	2.1	4.8	31.7	2.8	6.2	9	4.8	

Start Time	Waltham Street From North				Marrett Road (Route 2A) From East				Waltham Street From South				Marrett Road (Route 2A) From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	1	7	0	8	0	3	0	3	1	7	1	9	3	0	2	5	25
07:30 AM	1	2	0	3	0	1	0	1	0	5	0	5	2	1	0	3	12
07:45 AM	3	3	0	6	1	2	0	3	3	7	0	10	0	6	2	8	27
08:00 AM	1	2	0	3	0	1	0	1	0	5	1	6	1	1	1	3	13
<b>Total Volume</b>	<b>6</b>	<b>14</b>	<b>0</b>	<b>20</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>8</b>	<b>4</b>	<b>24</b>	<b>2</b>	<b>30</b>	<b>6</b>	<b>8</b>	<b>5</b>	<b>19</b>	<b>77</b>
% App. Total	30	70	0		12.5	87.5	0		13.3	80	6.7		31.6	42.1	26.3		
PHF	.500	.500	.000	.625	.250	.583	.000	.667	.333	.857	.500	.750	.500	.333	.625	.594	.713



PRECISION  
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INDUSTRIES, LLC

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Email: datarequests@pdillc.com

N/S: Waltham Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 B  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Peds and Bicycles

Start Time	Waltham Street From North				Marrett Road (Route 2A) From East				Waltham Street From South				Marrett Road (Route 2A) From West				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
07:00 AM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
07:15 AM	0	0	0	1	0	2	0	0	0	0	0	2	1	1	0	4	11
07:30 AM	0	1	0	1	0	0	0	0	0	1	0	8	0	2	0	4	17
07:45 AM	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	3
Total	0	3	0	2	0	4	0	1	0	1	0	10	1	4	0	8	34
08:00 AM	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	3	5
08:15 AM	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	4
08:30 AM	1	0	0	0	0	1	0	0	0	3	0	1	0	0	0	4	10
08:45 AM	0	1	0	1	0	2	0	1	0	1	0	0	0	1	0	1	8
Total	1	1	0	1	0	5	0	2	0	5	0	2	0	1	0	9	27
Grand Total	1	4	0	3	0	9	0	3	0	6	0	12	1	5	0	17	61
Apprch %	12.5	50	0	37.5	0	75	0	25	0	33.3	0	66.7	4.3	21.7	0	73.9	
Total %	1.6	6.6	0	4.9	0	14.8	0	4.9	0	9.8	0	19.7	1.6	8.2	0	27.9	

Start Time	Waltham Street From North					Marrett Road (Route 2A) From East					Waltham Street From South					Marrett Road (Route 2A) From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	0	0	1	1	0	2	0	0	2	0	0	0	2	2	1	1	0	4	6	11
07:30 AM	0	1	0	1	2	0	0	0	0	0	0	1	8	9	0	2	0	4	6	17	
07:45 AM	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	3
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	3	3	5
Total Volume	0	2	0	2	4	0	3	0	1	4	0	1	0	11	12	1	4	0	11	16	36
% App. Total	0	50	0	50		0	75	0	25		0	8.3	0	91.7		6.2	25	0	68.8		
PHF	.000	.500	.000	.500	.500	.000	.375	.000	.250	.500	.000	.250	.000	.344	.333	.250	.500	.000	.688	.667	.529



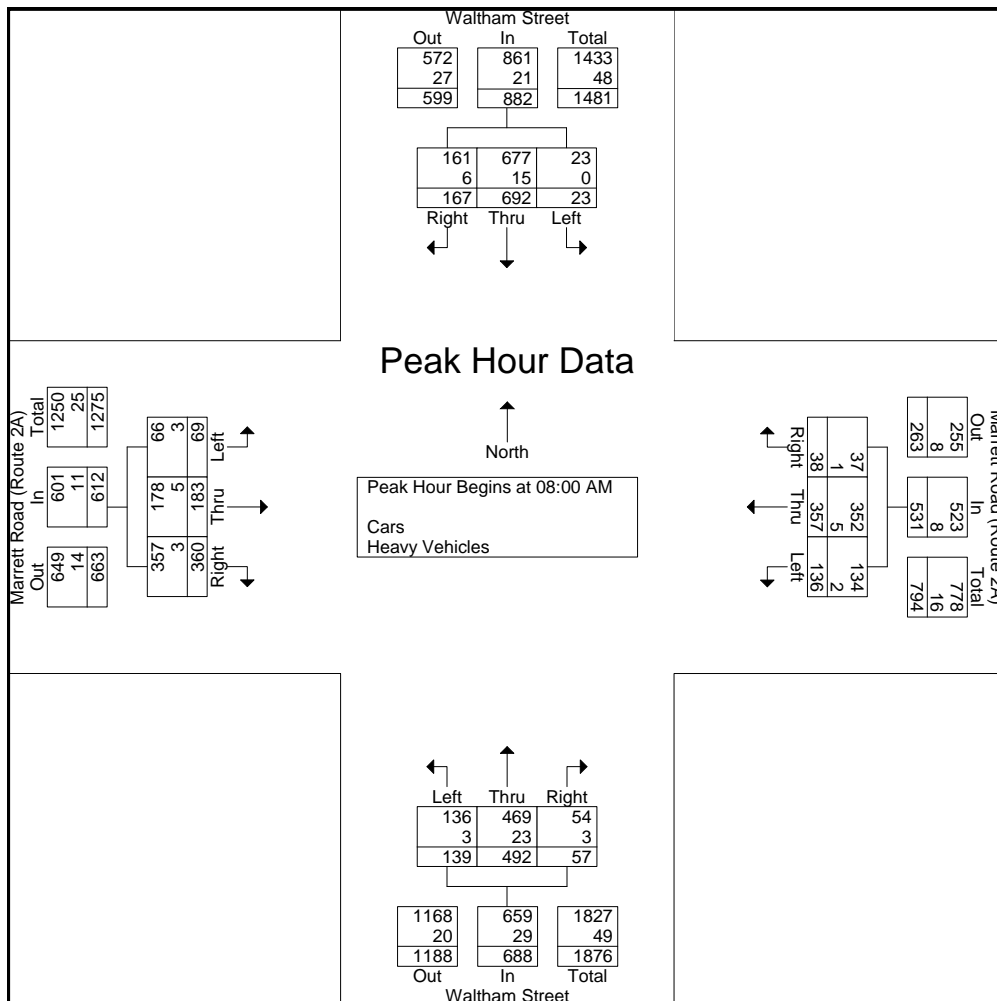
PRECISION  
D A T A  
INDUSTRIES, LLC

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N/S: Waltham Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 B  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Start Time	Waltham Street From North				Marrett Road (Route 2A) From East				Waltham Street From South				Marrett Road (Route 2A) From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	37	175	5	217	10	87	27	124	18	107	32	157	58	45	19	122	620
08:15 AM	47	181	4	232	11	107	38	156	15	123	39	177	78	35	13	126	691
08:30 AM	45	174	7	226	6	101	35	142	12	134	38	184	120	37	14	171	723
08:45 AM	38	162	7	207	11	62	36	109	12	128	30	170	104	66	23	193	679
Total Volume	167	692	23	882	38	357	136	531	57	492	139	688	360	183	69	612	2713
% App. Total	18.9	78.5	2.6		7.2	67.2	25.6		8.3	71.5	20.2		58.8	29.9	11.3		
PHF	.888	.956	.821	.950	.864	.834	.895	.851	.792	.918	.891	.935	.750	.693	.750	.793	.938
Cars	161	677	23	861	37	352	134	523	54	469	136	659	357	178	66	601	2644
% Cars	96.4	97.8	100	97.6	97.4	98.6	98.5	98.5	94.7	95.3	97.8	95.8	99.2	97.3	95.7	98.2	97.5
Heavy Vehicles	6	15	0	21	1	5	2	8	3	23	3	29	3	5	3	11	69
% Heavy Vehicles	3.6	2.2	0	2.4	2.6	1.4	1.5	1.5	5.3	4.7	2.2	4.2	0.8	2.7	4.3	1.8	2.5





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City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 BB  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Waltham Street From North			Marrett Street (Route 2A) From East			Waltham Street From South			Marrett Street (Route 2A) From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
04:00 PM	23	115	8	7	46	16	20	147	23	13	71	41	530
04:15 PM	13	120	11	18	44	13	23	177	17	16	67	50	569
04:30 PM	18	119	9	18	47	18	26	158	22	33	81	42	591
04:45 PM	26	121	10	10	50	20	23	163	25	33	97	46	624
<b>Total</b>	<b>80</b>	<b>475</b>	<b>38</b>	<b>53</b>	<b>187</b>	<b>67</b>	<b>92</b>	<b>645</b>	<b>87</b>	<b>95</b>	<b>316</b>	<b>179</b>	<b>2314</b>
05:00 PM	20	133	14	8	68	19	21	174	29	24	103	43	656
05:15 PM	19	140	12	12	47	15	24	169	23	39	99	42	641
05:30 PM	21	168	13	14	53	14	28	182	17	42	104	28	684
05:45 PM	19	182	12	16	31	19	15	189	29	36	93	44	685
<b>Total</b>	<b>79</b>	<b>623</b>	<b>51</b>	<b>50</b>	<b>199</b>	<b>67</b>	<b>88</b>	<b>714</b>	<b>98</b>	<b>141</b>	<b>399</b>	<b>157</b>	<b>2666</b>
<b>Grand Total</b>	<b>159</b>	<b>1098</b>	<b>89</b>	<b>103</b>	<b>386</b>	<b>134</b>	<b>180</b>	<b>1359</b>	<b>185</b>	<b>236</b>	<b>715</b>	<b>336</b>	<b>4980</b>
Apprch %	11.8	81.6	6.6	16.5	62	21.5	10.4	78.8	10.7	18.3	55.6	26.1	
Total %	3.2	22	1.8	2.1	7.8	2.7	3.6	27.3	3.7	4.7	14.4	6.7	
Cars	156	1085	88	100	375	132	180	1336	184	234	711	331	4912
% Cars	98.1	98.8	98.9	97.1	97.2	98.5	100	98.3	99.5	99.2	99.4	98.5	98.6
Heavy Vehicles	3	13	1	3	11	2	0	23	1	2	4	5	68
% Heavy Vehicles	1.9	1.2	1.1	2.9	2.8	1.5	0	1.7	0.5	0.8	0.6	1.5	1.4

Start Time	Waltham Street From North				Marrett Street (Route 2A) From East				Waltham Street From South				Marrett Street (Route 2A) From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	20	133	<b>14</b>	167	8	<b>68</b>	<b>19</b>	<b>95</b>	21	174	<b>29</b>	224	24	103	43	170	656
05:15 PM	19	140	12	171	12	47	15	74	24	169	23	216	39	99	42	<b>180</b>	641
05:30 PM	<b>21</b>	168	13	202	14	53	14	81	<b>28</b>	182	17	227	<b>42</b>	<b>104</b>	28	174	684
05:45 PM	19	<b>182</b>	12	<b>213</b>	<b>16</b>	31	19	66	15	<b>189</b>	29	<b>233</b>	36	93	<b>44</b>	173	<b>685</b>
Total Volume	79	623	51	753	50	199	67	316	88	714	98	900	141	399	157	697	2666
% App. Total	10.5	82.7	6.8		15.8	63	21.2		9.8	79.3	10.9		20.2	57.2	22.5		
PHF	.940	.856	.911	.884	.781	.732	.882	.832	.786	.944	.845	.966	.839	.959	.892	.968	.973
Cars	78	620	50	748	48	195	67	310	88	706	98	892	140	399	155	694	2644
% Cars	98.7	99.5	98.0	99.3	96.0	98.0	100	98.1	100	98.9	100	99.1	99.3	100	98.7	99.6	99.2
Heavy Vehicles	1	3	1	5	2	4	0	6	0	8	0	8	1	0	2	3	22
% Heavy Vehicles	1.3	0.5	2.0	0.7	4.0	2.0	0	1.9	0	1.1	0	0.9	0.7	0	1.3	0.4	0.8



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INDUSTRIES, LLC

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N/S: Waltham Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 BB  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars

Start Time	Waltham Street From North			Marrett Street (Route 2A) From East			Waltham Street From South			Marrett Street (Route 2A) From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
04:00 PM	23	112	8	7	44	16	20	145	23	13	71	41	523
04:15 PM	12	118	11	18	41	13	23	171	17	15	65	49	553
04:30 PM	17	116	9	17	46	18	26	153	22	33	81	41	579
04:45 PM	26	119	10	10	49	18	23	161	24	33	95	45	613
Total	78	465	38	52	180	65	92	630	86	94	312	176	2268
05:00 PM	20	132	14	8	64	19	21	172	29	24	103	43	649
05:15 PM	19	140	12	12	47	15	24	168	23	39	99	40	638
05:30 PM	20	168	13	14	53	14	28	180	17	42	104	28	681
05:45 PM	19	180	11	14	31	19	15	186	29	35	93	44	676
Total	78	620	50	48	195	67	88	706	98	140	399	155	2644
Grand Total	156	1085	88	100	375	132	180	1336	184	234	711	331	4912
Apprch %	11.7	81.6	6.6	16.5	61.8	21.7	10.6	78.6	10.8	18.3	55.7	25.9	
Total %	3.2	22.1	1.8	2	7.6	2.7	3.7	27.2	3.7	4.8	14.5	6.7	

Start Time	Waltham Street From North				Marrett Street (Route 2A) From East				Waltham Street From South				Marrett Street (Route 2A) From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	<b>20</b>	132	<b>14</b>	166	8	<b>64</b>	<b>19</b>	<b>91</b>	21	172	<b>29</b>	222	24	103	43	170	649
05:15 PM	19	140	12	171	12	47	15	74	24	168	23	215	39	99	40	<b>178</b>	638
05:30 PM	20	168	13	201	<b>14</b>	53	14	81	<b>28</b>	180	17	225	<b>42</b>	<b>104</b>	28	174	<b>681</b>
05:45 PM	19	<b>180</b>	11	<b>210</b>	14	31	19	64	15	<b>186</b>	29	<b>230</b>	35	93	<b>44</b>	172	676
Total Volume	78	620	50	748	48	195	67	310	88	706	98	892	140	399	155	694	2644
% App. Total	10.4	82.9	6.7		15.5	62.9	21.6		9.9	79.1	11		20.2	57.5	22.3		
PHF	.975	.861	.893	.890	.857	.762	.882	.852	.786	.949	.845	.970	.833	.959	.881	.975	.971



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File Name : 91916 BB  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Waltham Street From North			Marrett Street (Route 2A) From East			Waltham Street From South			Marrett Street (Route 2A) From West			Int. Total
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	
04:00 PM	0	3	0	0	2	0	0	2	0	0	0	0	7
04:15 PM	1	2	0	0	3	0	0	6	0	1	2	1	16
04:30 PM	1	3	0	1	1	0	0	5	0	0	0	1	12
04:45 PM	0	2	0	0	1	2	0	2	1	0	2	1	11
<b>Total</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>15</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>46</b>
05:00 PM	0	1	0	0	4	0	0	2	0	0	0	0	7
05:15 PM	0	0	0	0	0	0	0	1	0	0	0	2	3
05:30 PM	1	0	0	0	0	0	0	2	0	0	0	0	3
05:45 PM	0	2	1	2	0	0	0	3	0	1	0	0	9
<b>Total</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>22</b>
<b>Grand Total</b>	<b>3</b>	<b>13</b>	<b>1</b>	<b>3</b>	<b>11</b>	<b>2</b>	<b>0</b>	<b>23</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>68</b>
Apprch %	17.6	76.5	5.9	18.8	68.8	12.5	0	95.8	4.2	18.2	36.4	45.5	
Total %	4.4	19.1	1.5	4.4	16.2	2.9	0	33.8	1.5	2.9	5.9	7.4	

Start Time	Waltham Street From North				Marrett Street (Route 2A) From East				Waltham Street From South				Marrett Street (Route 2A) From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	3	0	3	0	2	0	2	0	2	0	2	0	0	0	0	7
04:15 PM	1	2	0	3	0	3	0	3	0	6	0	6	1	2	1	4	16
04:30 PM	1	3	0	4	1	1	0	2	0	5	0	5	0	0	1	1	12
04:45 PM	0	2	0	2	0	1	2	3	0	2	1	3	0	2	1	3	11
<b>Total Volume</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>12</b>	<b>1</b>	<b>7</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>15</b>	<b>1</b>	<b>16</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>8</b>	<b>46</b>
<b>% App. Total</b>	<b>16.7</b>	<b>83.3</b>	<b>0</b>		<b>10</b>	<b>70</b>	<b>20</b>		<b>0</b>	<b>93.8</b>	<b>6.2</b>		<b>12.5</b>	<b>50</b>	<b>37.5</b>		
PHF	.500	.833	.000	.750	.250	.583	.250	.833	.000	.625	.250	.667	.250	.500	.750	.500	.719



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File Name : 91916 BB  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Peds and Bicycles

Start Time	Waltham Street From North				Marrett Street (Route 2A) From East				Waltham Street From South				Marrett Street (Route 2A) From West				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
04:00 PM	0	1	0	3	0	2	0	0	0	0	0	0	0	1	0	0	7
04:15 PM	1	0	0	0	0	1	0	1	0	0	0	0	0	3	0	1	7
04:30 PM	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	4
04:45 PM	0	1	0	0	0	0	0	0	0	2	0	1	0	3	0	1	8
Total	1	2	0	3	0	3	0	3	0	3	0	1	0	8	0	2	26
05:00 PM	0	0	0	0	0	1	0	0	0	2	0	1	0	0	0	1	5
05:15 PM	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	2	6
05:30 PM	0	3	0	1	0	1	0	0	0	0	0	0	0	1	0	2	8
05:45 PM	0	5	0	3	0	0	0	0	0	0	0	0	0	0	0	0	8
Total	0	8	0	4	0	3	0	0	0	3	0	2	0	2	0	5	27
Grand Total	1	10	0	7	0	6	0	3	0	6	0	3	0	10	0	7	53
Apprch %	5.6	55.6	0	38.9	0	66.7	0	33.3	0	66.7	0	33.3	0	58.8	0	41.2	
Total %	1.9	18.9	0	13.2	0	11.3	0	5.7	0	11.3	0	5.7	0	18.9	0	13.2	

Start Time	Waltham Street From North					Marrett Street (Route 2A) From East					Waltham Street From South					Marrett Street (Route 2A) From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	1	3	0	3	0	1	4	8
05:00 PM	0	0	0	0	0	0	1			1	0	2	0	1	3	0	0	0	1	1	5
05:15 PM	0	0	0	0	0	0	1	0	0	1	0	1	0	1	2	0	1	0	2		
<b>05:30 PM</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>8</b>
Total Volume	0	4	0	1	5	0	3	0	0	3	0	5	0	3	8	0	5	0	6	11	27
% App. Total	0	80	0	20		0	100	0	0		0	62.5	0	37.5		0	45.5	0	54.5		
PHF	.000	.333	.000	.250	.313	.000	.750	.000	.000	.750	.000	.625	.000	.750	.667	.000	.417	.000	.750	.688	.844



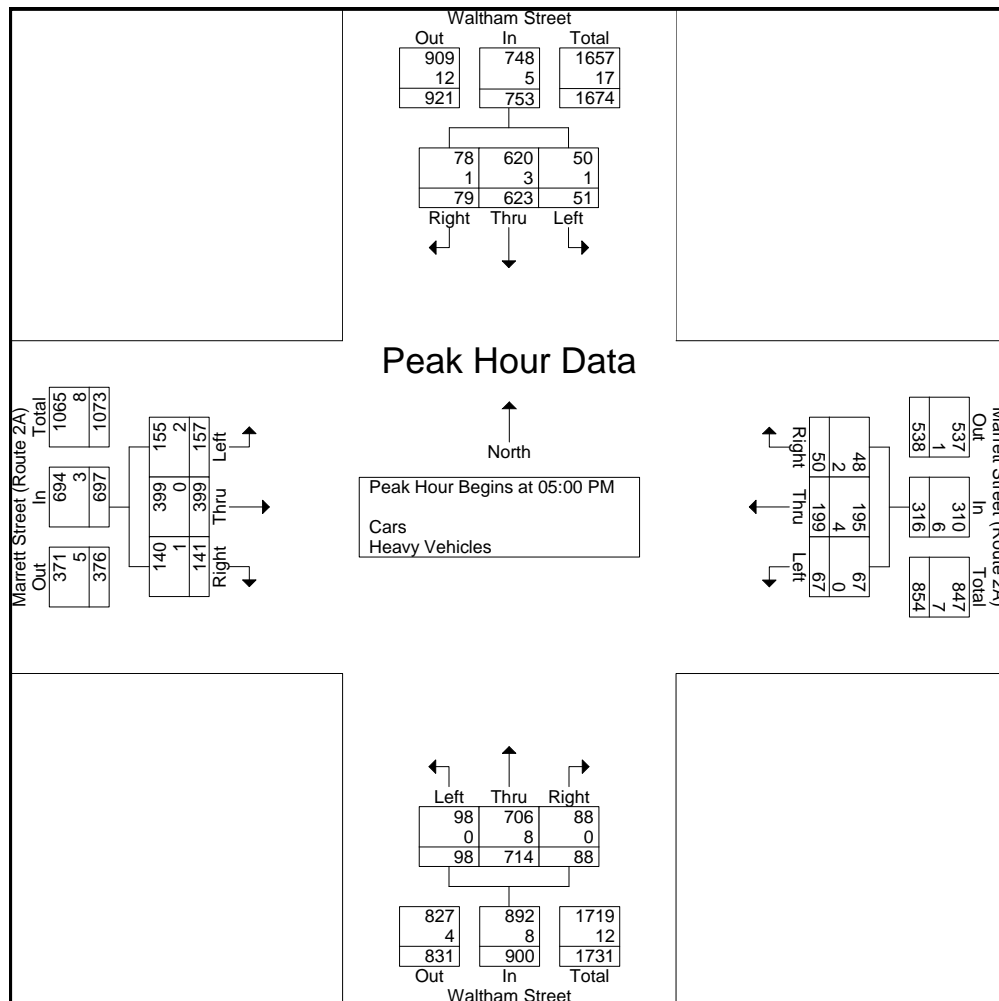
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N/S: Waltham Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 BB  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Start Time	Waltham Street From North				Marrett Street (Route 2A) From East				Waltham Street From South				Marrett Street (Route 2A) From West				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	20	133	14	167	8	68	19	95	21	174	29	224	24	103	43	170	656
05:15 PM	19	140	12	171	12	47	15	74	24	169	23	216	39	99	42	180	641
05:30 PM	21	168	13	202	14	53	14	81	28	182	17	227	42	104	28	174	684
05:45 PM	19	182	12	213	16	31	19	66	15	189	29	233	36	93	44	173	685
Total Volume	79	623	51	753	50	199	67	316	88	714	98	900	141	399	157	697	2666
% App. Total	10.5	82.7	6.8		15.8	63	21.2		9.8	79.3	10.9		20.2	57.2	22.5		
PHF	.940	.856	.911	.884	.781	.732	.882	.832	.786	.944	.845	.966	.839	.959	.892	.968	.973
Cars	78	620	50	748	48	195	67	310	88	706	98	892	140	399	155	694	2644
% Cars	98.7	99.5	98.0	99.3	96.0	98.0	100	98.1	100	98.9	100	99.1	99.3	100	98.7	99.6	99.2
Heavy Vehicles	1	3	1	5	2	4	0	6	0	8	0	8	1	0	2	3	22
% Heavy Vehicles	1.3	0.5	2.0	0.7	4.0	2.0	0	1.9	0	1.1	0	0.9	0.7	0	1.3	0.4	0.8





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S: Middle Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 C  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Marrett Road (Route 2A) From East		Middle Street From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
07:00 AM	63	4	5	0	0	86	158
07:15 AM	78	4	7	0	0	125	214
07:30 AM	85	7	14	0	0	125	231
07:45 AM	94	8	11	0	0	178	291
<b>Total</b>	<b>320</b>	<b>23</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>514</b>	<b>894</b>
08:00 AM	103	10	7	0	0	160	280
08:15 AM	134	2	3	0	0	162	301
08:30 AM	103	7	3	0	0	160	273
08:45 AM	80	13	6	0	0	160	259
<b>Total</b>	<b>420</b>	<b>32</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>642</b>	<b>1113</b>
<b>Grand Total</b>	<b>740</b>	<b>55</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>1156</b>	<b>2007</b>
Apprch %	93.1	6.9	100	0	0	100	
Total %	36.9	2.7	2.8	0	0	57.6	
Cars	718	51	48	0	0	1131	1948
% Cars	97	92.7	85.7	0	0	97.8	97.1
Heavy Vehicles	22	4	8	0	0	25	59
% Heavy Vehicles	3	7.3	14.3	0	0	2.2	2.9

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	94	8	102	11	0	11	0	178	178	291
08:00 AM	103	10	113	7	0	7	0	160	160	280
08:15 AM	134	2	136	3	0	3	0	162	162	301
<b>08:30 AM</b>	<b>103</b>	<b>7</b>	<b>110</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>160</b>	<b>160</b>	<b>273</b>
<b>Total Volume</b>	<b>434</b>	<b>27</b>	<b>461</b>	<b>24</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>660</b>	<b>660</b>	<b>1145</b>
<b>% App. Total</b>	<b>94.1</b>	<b>5.9</b>		<b>100</b>	<b>0</b>		<b>0</b>	<b>100</b>		
<b>PHF</b>	<b>.810</b>	<b>.675</b>	<b>.847</b>	<b>.545</b>	<b>.000</b>	<b>.545</b>	<b>.000</b>	<b>.927</b>	<b>.927</b>	<b>.951</b>
<b>Cars</b>	<b>424</b>	<b>26</b>	<b>450</b>	<b>21</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>647</b>	<b>647</b>	<b>1118</b>
<b>% Cars</b>	<b>97.7</b>	<b>96.3</b>	<b>97.6</b>	<b>87.5</b>	<b>0</b>	<b>87.5</b>	<b>0</b>	<b>98.0</b>	<b>98.0</b>	<b>97.6</b>
<b>Heavy Vehicles</b>	<b>10</b>	<b>1</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>27</b>
<b>% Heavy Vehicles</b>	<b>2.3</b>	<b>3.7</b>	<b>2.4</b>	<b>12.5</b>	<b>0</b>	<b>12.5</b>	<b>0</b>	<b>2.0</b>	<b>2.0</b>	<b>2.4</b>



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S: Middle Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 C  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars

Start Time	Marrett Road (Route 2A) From East		Middle Street From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
07:00 AM	62	4	5	0	0	85	156
07:15 AM	71	4	5	0	0	119	199
07:30 AM	84	4	11	0	0	123	222
07:45 AM	91	8	9	0	0	172	280
<b>Total</b>	<b>308</b>	<b>20</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>499</b>	<b>857</b>
08:00 AM	101	10	7	0	0	157	275
08:15 AM	131	1	3	0	0	160	295
08:30 AM	101	7	2	0	0	158	268
08:45 AM	77	13	6	0	0	157	253
<b>Total</b>	<b>410</b>	<b>31</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>632</b>	<b>1091</b>
<b>Grand Total</b>	<b>718</b>	<b>51</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>1131</b>	<b>1948</b>
Apprch %	93.4	6.6	100	0	0	100	
Total %	36.9	2.6	2.5	0	0	58.1	

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	91	8	99	9	0	9	0	172	172	280
08:00 AM	101	10	111	7	0	7	0	157	157	275
08:15 AM	131	1	132	3	0	3	0	160	160	295
<b>08:30 AM</b>	<b>101</b>	<b>7</b>	<b>108</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>158</b>	<b>158</b>	<b>268</b>
<b>Total Volume</b>	<b>424</b>	<b>26</b>	<b>450</b>	<b>21</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>647</b>	<b>647</b>	<b>1118</b>
<b>% App. Total</b>	<b>94.2</b>	<b>5.8</b>		<b>100</b>	<b>0</b>		<b>0</b>	<b>100</b>		
<b>PHF</b>	<b>.809</b>	<b>.650</b>	<b>.852</b>	<b>.583</b>	<b>.000</b>	<b>.583</b>	<b>.000</b>	<b>.940</b>	<b>.940</b>	<b>.947</b>



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E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 C  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Marrett Road (Route 2A) From East		Middle Street From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
07:00 AM	1	0	0	0	0	1	2
07:15 AM	7	0	2	0	0	6	15
07:30 AM	1	3	3	0	0	2	9
07:45 AM	3	0	2	0	0	6	11
Total	12	3	7	0	0	15	37
08:00 AM	2	0	0	0	0	3	5
08:15 AM	3	1	0	0	0	2	6
08:30 AM	2	0	1	0	0	2	5
08:45 AM	3	0	0	0	0	3	6
Total	10	1	1	0	0	10	22
Grand Total	22	4	8	0	0	25	59
Apprch %	84.6	15.4	100	0	0	100	
Total %	37.3	6.8	13.6	0	0	42.4	

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	7	0	7	2	0	2	0	6	6	15
<b>07:30 AM</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>9</b>
07:45 AM	3	0	3	2	0	2	0	6	6	11
08:00 AM	2	0	2	0	0	0	0	3	3	5
Total Volume	13	3	16	7	0	7	0	17	17	40
% App. Total	81.2	18.8		100	0		0	100		
PHF	.464	.250	.571	.583	.000	.583	.000	.708	.708	.667



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Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 C  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Peds and Bicycles

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	Peds	Right	Left	Peds	Right	Thru	Peds	
07:00 AM	0	0	0	0	0	1	0	0	1	2
07:15 AM	0	0	0	0	0	2	0	1	2	5
07:30 AM	1	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	1	0	2	0	1	2	6
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>14</b>
08:00 AM	0	0	0	0	0	6	0	1	6	13
08:15 AM	0	0	0	0	0	19	0	0	22	41
08:30 AM	0	0	0	0	0	6	0	1	6	13
08:45 AM	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31</b>	<b>0</b>	<b>2</b>	<b>34</b>	<b>67</b>
<b>Grand Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>4</b>	<b>39</b>	<b>81</b>
Apprch %	100	0	0	2.7	0	97.3	0	9.3	90.7	
Total %	1.2	0	0	1.2	0	44.4	0	4.9	48.1	

Start Time	Marrett Road (Route 2A) From East				Middle Street From South				Marrett Road (Route 2A) From West				Int. Total
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:45 AM													
07:45 AM	0	0	0	0	1	0	2	3	0	1	2	3	6
<b>08:00 AM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>7</b>	<b>13</b>
<b>08:15 AM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>22</b>	<b>41</b>
08:30 AM	0	0	0	0	0	0	6	6	0	1	6	7	13
Total Volume	0	0	0	0	1	0	33	34	0	3	36	39	73
% App. Total	0	0	0		2.9	0	97.1		0	7.7	92.3		
PHF	.000	.000	.000	.000	.250	.000	.434	.447	.000	.750	.409	.443	.445



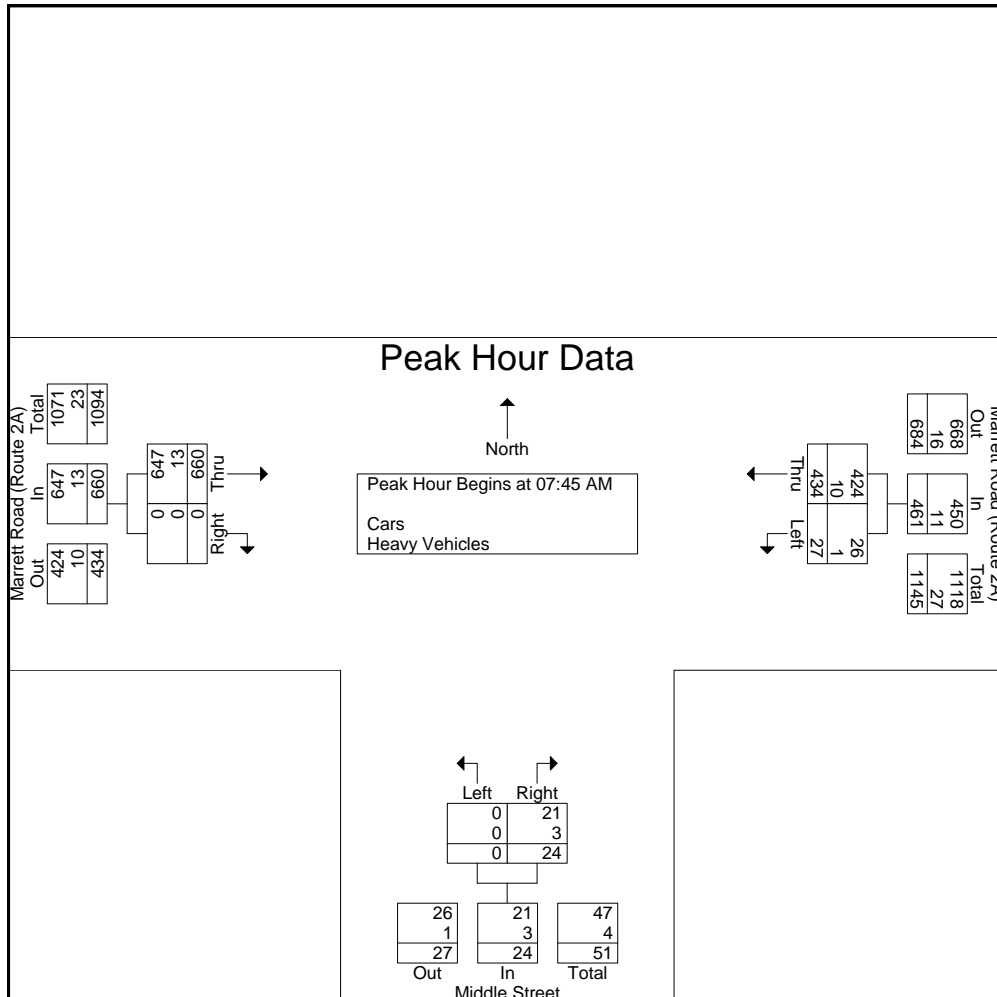
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File Name : 91916 C  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:45 AM										
07:45 AM	94	8	102	11	0	11	0	178	178	291
08:00 AM	103	10	113	7	0	7	0	160	160	280
08:15 AM	134	2	136	3	0	3	0	162	162	301
<b>08:30 AM</b>	<b>103</b>	<b>7</b>	<b>110</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>160</b>	<b>160</b>	<b>273</b>
<b>Total Volume</b>	<b>434</b>	<b>27</b>	<b>461</b>	<b>24</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>660</b>	<b>660</b>	<b>1145</b>
<b>% App. Total</b>	<b>94.1</b>	<b>5.9</b>		<b>100</b>	<b>0</b>		<b>0</b>	<b>100</b>		
<b>PHF</b>	<b>.810</b>	<b>.675</b>	<b>.847</b>	<b>.545</b>	<b>.000</b>	<b>.545</b>	<b>.000</b>	<b>.927</b>	<b>.927</b>	<b>.951</b>
<b>Cars</b>	<b>424</b>	<b>26</b>	<b>450</b>	<b>21</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>647</b>	<b>647</b>	<b>1118</b>
<b>% Cars</b>	<b>97.7</b>	<b>96.3</b>	<b>97.6</b>	<b>87.5</b>	<b>0</b>	<b>87.5</b>	<b>0</b>	<b>98.0</b>	<b>98.0</b>	<b>97.6</b>
<b>Heavy Vehicles</b>	<b>10</b>	<b>1</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>27</b>
<b>% Heavy Vehicles</b>	<b>2.3</b>	<b>3.7</b>	<b>2.4</b>	<b>12.5</b>	<b>0</b>	<b>12.5</b>	<b>0</b>	<b>2.0</b>	<b>2.0</b>	<b>2.4</b>





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INDUSTRIES, LLC

P.O. Box 301 Berlin, MA 01503  
Office: 508.481.3999 Fax: 508.545.1234  
Email: datarequests@pdillc.com

S: Middle Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 CC  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Marrett Road (Route 2A) From East		Middle Street From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
04:00 PM	123	6	15	0	0	95	239
04:15 PM	131	7	12	0	0	103	253
04:30 PM	131	6	7	0	0	105	249
04:45 PM	131	4	2	0	0	111	248
<b>Total</b>	<b>516</b>	<b>23</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>414</b>	<b>989</b>
05:00 PM	144	3	2	0	0	128	277
05:15 PM	98	2	3	0	1	156	260
05:30 PM	128	11	7	0	0	196	342
05:45 PM	102	2	2	0	0	237	343
<b>Total</b>	<b>472</b>	<b>18</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>717</b>	<b>1222</b>
<b>Grand Total</b>	<b>988</b>	<b>41</b>	<b>50</b>	<b>0</b>	<b>1</b>	<b>1131</b>	<b>2211</b>
Apprch %	96	4	100	0	0.1	99.9	
Total %	44.7	1.9	2.3	0	0	51.2	
Cars	964	41	48	0	1	1116	2170
% Cars	97.6	100	96	0	100	98.7	98.1
Heavy Vehicles	24	0	2	0	0	15	41
% Heavy Vehicles	2.4	0	4	0	0	1.3	1.9

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	144	3	147	2	0	2	0	128	128	277
05:15 PM	98	2	100	3	0	3	1	156	157	260
05:30 PM	128	11	139	7	0	7	0	196	196	342
05:45 PM	102	2	104	2	0	2	0	237	237	343
<b>Total Volume</b>	<b>472</b>	<b>18</b>	<b>490</b>	<b>14</b>	<b>0</b>	<b>14</b>	<b>1</b>	<b>717</b>	<b>718</b>	<b>1222</b>
<b>% App. Total</b>	<b>96.3</b>	<b>3.7</b>		<b>100</b>	<b>0</b>		<b>0.1</b>	<b>99.9</b>		
<b>PHF</b>	<b>.819</b>	<b>.409</b>	<b>.833</b>	<b>.500</b>	<b>.000</b>	<b>.500</b>	<b>.250</b>	<b>.756</b>	<b>.757</b>	<b>.891</b>
<b>Cars</b>	<b>464</b>	<b>18</b>	<b>482</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>1</b>	<b>710</b>	<b>711</b>	<b>1206</b>
<b>% Cars</b>	<b>98.3</b>	<b>100</b>	<b>98.4</b>	<b>92.9</b>	<b>0</b>	<b>92.9</b>	<b>100</b>	<b>99.0</b>	<b>99.0</b>	<b>98.7</b>
<b>Heavy Vehicles</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>7</b>	<b>16</b>
<b>% Heavy Vehicles</b>	<b>1.7</b>	<b>0</b>	<b>1.6</b>	<b>7.1</b>	<b>0</b>	<b>7.1</b>	<b>0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.3</b>



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S: Middle Street  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 CC  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars

Start Time	Marrett Road (Route 2A) From East		Middle Street From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
04:00 PM	118	6	14	0	0	93	231
04:15 PM	125	7	12	0	0	101	245
04:30 PM	129	6	7	0	0	105	247
04:45 PM	128	4	2	0	0	107	241
<b>Total</b>	<b>500</b>	<b>23</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>406</b>	<b>964</b>
05:00 PM	139	3	2	0	0	126	270
05:15 PM	96	2	3	0	1	154	256
05:30 PM	127	11	6	0	0	195	339
05:45 PM	102	2	2	0	0	235	341
<b>Total</b>	<b>464</b>	<b>18</b>	<b>13</b>	<b>0</b>	<b>1</b>	<b>710</b>	<b>1206</b>
<b>Grand Total</b>	<b>964</b>	<b>41</b>	<b>48</b>	<b>0</b>	<b>1</b>	<b>1116</b>	<b>2170</b>
Apprch %	95.9	4.1	100	0	0.1	99.9	
Total %	44.4	1.9	2.2	0	0	51.4	

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	<b>139</b>	3	<b>142</b>	2	0	2	0	126	126	270
05:15 PM	96	2	98	3	0	3	1	154	155	256
05:30 PM	127	11	138	6	0	6	0	195	195	339
05:45 PM	102	2	104	2	0	2	0	<b>235</b>	<b>235</b>	<b>341</b>
<b>Total Volume</b>	<b>464</b>	<b>18</b>	<b>482</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>1</b>	<b>710</b>	<b>711</b>	<b>1206</b>
<b>% App. Total</b>	<b>96.3</b>	<b>3.7</b>		<b>100</b>	<b>0</b>		<b>0.1</b>	<b>99.9</b>		
<b>PHF</b>	<b>.835</b>	<b>.409</b>	<b>.849</b>	<b>.542</b>	<b>.000</b>	<b>.542</b>	<b>.250</b>	<b>.755</b>	<b>.756</b>	<b>.884</b>



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Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 CC  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Marrett Road (Route 2A) From East		Middle Street From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
04:00 PM	5	0	1	0	0	2	8
04:15 PM	6	0	0	0	0	2	8
04:30 PM	2	0	0	0	0	0	2
04:45 PM	3	0	0	0	0	4	7
Total	16	0	1	0	0	8	25
05:00 PM	5	0	0	0	0	2	7
05:15 PM	2	0	0	0	0	2	4
05:30 PM	1	0	1	0	0	1	3
05:45 PM	0	0	0	0	0	2	2
Total	8	0	1	0	0	7	16
Grand Total	24	0	2	0	0	15	41
Apprch %	100	0	100	0	0	100	
Total %	58.5	0	4.9	0	0	36.6	

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	5	0	5	1	0	1	0	2	2	8
<b>04:15 PM</b>	<b>6</b>	0	<b>6</b>	0	0	0	0	2	2	<b>8</b>
04:30 PM	2	0	2	0	0	0	0	0	0	2
04:45 PM	3	0	3	0	0	0	0	<b>4</b>	<b>4</b>	7
Total Volume	16	0	16	1	0	1	0	8	8	25
% App. Total	100	0		100	0		0	100		
PHF	.667	.000	.667	.250	.000	.250	.000	.500	.500	.781



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Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 CC  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Peds and Bicycles

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	Peds	Right	Left	Peds	Right	Thru	Peds	
04:00 PM	0	0	0	0	0	5	0	1	4	10
04:15 PM	1	0	1	0	0	4	0	0	4	10
04:30 PM	1	0	0	0	0	2	0	0	3	6
04:45 PM	1	0	0	0	0	2	0	2	3	8
<b>Total</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>3</b>	<b>14</b>	<b>34</b>
05:00 PM	0	2	0	0	0	2	0	0	2	6
05:15 PM	2	3	0	0	0	3	0	0	5	13
05:30 PM	1	1	0	0	0	1	0	0	0	3
05:45 PM	1	0	0	1	0	0	0	2	0	4
<b>Total</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>26</b>
<b>Grand Total</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>5</b>	<b>21</b>	<b>60</b>
Apprch %	50	42.9	7.1	5	0	95	0	19.2	80.8	
Total %	11.7	10	1.7	1.7	0	31.7	0	8.3	35	

Start Time	Marrett Road (Route 2A) From East				Middle Street From South				Marrett Road (Route 2A) From West				Int. Total
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 04:00 PM													
04:00 PM	0	0	0	0	0	0	5	5	0	1	4	5	10
04:15 PM	1	0	1	2	0	0	4	4	0	0	4	4	10
04:30 PM	1	0	0	1	0	0	2	2	0	0	3	3	6
04:45 PM	1	0	0	1	0	0	2	2	0	2			
<b>Total Volume</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>0</b>	<b>3</b>	<b>14</b>	<b>17</b>	<b>34</b>
<b>% App. Total</b>	<b>75</b>	<b>0</b>	<b>25</b>		<b>0</b>	<b>0</b>	<b>100</b>		<b>0</b>	<b>17.6</b>	<b>82.4</b>		
<b>PHF</b>	<b>.750</b>	<b>.000</b>	<b>.250</b>	<b>.500</b>	<b>.000</b>	<b>.000</b>	<b>.650</b>	<b>.650</b>	<b>.000</b>	<b>.375</b>	<b>.875</b>	<b>.850</b>	<b>.850</b>



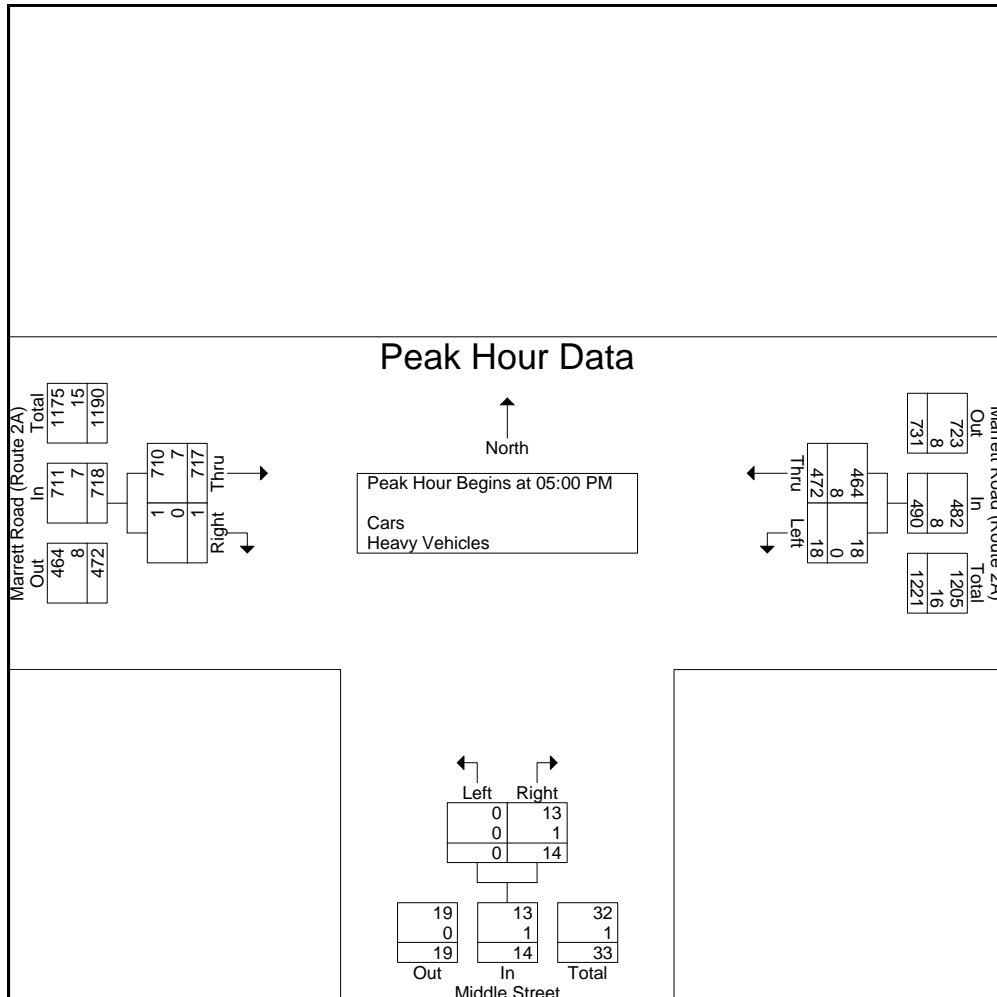
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File Name : 91916 CC  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Start Time	Marrett Road (Route 2A) From East			Middle Street From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	144	3	147	2	0	2	0	128	128	277
05:15 PM	98	2	100	3	0	3	1	156	157	260
05:30 PM	128	11	139	7	0	7	0	196	196	342
05:45 PM	102	2	104	2	0	2	0	237	237	343
<b>Total Volume</b>	<b>472</b>	<b>18</b>	<b>490</b>	<b>14</b>	<b>0</b>	<b>14</b>	<b>1</b>	<b>717</b>	<b>718</b>	<b>1222</b>
<b>% App. Total</b>	<b>96.3</b>	<b>3.7</b>		<b>100</b>	<b>0</b>		<b>0.1</b>	<b>99.9</b>		
<b>PHF</b>	<b>.819</b>	<b>.409</b>	<b>.833</b>	<b>.500</b>	<b>.000</b>	<b>.500</b>	<b>.250</b>	<b>.756</b>	<b>.757</b>	<b>.891</b>
<b>Cars</b>	<b>464</b>	<b>18</b>	<b>482</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>1</b>	<b>710</b>	<b>711</b>	<b>1206</b>
<b>% Cars</b>	<b>98.3</b>	<b>100</b>	<b>98.4</b>	<b>92.9</b>	<b>0</b>	<b>92.9</b>	<b>100</b>	<b>99.0</b>	<b>99.0</b>	<b>98.7</b>
<b>Heavy Vehicles</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>7</b>	<b>16</b>
<b>% Heavy Vehicles</b>	<b>1.7</b>	<b>0</b>	<b>1.6</b>	<b>7.1</b>	<b>0</b>	<b>7.1</b>	<b>0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.3</b>





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S: Cary Avenue  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 D  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Marrett Road (Route 2A) From East		Cary Avenue From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
07:00 AM	0	0	0	6	10	0	16
07:15 AM	0	0	0	5	4	0	9
07:30 AM	0	0	1	12	4	0	17
07:45 AM	0	0	0	6	4	0	10
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>29</b>	<b>22</b>	<b>0</b>	<b>52</b>
08:00 AM	0	0	0	4	8	0	12
08:15 AM	0	0	4	15	7	0	26
08:30 AM	0	0	0	9	8	0	17
08:45 AM	0	0	0	11	7	0	18
<b>Total</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>39</b>	<b>30</b>	<b>0</b>	<b>73</b>
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>68</b>	<b>52</b>	<b>0</b>	<b>125</b>
Apprch %	0	0	6.8	93.2	100	0	
Total %	0	0	4	54.4	41.6	0	
Cars	0	0	1	64	50	0	115
% Cars	0	0	20	94.1	96.2	0	92
Heavy Vehicles	0	0	4	4	2	0	10
% Heavy Vehicles	0	0	80	5.9	3.8	0	8

Start Time	Marrett Road (Route 2A) From East			Cary Avenue From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	0	0	0	0	4	4	8	0	8	12
08:15 AM	0	0	0	4	15	19	7	0	7	26
<b>08:30 AM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>17</b>
<b>08:45 AM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>11</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>18</b>
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>39</b>	<b>43</b>	<b>30</b>	<b>0</b>	<b>30</b>	<b>73</b>
<b>% App. Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9.3</b>	<b>90.7</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>115</b>
<b>PHF</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.250</b>	<b>.650</b>	<b>.566</b>	<b>.938</b>	<b>.000</b>	<b>.938</b>	<b>.702</b>
Cars	0	0	0	0	35	35	30	0	30	65
% Cars	0	0	0	0	89.7	81.4	100	0	100	89.0
Heavy Vehicles	0	0	0	4	4	8	0	0	0	8
% Heavy Vehicles	0	0	0	100	10.3	18.6	0	0	0	11.0



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File Name : 91916 D  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars

Start Time	Marrett Road (Route 2A) From East		Cary Avenue From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
07:00 AM	0	0	0	6	9	0	15
07:15 AM	0	0	0	5	4	0	9
07:30 AM	0	0	1	12	3	0	16
07:45 AM	0	0	0	6	4	0	10
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>29</b>	<b>20</b>	<b>0</b>	<b>50</b>
08:00 AM	0	0	0	4	8	0	12
08:15 AM	0	0	0	11	7	0	18
08:30 AM	0	0	0	9	8	0	17
08:45 AM	0	0	0	11	7	0	18
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>30</b>	<b>0</b>	<b>65</b>
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>64</b>	<b>50</b>	<b>0</b>	<b>115</b>
Apprch %	0	0	1.5	98.5	100	0	
Total %	0	0	0.9	55.7	43.5	0	

Start Time	Marrett Road (Route 2A) From East			Cary Avenue From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	0	0	0	0	4	4	8	0	8	12
08:15 AM	0	0	0	0	11	11	7	0	7	18
<b>08:30 AM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>17</b>
<b>08:45 AM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>11</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>18</b>
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>30</b>	<b>0</b>	<b>30</b>	<b>65</b>
<b>% App. Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>100</b>	
<b>PHF</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.795</b>	<b>.795</b>	<b>.938</b>	<b>.000</b>	<b>.938</b>	<b>.903</b>



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INDUSTRIES, LLC

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S: Cary Avenue  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 D  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Marrett Road (Route 2A) From East		Cary Avenue From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
07:00 AM	0	0	0	0	1	0	1
07:15 AM	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	1	0	1
07:45 AM	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>
08:00 AM	0	0	0	0	0	0	0
08:15 AM	0	0	4	4	0	0	8
08:30 AM	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>8</b>
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>10</b>
Apprch %	0	0	50	50	100	0	
Total %	0	0	40	40	20	0	

Start Time	Marrett Road (Route 2A) From East			Cary Avenue From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	0	0	0	0	0	1	0	1	1
07:45 AM	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	4	4	8	0	0	0	8
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>9</b>
<b>% App. Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>50</b>	<b>8</b>	<b>100</b>	<b>0</b>	<b>1</b>	<b>9</b>
<b>PHF</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.250</b>	<b>.250</b>	<b>.250</b>	<b>.250</b>	<b>.000</b>	<b>.250</b>	<b>.281</b>



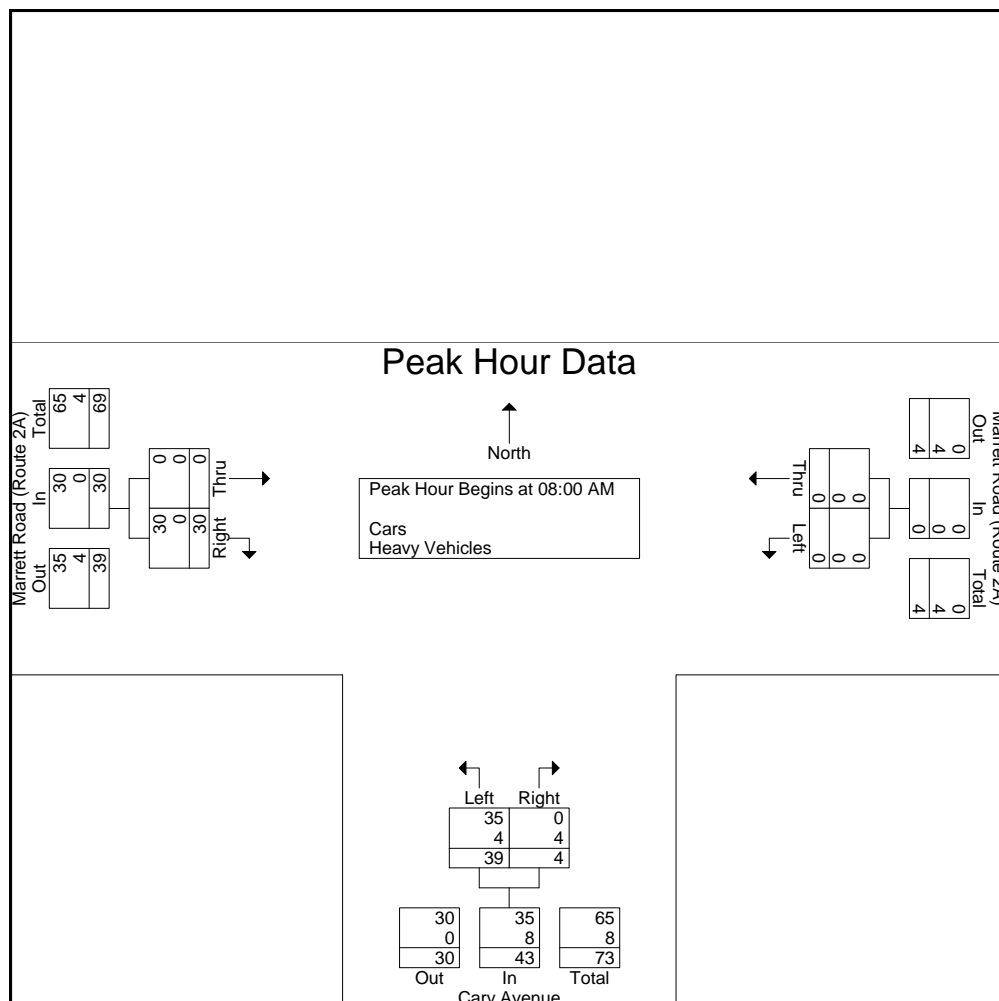
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S: Cary Avenue  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 D  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Start Time	Marrett Road (Route 2A) From East			Cary Avenue From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	0	0	0	0	4	4	8	0	8	12
08:15 AM	0	0	0	4	15	19	7	0	7	26
08:30 AM	0	0	0	0	9	9	8	0	8	17
08:45 AM	0	0	0	0	11	11	7	0	7	18
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>39</b>	<b>43</b>	<b>30</b>	<b>0</b>	<b>30</b>	<b>73</b>
<b>% App. Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9.3</b>	<b>90.7</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PHF</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.250</b>	<b>.650</b>	<b>.566</b>	<b>.938</b>	<b>.000</b>	<b>.938</b>	<b>.702</b>
<b>Cars</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>30</b>	<b>0</b>	<b>30</b>	<b>65</b>
<b>% Cars</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89.7</b>	<b>81.4</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>89.0</b>
<b>Heavy Vehicles</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>
<b>% Heavy Vehicles</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>10.3</b>	<b>18.6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11.0</b>





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S: Cary Avenue  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 DD  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Marrett Road (Route 2A) From East		Cary Avenue From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
04:00 PM	0	0	1	6	5	0	12
04:15 PM	0	0	0	7	6	0	13
04:30 PM	0	0	0	7	7	0	14
04:45 PM	0	0	0	8	9	0	17
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>28</b>	<b>27</b>	<b>0</b>	<b>56</b>
05:00 PM	0	0	0	9	9	0	18
05:15 PM	0	0	1	6	13	0	20
05:30 PM	0	0	1	6	11	0	18
05:45 PM	0	0	0	20	15	0	35
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>41</b>	<b>48</b>	<b>0</b>	<b>91</b>
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>69</b>	<b>75</b>	<b>0</b>	<b>147</b>
Apprch %	0	0	4.2	95.8	100	0	
Total %	0	0	2	46.9	51	0	
Cars	0	0	3	68	74	0	145
% Cars	0	0	100	98.6	98.7	0	98.6
Heavy Vehicles	0	0	0	1	1	0	2
% Heavy Vehicles	0	0	0	1.4	1.3	0	1.4

Start Time	Marrett Road (Route 2A) From East			Cary Avenue From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	0	0	0	0	9	9	9	0	9	18
05:15 PM	0	0	0	1	6	7	13	0	13	20
05:30 PM	0	0	0	1	6	7	11	0	11	18
05:45 PM	0	0	0	0	20	20	15	0	15	35
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>41</b>	<b>43</b>	<b>48</b>	<b>0</b>	<b>48</b>	<b>91</b>
<b>% App. Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.7</b>	<b>95.3</b>	<b>97.9</b>	<b>100</b>	<b>0</b>	<b>97.9</b>	<b>97.8</b>
<b>PHF</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.500</b>	<b>.513</b>	<b>.538</b>	<b>.800</b>	<b>.000</b>	<b>.800</b>	<b>.650</b>
Cars	0	0	0	2	40	42	47	0	47	89
% Cars	0	0	0	100	97.6	97.7	97.9	0	97.9	97.8
Heavy Vehicles	0	0	0	0	1	1	1	0	1	2
% Heavy Vehicles	0	0	0	0	2.4	2.3	2.1	0	2.1	2.2



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S: Cary Avenue  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 DD  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Cars

Start Time	Marrett Road (Route 2A) From East		Cary Avenue From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
04:00 PM	0	0	1	6	5	0	12
04:15 PM	0	0	0	7	6	0	13
04:30 PM	0	0	0	7	7	0	14
04:45 PM	0	0	0	8	9	0	17
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>28</b>	<b>27</b>	<b>0</b>	<b>56</b>
05:00 PM	0	0	0	9	9	0	18
05:15 PM	0	0	1	5	13	0	19
05:30 PM	0	0	1	6	11	0	18
05:45 PM	0	0	0	20	14	0	34
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>40</b>	<b>47</b>	<b>0</b>	<b>89</b>
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>68</b>	<b>74</b>	<b>0</b>	<b>145</b>
Apprch %	0	0	4.2	95.8	100	0	
Total %	0	0	2.1	46.9	51	0	

Start Time	Marrett Road (Route 2A) From East			Cary Avenue From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	0	0	0	0	9	9	9	0	9	18
05:15 PM	0	0	0	1	5	6	13	0	13	19
05:30 PM	0	0	0	1	6	7	11	0	11	18
05:45 PM	0	0	0	0	20	20	14	0	14	34
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>40</b>	<b>42</b>	<b>47</b>	<b>0</b>	<b>47</b>	<b>89</b>
<b>% App. Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.8</b>	<b>95.2</b>	<b>42</b>	<b>100</b>	<b>0</b>	<b>47</b>	<b>89</b>
<b>PHF</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.500</b>	<b>.500</b>	<b>.525</b>	<b>.839</b>	<b>.000</b>	<b>.839</b>	<b>.654</b>



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S: Cary Avenue  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 DD  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Marrett Road (Route 2A) From East		Cary Avenue From South		Marrett Road (Route 2A) From West		Int. Total
	Thru	Left	Right	Left	Right	Thru	
04:00 PM	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0
05:15 PM	0	0	0	1	0	0	1
05:30 PM	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	1	0	1
Total	0	0	0	1	1	0	2
Grand Total	0	0	0	1	1	0	2
Apprch %	0	0	0	100	100	0	
Total %	0	0	0	50	50	0	

Start Time	Marrett Road (Route 2A) From East			Cary Avenue From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	1	1	0	0	0	1
<b>05:30 PM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>05:45 PM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>
Total Volume	0	0	0	0	1	1	1	0	1	2
% App. Total	0	0		0	100		100	0		
PHF	.000	.000	.000	.000	.250	.250	.250	.000	.250	.500



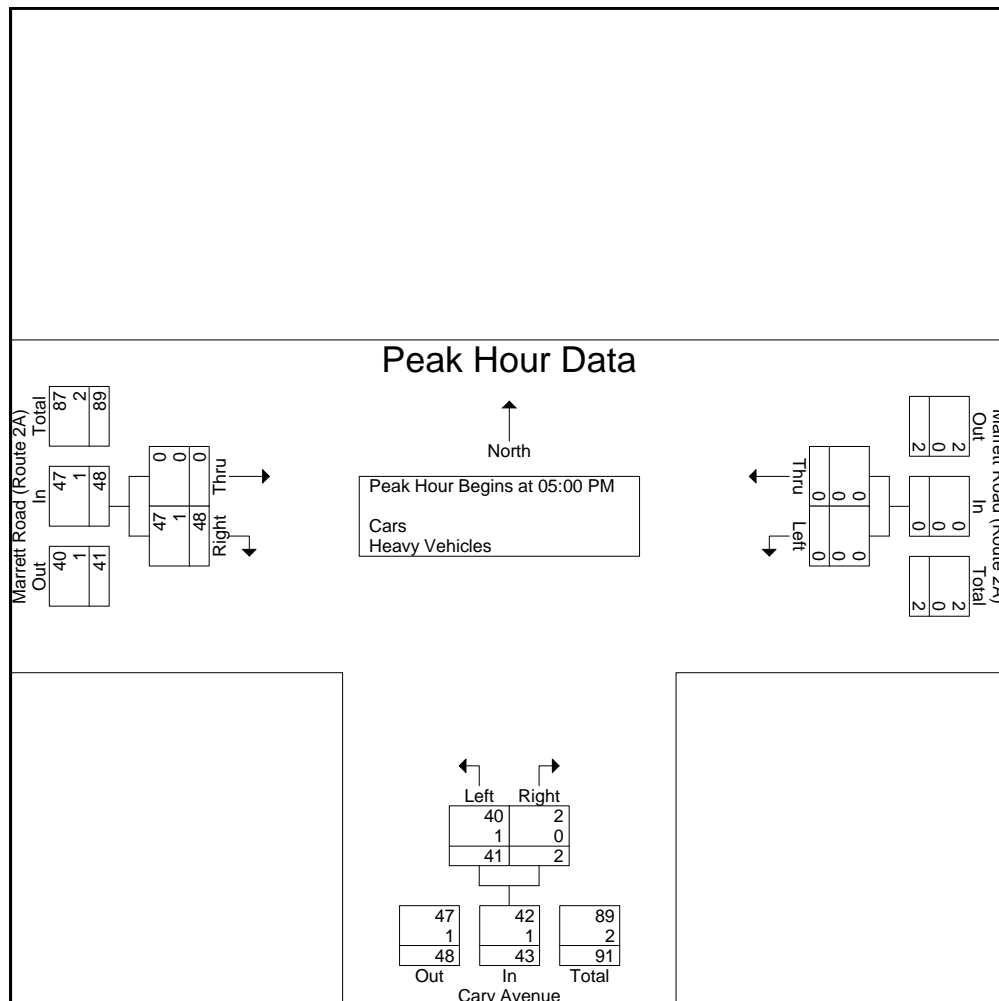
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S: Cary Avenue  
E/W: Marrett Road (Route 2A)  
City, State: Lexington, MA  
Client: Tetra Tech Rizzo/ N. Bracket

File Name : 91916 DD  
Site Code : 1273679  
Start Date : 6/16/2009  
Page No : 1

Start Time	Marrett Road (Route 2A) From East			Cary Avenue From South			Marrett Road (Route 2A) From West			Int. Total
	Thru	Left	App. Total	Right	Left	App. Total	Right	Thru	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	0	0	0	0	9	9	9	0	9	18
05:15 PM	0	0	0	1	6	7	13	0	13	20
05:30 PM	0	0	0	1	6	7	11	0	11	18
05:45 PM	0	0	0	0	20	20	15	0	15	35
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>41</b>	<b>43</b>	<b>48</b>	<b>0</b>	<b>48</b>	<b>91</b>
<b>% App. Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.7</b>	<b>95.3</b>	<b>43</b>	<b>100</b>	<b>0</b>	<b>48</b>	<b>91</b>
<b>PHF</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.500</b>	<b>.513</b>	<b>.538</b>	<b>.800</b>	<b>.000</b>	<b>.800</b>	<b>.650</b>
<b>Cars</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>40</b>	<b>42</b>	<b>47</b>	<b>0</b>	<b>47</b>	<b>89</b>
<b>% Cars</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>97.6</b>	<b>97.7</b>	<b>97.9</b>	<b>0</b>	<b>97.9</b>	<b>97.8</b>
<b>Heavy Vehicles</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>% Heavy Vehicles</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2.4</b>	<b>2.3</b>	<b>2.1</b>	<b>0</b>	<b>2.1</b>	<b>2.2</b>





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N: Route 2 EB Ramps  
E/W: Concord Avenue  
City/State: Lexington, MA  
Client: Tetra Tech Rizzo/ E. Fellinger

File Name : 91812C  
Site Code : 36790900  
Start Date : 2/4/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Route 2 EB Ramps From North		Concord Avenue From East			Concord Avenue From West		Int. Total
	Right	Left	Right	Thru	Thru	Left		
07:00 AM	47	0	0	10	17	32	106	
07:15 AM	77	4	3	17	18	45	164	
07:30 AM	70	2	2	16	25	42	157	
07:45 AM	77	4	2	17	51	52	203	
<b>Total</b>	<b>271</b>	<b>10</b>	<b>7</b>	<b>60</b>	<b>111</b>	<b>171</b>	<b>630</b>	
08:00 AM	94	6	3	33	61	50	247	
08:15 AM	94	1	2	30	45	50	222	
08:30 AM	106	3	0	25	56	49	239	
08:45 AM	130	4	0	29	52	34	249	
<b>Total</b>	<b>424</b>	<b>14</b>	<b>5</b>	<b>117</b>	<b>214</b>	<b>183</b>	<b>957</b>	
<b>Grand Total</b>	<b>695</b>	<b>24</b>	<b>12</b>	<b>177</b>	<b>325</b>	<b>354</b>	<b>1587</b>	
Apprch %	96.7	3.3	6.3	93.7	47.9	52.1		
Total %	43.8	1.5	0.8	11.2	20.5	22.3		
Cars	680	24	12	176	317	351	1560	
% Cars	97.8	100	100	99.4	97.5	99.2	98.3	
Heavy Vehicles	15	0	0	1	8	3	27	
% Heavy Vehicles	2.2	0	0	0.6	2.5	0.8	1.7	

Start Time	Route 2 EB Ramps From North			Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	App. Total	Right	Thru	App. Total	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	94	6	100	3	33	36	61	50	111	247
08:15 AM	94	1	95	2	30	32	45	50	95	222
08:30 AM	106	3	109	0	25	25	56	49	105	239
08:45 AM	130	4	134	0	29	29	52	34	86	249
<b>Total Volume</b>	<b>424</b>	<b>14</b>	<b>438</b>	<b>5</b>	<b>117</b>	<b>122</b>	<b>214</b>	<b>183</b>	<b>397</b>	<b>957</b>
<b>% App. Total</b>	<b>96.8</b>	<b>3.2</b>		<b>4.1</b>	<b>95.9</b>		<b>53.9</b>	<b>46.1</b>		
<b>PHF</b>	<b>.815</b>	<b>.583</b>	<b>.817</b>	<b>.417</b>	<b>.886</b>	<b>.847</b>	<b>.877</b>	<b>.915</b>	<b>.894</b>	<b>.961</b>
<b>Cars</b>	<b>416</b>	<b>14</b>	<b>430</b>	<b>5</b>	<b>117</b>	<b>122</b>	<b>210</b>	<b>181</b>	<b>391</b>	<b>943</b>
<b>% Cars</b>	<b>98.1</b>	<b>100</b>	<b>98.2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>98.1</b>	<b>98.9</b>	<b>98.5</b>	<b>98.5</b>
<b>Heavy Vehicles</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>14</b>
<b>% Heavy Vehicles</b>	<b>1.9</b>	<b>0</b>	<b>1.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.9</b>	<b>1.1</b>	<b>1.5</b>	<b>1.5</b>



PRECISION  
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INDUSTRIES, LLC

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Email: datarequests@pdillc.com

N: Route 2 EB Ramps  
E/W: Concord Avenue  
City/State: Lexington, MA  
Client: Tetra Tech Rizzo/ E. Fellingner

File Name : 91812C  
Site Code : 36790900  
Start Date : 2/4/2009  
Page No : 1

Groups Printed- Cars

Start Time	Route 2 EB Ramps From North		Concord Avenue From East		Concord Avenue From West		Int. Total
	Right	Left	Right	Thru	Thru	Left	
07:00 AM	44	0	0	10	16	31	101
07:15 AM	76	4	3	16	18	45	162
07:30 AM	69	2	2	16	24	42	155
07:45 AM	75	4	2	17	49	52	199
<b>Total</b>	<b>264</b>	<b>10</b>	<b>7</b>	<b>59</b>	<b>107</b>	<b>170</b>	<b>617</b>
08:00 AM	91	6	3	33	60	50	243
08:15 AM	91	1	2	30	44	48	216
08:30 AM	105	3	0	25	56	49	238
08:45 AM	129	4	0	29	50	34	246
<b>Total</b>	<b>416</b>	<b>14</b>	<b>5</b>	<b>117</b>	<b>210</b>	<b>181</b>	<b>943</b>
<b>Grand Total</b>	<b>680</b>	<b>24</b>	<b>12</b>	<b>176</b>	<b>317</b>	<b>351</b>	<b>1560</b>
Apprch %	96.6	3.4	6.4	93.6	47.5	52.5	
Total %	43.6	1.5	0.8	11.3	20.3	22.5	

Start Time	Route 2 EB Ramps From North			Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	App. Total	Right	Thru	App. Total	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	91	6	97	3	33	36	60	50	110	243
08:15 AM	91	1	92	2	30	32	44	48	92	216
08:30 AM	105	3	108	0	25	25	56	49	105	238
08:45 AM	129	4	133	0	29	29	50	34	84	246
<b>Total Volume</b>	<b>416</b>	<b>14</b>	<b>430</b>	<b>5</b>	<b>117</b>	<b>122</b>	<b>210</b>	<b>181</b>	<b>391</b>	<b>943</b>
<b>% App. Total</b>	<b>96.7</b>	<b>3.3</b>		<b>4.1</b>	<b>95.9</b>		<b>53.7</b>	<b>46.3</b>		
<b>PHF</b>	<b>.806</b>	<b>.583</b>	<b>.808</b>	<b>.417</b>	<b>.886</b>	<b>.847</b>	<b>.875</b>	<b>.905</b>	<b>.889</b>	<b>.958</b>



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N: Route 2 EB Ramps  
E/W: Concord Avenue  
City/State: Lexington, MA  
Client: Tetra Tech Rizzo/ E. Fellingner

File Name : 91812C  
Site Code : 36790900  
Start Date : 2/4/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Route 2 EB Ramps From North		Concord Avenue From East		Concord Avenue From West		Int. Total
	Right	Left	Right	Thru	Thru	Left	
07:00 AM	3	0	0	0	1	1	5
07:15 AM	1	0	0	1	0	0	2
07:30 AM	1	0	0	0	1	0	2
07:45 AM	2	0	0	0	2	0	4
<b>Total</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>13</b>
08:00 AM	3	0	0	0	1	0	4
08:15 AM	3	0	0	0	1	2	6
08:30 AM	1	0	0	0	0	0	1
08:45 AM	1	0	0	0	2	0	3
<b>Total</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>14</b>
<b>Grand Total</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>3</b>	<b>27</b>
Apprch %	100	0	0	100	72.7	27.3	
Total %	55.6	0	0	3.7	29.6	11.1	

Start Time	Route 2 EB Ramps From North			Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	App. Total	Right	Thru	App. Total	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	1	0	1	0	0	0	1	0	1	2
07:45 AM	2	0	2	0	0	0	2	0	2	4
08:00 AM	3	0	3	0	0	0	1	0	1	4
08:15 AM	3	0	3	0	0	0	1	2	3	6
<b>Total Volume</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>7</b>	<b>16</b>
<b>% App. Total</b>	<b>100</b>	<b>0</b>		<b>0</b>	<b>0</b>		<b>71.4</b>	<b>28.6</b>		
<b>PHF</b>	<b>.750</b>	<b>.000</b>	<b>.750</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.625</b>	<b>.250</b>	<b>.583</b>	<b>.667</b>





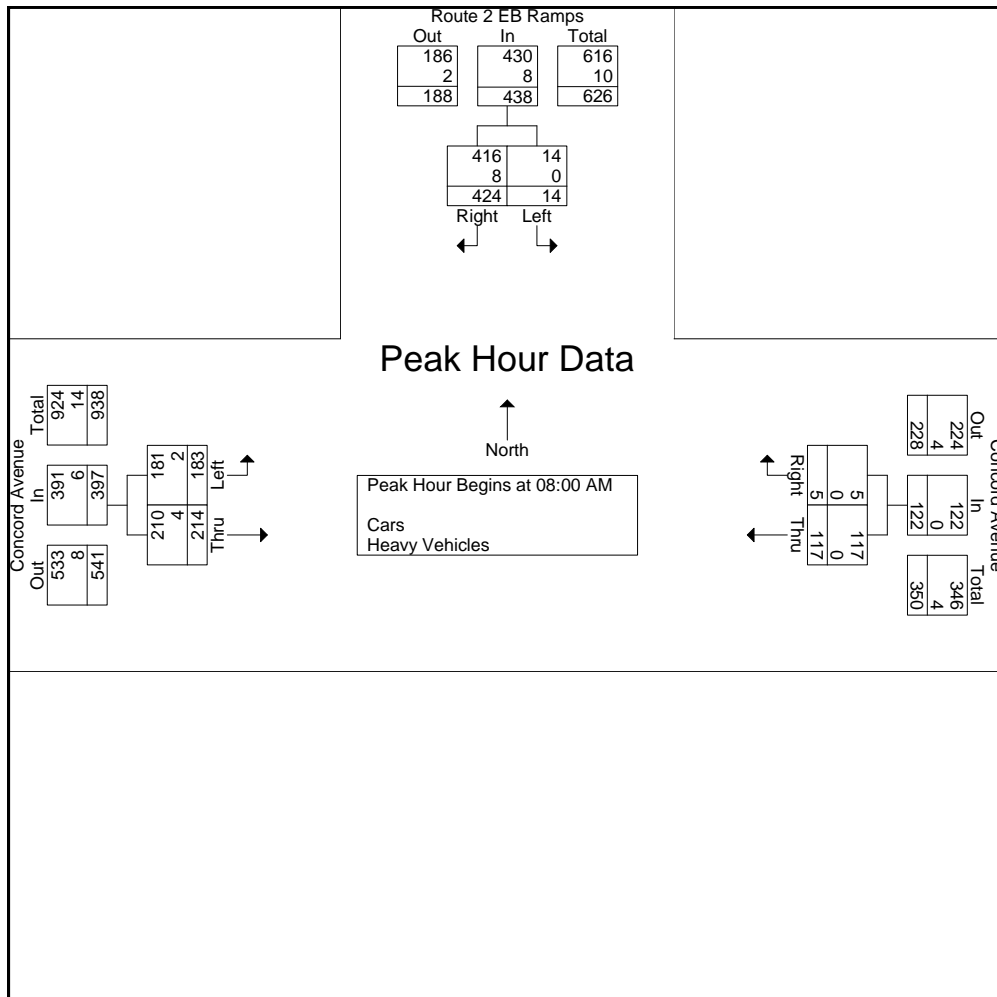
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INDUSTRIES, LLC

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Client: Tetra Tech Rizzo/ E. Fellingner

File Name : 91812C  
Site Code : 36790900  
Start Date : 2/4/2009  
Page No : 1

Start Time	Route 2 EB Ramps From North			Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	App. Total	Right	Thru	App. Total	Thru	Left	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	94	6	100	3	33	36	61	50	111	247
08:15 AM	94	1	95	2	30	32	45	50	95	222
08:30 AM	106	3	109	0	25	25	56	49	105	239
08:45 AM	130	4	134	0	29	29	52	34	86	249
<b>Total Volume</b>	<b>424</b>	<b>14</b>	<b>438</b>	<b>5</b>	<b>117</b>	<b>122</b>	<b>214</b>	<b>183</b>	<b>397</b>	<b>957</b>
<b>% App. Total</b>	<b>96.8</b>	<b>3.2</b>		<b>4.1</b>	<b>95.9</b>		<b>53.9</b>	<b>46.1</b>		
<b>PHF</b>	<b>.815</b>	<b>.583</b>	<b>.817</b>	<b>.417</b>	<b>.886</b>	<b>.847</b>	<b>.877</b>	<b>.915</b>	<b>.894</b>	<b>.961</b>
<b>Cars</b>	<b>416</b>	<b>14</b>	<b>430</b>	<b>5</b>	<b>117</b>	<b>122</b>	<b>210</b>	<b>181</b>	<b>391</b>	<b>943</b>
<b>% Cars</b>	<b>98.1</b>	<b>100</b>	<b>98.2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>98.1</b>	<b>98.9</b>	<b>98.5</b>	<b>98.5</b>
<b>Heavy Vehicles</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>14</b>
<b>% Heavy Vehicles</b>	<b>1.9</b>	<b>0</b>	<b>1.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.9</b>	<b>1.1</b>	<b>1.5</b>	<b>1.5</b>





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N: Route 2 EB Ramps  
E/W: Concord Avenue  
City/State: Lexington, MA  
Client: Tetra Tech Rizzo/ E. Fellinger

File Name : 91812CC  
Site Code : 36790900  
Start Date : 2/4/2009  
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Route 2 EB Ramps From North		Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	Right	Thru	Thru	Left			
04:00 PM	16	3	0	13	18	43	93		
04:15 PM	34	0	1	15	14	44	108		
04:30 PM	18	3	0	20	25	47	113		
04:45 PM	38	5	1	22	20	48	134		
<b>Total</b>	<b>106</b>	<b>11</b>	<b>2</b>	<b>70</b>	<b>77</b>	<b>182</b>	<b>448</b>		
05:00 PM	29	1	0	20	23	61	134		
05:15 PM	32	2	0	20	28	79	161		
05:30 PM	36	4	2	20	33	74	169		
05:45 PM	32	6	0	22	31	72	163		
<b>Total</b>	<b>129</b>	<b>13</b>	<b>2</b>	<b>82</b>	<b>115</b>	<b>286</b>	<b>627</b>		
<b>Grand Total</b>	<b>235</b>	<b>24</b>	<b>4</b>	<b>152</b>	<b>192</b>	<b>468</b>	<b>1075</b>		
Apprch %	90.7	9.3	2.6	97.4	29.1	70.9			
Total %	21.9	2.2	0.4	14.1	17.9	43.5			
Cars	235	24	4	150	190	463	1066		
% Cars	100	100	100	98.7	99	98.9	99.2		
Heavy Vehicles	0	0	0	2	2	5	9		
% Heavy Vehicles	0	0	0	1.3	1	1.1	0.8		

Start Time	Route 2 EB Ramps From North			Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	App. Total	Right	Thru	App. Total	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	29	1	30	0	20	20	23	61	84	134
05:15 PM	32	2	34	0	20	20	28	<b>79</b>	<b>107</b>	161
05:30 PM	<b>36</b>	4	<b>40</b>	<b>2</b>	20	<b>22</b>	<b>33</b>	74	107	<b>169</b>
<b>05:45 PM</b>	<b>32</b>	<b>6</b>	<b>38</b>	0	<b>22</b>	22	31	72	103	163
Total Volume	129	13	142	2	82	84	115	286	401	627
% App. Total	90.8	9.2		2.4	97.6		28.7	71.3		
PHF	.896	.542	.888	.250	.932	.955	.871	.905	.937	.928
Cars	129	13	142	2	81	83	113	285	398	623
% Cars	100	100	100	100	98.8	98.8	98.3	99.7	99.3	99.4
Heavy Vehicles	0	0	0	0	1	1	2	1	3	4
% Heavy Vehicles	0	0	0	0	1.2	1.2	1.7	0.3	0.7	0.6



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N: Route 2 EB Ramps  
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City/State: Lexington, MA  
Client: Tetra Tech Rizzo/ E. Fellinger

File Name : 91812CC  
Site Code : 36790900  
Start Date : 2/4/2009  
Page No : 1

Groups Printed- Cars

Start Time	Route 2 EB Ramps From North		Concord Avenue From East		Concord Avenue From West		Int. Total
	Right	Left	Right	Thru	Thru	Left	
04:00 PM	16	3	0	12	18	40	89
04:15 PM	34	0	1	15	14	44	108
04:30 PM	18	3	0	20	25	46	112
04:45 PM	38	5	1	22	20	48	134
<b>Total</b>	<b>106</b>	<b>11</b>	<b>2</b>	<b>69</b>	<b>77</b>	<b>178</b>	<b>443</b>
05:00 PM	29	1	0	20	23	61	134
05:15 PM	32	2	0	19	27	79	159
05:30 PM	36	4	2	20	33	74	169
05:45 PM	32	6	0	22	30	71	161
<b>Total</b>	<b>129</b>	<b>13</b>	<b>2</b>	<b>81</b>	<b>113</b>	<b>285</b>	<b>623</b>
<b>Grand Total</b>	<b>235</b>	<b>24</b>	<b>4</b>	<b>150</b>	<b>190</b>	<b>463</b>	<b>1066</b>
Apprch %	90.7	9.3	2.6	97.4	29.1	70.9	
Total %	22	2.3	0.4	14.1	17.8	43.4	

Start Time	Route 2 EB Ramps From North			Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	App. Total	Right	Thru	App. Total	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	29	1	30	0	20	20	23	61	84	134
05:15 PM	32	2	34	0	19	19	27	<b>79</b>	106	159
05:30 PM	<b>36</b>	4	<b>40</b>	<b>2</b>	20	<b>22</b>	<b>33</b>	74	<b>107</b>	<b>169</b>
<b>05:45 PM</b>	<b>32</b>	<b>6</b>	<b>38</b>	0	<b>22</b>	22	30	71	101	161
Total Volume	129	13	142	2	81	83	113	285	398	623
% App. Total	90.8	9.2		2.4	97.6		28.4	71.6		
PHF	.896	.542	.888	.250	.920	.943	.856	.902	.930	.922



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Client: Tetra Tech Rizzo/ E. Fellingner

File Name : 91812CC  
Site Code : 36790900  
Start Date : 2/4/2009  
Page No : 1

Groups Printed- Heavy Vehicles

Start Time	Route 2 EB Ramps From North		Concord Avenue From East		Concord Avenue From West		Int. Total
	Right	Left	Right	Thru	Thru	Left	
04:00 PM	0	0	0	1	0	3	4
04:15 PM	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	1	1
04:45 PM	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>5</b>
05:00 PM	0	0	0	0	0	0	0
05:15 PM	0	0	0	1	1	0	2
05:30 PM	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	1	1	2
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>9</b>
Apprch %	0	0	0	100	28.6	71.4	
Total %	0	0	0	22.2	22.2	55.6	

Start Time	Route 2 EB Ramps From North			Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	App. Total	Right	Thru	App. Total	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	0	0	0	0	1	1	0	3	3	4
<b>04:15 PM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>04:30 PM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>04:45 PM</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>5</b>
<b>% App. Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>
<b>PHF</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.250</b>	<b>.250</b>	<b>.000</b>	<b>.333</b>	<b>.333</b>	<b>.313</b>





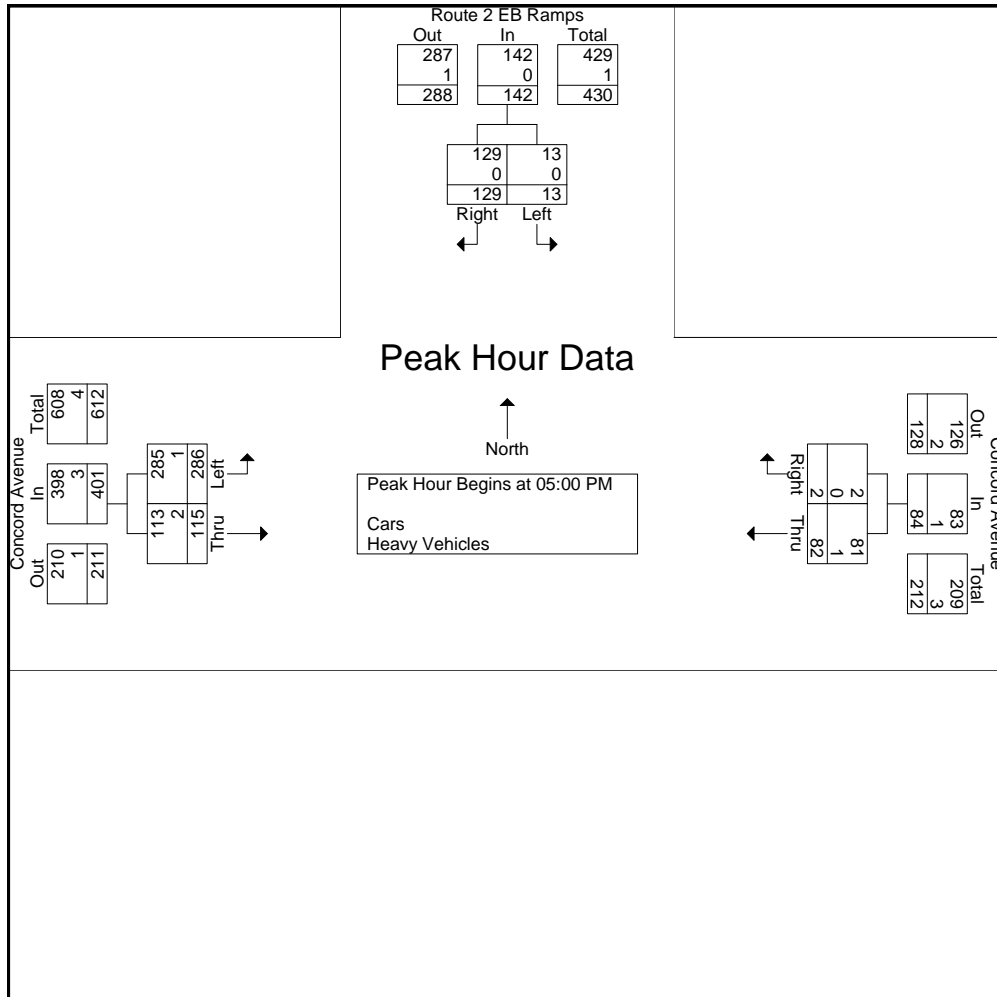
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Start Time	Route 2 EB Ramps From North			Concord Avenue From East			Concord Avenue From West			Int. Total
	Right	Left	App. Total	Right	Thru	App. Total	Thru	Left	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	29	1	30	0	20	20	23	61	84	134
05:15 PM	32	2	34	0	20	20	28	79	107	161
05:30 PM	36	4	40	2	20	22	33	74	107	169
<b>05:45 PM</b>	<b>32</b>	<b>6</b>	<b>38</b>	<b>0</b>	<b>22</b>	<b>22</b>	<b>31</b>	<b>72</b>	<b>103</b>	<b>163</b>
Total Volume	129	13	142	2	82	84	115	286	401	627
% App. Total	90.8	9.2		2.4	97.6		28.7	71.3		
PHF	.896	.542	.888	.250	.932	.955	.871	.905	.937	.928
Cars	129	13	142	2	81	83	113	285	398	623
% Cars	100	100	100	100	98.8	98.8	98.3	99.7	99.3	99.4
Heavy Vehicles	0	0	0	0	1	1	2	1	3	4
% Heavy Vehicles	0	0	0	0	1.2	1.2	1.7	0.3	0.7	0.6



**Appendix B**

**Mass Highway Accident Data & Crash Rate Calculations**



# MassHighway Crash Report for Lexington in year 2007

Crash Number	Crash Date	Crash Time	Crash Severity	Number of Vehicles	Total Nonfatal Injuries	Total Fatal Injuries	Manner of Collision	Vehicle Action Prior to Crash	Vehicle Travel Directions	Most Harmful Events	Vehicle Configuration	Road Surface Condition	Ambient Light	Weather Condition	At Roadway Intersection	Distance from Nearest Roadway Intersection
<b>1 WORTHEN ROAD AT WALTHAM STREET</b>																
2152536	01-Feb-2007	5:01 PM	Non-fatal injury	2	2	0	Angle	V1: Turning left / V2: Travelling straight ahead	V1: Northbound / V2: Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Dusk	Cloudy	WALTHAM STREET / WORTHEN ROAD	
2369854	12-Mar-2007	9:00 AM	Property damage only (none injured)	2	0	0	Rear-end	V1: Slowing or stopped in traffic / V2: Slowing or stopped in traffic	V1: Not reported / V2: Not reported	V1: Not reported / V2: Not reported	V1: Passenger car / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear		WALTHAM STREET
2175973	29-Mar-2007	3:30 PM	Non-fatal injury	4	3	0	Rear-end	V1: Slowing or stopped in traffic / V2: Slowing or stopped in traffic / V3: Slowing or stopped in traffic / V4: Slowing or stopped in traffic	V1: Southbound / V2: Southbound / V3: Southbound / V4: Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic / V3: Collision with motor vehicle in traffic / V4: Collision with motor vehicle in traffic	V1: Passenger car / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V3: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V4: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	WALTHAM STREET / WORTHEN ROAD	
2206651	19-May-2007	3:07 PM	Non-fatal injury	2	1	0	Rear-end	V1: Slowing or stopped in traffic / V2: Slowing or stopped in traffic	V1: Northbound / V2: Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	WALTHAM STREET / WORTHEN ROAD	
2216420	23-Jul-2007	9:56 AM	Property damage only (none injured)	3	0	0	Rear-end	V1: Slowing or stopped in traffic / V2: Slowing or stopped in traffic / V3: Slowing or stopped in traffic	V1: Eastbound / V2: Eastbound / V3: Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic / V3: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2: Passenger car / V3: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Cloudy	WORTHEN ROAD / WALTHAM STREET	
2226178	04-Sep-2007	5:18 PM	Property damage only (none injured)	2	0	0	Rear-end	V1: Travelling straight ahead / V2: Travelling straight ahead	V1: Southbound / V2: Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	WALTHAM STREET / WORTHEN ROAD	
2253038	04-Nov-2007	10:55 AM	Property damage only (none injured)	2	0	0	Rear-end	V1: Slowing or stopped in traffic / V2: Slowing or stopped in traffic	V1: Northbound / V2: Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Passenger car	Dry	Daylight	Clear		297 feet N from Intersection 251 WALTHAM STREET / WORTHEN ROAD
<b>2 MARRETT ROAD AT WALTHAM STREET</b>																
2145644	27-Jan-2007	2:42 PM	Property damage only (none injured)	4	0	0	Angle	V1: Other / V2: Travelling straight ahead / V3: Parked / V4: Travelling straight ahead	V1: Northbound / V2: Westbound / V3: Not reported / V4: Not reported	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic / V3: Collision with parked motor vehicle / V4: Collision with parked motor vehicle	V1: Not reported / V2: Passenger car / V3: Passenger car / V4: Passenger car	Dry	Daylight	Clear		324 MARRETT ROAD / WALTHAM STREET
2155388	05-Feb-2007	6:56 PM	Property damage only (none injured)	2	0	0	Angle	V1: Travelling straight ahead / V2: Travelling straight ahead	V1: Northbound / V2: Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Passenger car	Dry	Dark - lighted roadway	Clear	MARRETT ROAD / WALTHAM STREET	
2163330	12-Feb-2007	8:07 AM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1: Turning right	V1: Southbound	V1: Collision with light pole or other post/support	V1: Passenger car	Dry	Daylight	Clear	MARRETT ROAD / WALTHAM STREET	
2163310	05-Mar-2007	3:55 PM	Non-fatal injury	1	1	0	Single vehicle crash	V1: Travelling straight ahead	V1: Eastbound	V1: Collision with pedestrian	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Wet	Daylight	Clear	MARRETT ROAD Rte 2A E / WALTHAM STREET	
2295407	04-Apr-2007	4:40 PM	Non-fatal injury	2	1	0	Rear-end	V1: Slowing or stopped in traffic / V2: Slowing or stopped in traffic	V1: Westbound / V2: Westbound	V1: Not reported / V2: Not reported	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2: Not reported	Slush	Daylight	Snow	WALTHAM STREET / MARRETT ROAD	
2199291	06-May-2007	5:23 AM	Non-fatal injury	2	1	0	Angle	V1: Turning left / V2: Travelling straight ahead	V1: Southbound / V2: Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Passenger car	Dry	Daylight	Clear	WALTHAM STREET / MARRETT ROAD	
2313451	24-May-2007	2:00 AM	Property damage only (none injured)	2	0	0	Not reported	V1: Slowing or stopped in traffic / V2: Backing	V1: Westbound / V2: Southbound	V1: Not reported / V2: Not reported	V1: Passenger car / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear		317 MARRETT ROAD
2244400	06-Oct-2007	7:05 AM	Property damage only (none injured)	2	0	0	Rear-end	V1: Slowing or stopped in traffic / V2: Travelling straight ahead	V1: Northbound / V2: Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	WALTHAM STREET / MARRETT ROAD	

2373252	29-Oct-2007	8:15 AM	Property damage only (none injured)	2	0	0	Rear-end	V1: Travelling straight ahead / V2: Travelling straight ahead	V1: Southbound / V2: Southbound	V1: Not reported / V2: Not reported	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2: Passenger car	Dry	Daylight	Clear	409 WALTHAM STREET
2262723	07-Dec-2007	5:54 PM	Property damage only (none injured)	2	0	0	Rear-end	V1: Travelling straight ahead / V2: Travelling straight ahead	V1: Southbound / V2: Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2: Not reported	Snow	Dark - lighted roadway	Snow/Sleet, hail (freezing rain or drizzle)	MARRETT ROAD Rte 2A E / WALTHAM STREET
<b>3 HAYDEN AVENUE AT WALTHAM STREET</b>															
2308138	31-Jan-2007	7:40 PM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1: Turning left	V1: Not reported	V1: Not reported	V1: Passenger car	Dry	Dark - roadway not lighted	Clear	HAYDEN AVENUE / WALTHAM STREET
2328153	21-Mar-2007	7:40 AM	Property damage only (none injured)	2	0	0	Sideswipe, same direction	V1: Travelling straight ahead / V2: Entering traffic lane	V1: Eastbound / V2: Eastbound	V1: Not reported / V2: Not reported	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2: Truck/trailer	Dry	Daylight	Clear	HAYDEN AVENUE / WALTHAM STREET
2360877	19-Sep-2007	3:45 AM	Property damage only (none injured)	2	0	0	Rear-end	V1: Turning right / V2: Turning right	V1: Southbound / V2: Southbound	V1: Not reported / V2: Not reported	V1: Passenger car / V2: Passenger car	Dry	Daylight	Clear	HAYDEN AVENUE / WALTHAM STREET
2404608	05-Oct-2007	8:25 AM	Property damage only (none injured)	2	0	0	Rear-end	V1: Slowing or stopped in traffic / V2: Travelling straight ahead	V1: Eastbound / V2: Eastbound	V1: Not reported / V2: Not reported	V1: Not reported / V2: Passenger car / V1: Passenger car / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	HAYDEN AVENUE / WALTHAM STREET
2259403	03-Dec-2007	11:48 AM	Non-fatal injury	2	1	0	Angle	V1: Travelling straight ahead / V2: Turning left	V1: Southbound / V2: Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Wet	Daylight	Cloudy/Rain	WALTHAM STREET / HAYDEN AVENUE
<b>4 HAYDEN AVENUE AT ROUTE 2 WB OFF-RAMP</b>															
2357157	14-Mar-2007	4:45 PM	Property damage only (none injured)	2	0	0	Not reported	V1: Slowing or stopped in traffic / V2: Turning right	V1: Northbound / V2: Northbound	V1: Not reported / V2: Not reported	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	WALTHAM STREET Rte 2 / Rte 2
2313367	25-Apr-2007	6:55 AM	Non-fatal injury	2	1	0	Rear-end	V1: Slowing or stopped in traffic / V2: Not reported	V1: Northbound / V2: Northbound	V1: Not reported / V2: Not reported	V1: Passenger car / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Wet	Daylight	Rain	Rte 2 / WALTHAM STREET
2265435	20-Oct-2007	7:57 AM	Property damage only (none injured)	2	0	0	Rear-end	V1: Travelling straight ahead / V2: Travelling straight ahead	V1: Eastbound / V2: Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	25 feet S from Intersection Rte 2 / HAYDEN AVENUE
<b>5 HAYDEN AVENUE AT ROUTE 2 WB ON-RAMP</b>															
2211782	30-May-2007	7:15 AM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1: Travelling straight ahead	V1: Westbound	V1: Collision with motor vehicle in traffic	V1: Passenger car	Dry	Daylight	Clear	Rte 2 / RAMP - HAYDEN AVE TO RT 2 WB / Rte 95
<b>7 SPRING STREET AT CONCORD AVENUE</b>															
2175984	03-Apr-2007	3:29 PM	Property damage only (none injured)	2	0	0	Angle	V1: Turning left / V2: Travelling straight ahead	V1: Northbound / V2: Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Passenger car	Dry	Daylight	Cloudy	SPRING STREET / CONCORD AVENUE
2176020	03-Apr-2007	4:00 PM	Property damage only (none injured)	2	0	0	Angle	V1: Turning left / V2: Travelling straight ahead	V1: Westbound / V2: Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Cloudy	SPRING STREET / CONCORD AVENUE
2200862	18-Jun-2007	9:19 AM	Property damage only (none injured)	2	0	0	Sideswipe, same direction	V1: Slowing or stopped in traffic / V2: Unknown	V1: Southbound / V2: Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Not reported	Snow	Daylight	Clear	SPRING STREET / CONCORD AVENUE
2257623	20-Nov-2007	4:35 PM	Property damage only (none injured)	2	0	0	Angle	V1: Travelling straight ahead / V2: Turning left	V1: Northbound / V2: Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Passenger car	Wet	Dark - lighted roadway	Rain	SPRING STREET / CONCORD AVENUE
2267389	13-Dec-2007	6:00 PM	Property damage only (none injured)	2	0	0	Angle	V1: Slowing or stopped in traffic / V2: Not reported	V1: Northbound / V2: Not reported	V1: Collision with motor vehicle in traffic / V2: Not reported	V1: Not reported / V2: Not reported	Snow	Dark - lighted roadway	Snow	191 SPRING STREET / CONCORD AVENUE
<b>8 SPRING STREET AT HAYDEN AVE/PARTIORTS WAY</b>															
2142769	05-Jan-2007	7:35 PM	Non-fatal injury	2	4	0	Angle	V1: Travelling straight ahead / V2: Travelling straight ahead	V1: Westbound / V2: Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Passenger car	Wet	Dark - lighted roadway	Cloudy	SPRING STREET / HAYDEN AVENUE
2217208	14-May-2007	8:42 AM	Non-fatal injury	2	1	0	Angle	V1: Slowing or stopped in traffic / V2: Travelling straight ahead	V1: Westbound / V2: Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Motorcycle / V2: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	212 feet E from Intersection 95 HAYDEN AVENUE / SPRING STREET
2222661	21-Aug-2007	4:56 PM	Property damage only (none injured)	2	0	0	Sideswipe, opposite direction	V1: Turning left / V2: Travelling straight ahead	V1: Westbound / V2: Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2: Passenger car	Dry	Daylight	Cloudy	SPRING STREET / HAYDEN AVENUE

2237966	14-Sep-2007	9:21 AM	Property damage only (none injured)	2	0	0	Angle	V1: Travelling straight ahead / V2:Travelling straight ahead	V1:Westbound / V2:Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2:Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	HAYDEN AVENUE / SPRING STREET
<b>10 MARRETT ROAD AT SPRING STREET</b>															
2180118	27-Feb-2007	7:34 AM	Non-fatal injury	1	1	0	Single vehicle crash	V1: Turning right	V1:Eastbound	V1: Collision with pedestrian	V1: Tractor/semi-trailer	Dry	Daylight	Clear	MARRETT ROAD / SPRING STREET
2238579	05-Sep-2007	3:36 PM	Unknown	1	0	0	Single vehicle crash	V1: Travelling straight ahead	V1:Southbound	V1: Collision with other movable object	V1: Passenger car	Dry	Daylight	Clear	5 SPRING STREET
2259128	04-Dec-2007	2:20 PM	Property damage only (none injured)	2	0	0	Angle	V1: Travelling straight ahead / V2:Turning left	V1:Westbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Passenger car / V2:Passenger car	Dry	Daylight	Cloudy	405 MARRETT ROAD Rte 2A / SPRING STREET Rte 2A
<b>11 MARRETT ROAD AT MIDDLE STREET</b>															
2290192	31-Jan-2007	12:39 PM	Non-fatal injury	2	1	0	Head-on	V1: Travelling straight ahead / V2:Turning left	V1:Not reported / V2:Not reported	V1: Not reported / V2: Not reported	V1: Not reported / V2:Not reported	Dry	Daylight	Clear	MARRETT ROAD / MIDDLE STREET
2158583	31-Jan-2007	12:39 PM	Non-fatal injury	2	2	0	Head-on	V1: Travelling straight ahead / V2:Travelling straight ahead	V1:Eastbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2:Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	MARRETT ROAD / Rte 2A / CARY AVENUE
2209583	06-Jul-2007	8:12 AM	Non-fatal injury	2	3	0	Head-on	V1: Travelling straight ahead / V2:Turning left	V1:Eastbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2:Light truck(van, mini-van, panel, pickup, sport utility) with only four tires	Dry	Daylight	Clear	MARRETT ROAD / MIDDLE STREET
2334651	18-Jul-2007	00:00 AM	Property damage only (none injured)	1	0	0	Unknown	V1: Travelling straight ahead	V1:Westbound	V1: Not reported	V1: Passenger car	Sand, mud, dirt, oil, gravel	Dark - roadway not lighted	Clear	MARRETT ROAD / MIDDLE STREET
2238585	07-Sep-2007	4:04 PM	Non-fatal injury	2	1	0	Head-on	V1: Travelling straight ahead / V2:Turning left	V1:Eastbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	V1: Light truck(van, mini-van, panel, pickup, sport utility) with only four tires / V2:Passenger car	Dry	Daylight	Clear	MARRETT ROAD Rte 2A E / MIDDLE STREET



## MassHighway Crash Report for Lexington in year 2006

Crash Number	Crash Date	Crash Time	Crash Severity	Number of Vehicles	Total Nonfatal Injuries	Total Fatal Injuries	Manner of Collision	Vehicles Travel Directions	Most Harmful Events	Road Surface Condition	Ambient Light	Weather Condition	At Roadway Intersection	Distance from Nearest Roadway Intersection	Distance from Nearest Milemarker	Distance from Nearest Exit
<b>1 WORTHEN ROAD AT WALTHAM STREET</b>																
2023155	20-Mar-2006	2:43 PM	Non-fatal injury	2	1	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear		100 feet N from Intersection 251 WALTHAM STREET		
2042998	05-May-2006	12:30 PM	Non-fatal injury	2	1	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	WORTHEN ROAD / WALTHAM STREET			
2065918	22-May-2006	4:12 AM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1:Northbound	V1: Collision with guardrail	Dry	Dark - lighted roadway	Clear		684 feet S from Intersection 292 WALTHAM STREET / WORTHEN ROAD		
2071147	28-Jul-2006	7:13 PM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1:Southbound	V1: Other	Wet	Dusk	Rain/Cloudy		WALTHAM STREET / WORTHEN ROAD		
2090619	18-Sep-2006	2:29 PM	Non-fatal injury	2	1	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear		251 WALTHAM STREET		
<b>2 MARRETT ROAD AT WALTHAM STREET</b>																
1988598	12-Jan-2006	12:14 PM	Property damage only (none injured)	1	0	0	Angle	V1:Eastbound	V1: Collision with cyclist (bicycle, tricycle, unicycle, pedal car)	Dry	Daylight	Clear	MARRETT ROAD Rte 2A E / WALTHAM STREET			
2011767	10-Mar-2006	10:35 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Northbound / V2:Not reported	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Dark - lighted roadway	Clear		125 feet S from Intersection 405 WALTHAM STREET / MARRETT ROAD		
2058941	24-May-2006	2:00 PM	Non-fatal injury	2	1	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	WALTHAM STREET / MARRETT ROAD			
2124969	06-Jun-2006	7:56 AM	Unknown	2	0	0	Angle	V1:Southbound / V2:Northbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear		WALTHAM STREET / MARRETT ROAD		
2126164	07-Jun-2006	8:55 AM	Not Reported	2	0	0	Sideswipe, opposite direction	V1:Northbound / V2:Westbound	V1: Not reported / V2: Not reported	Wet	Daylight	Rain		WALTHAM STREET / MARRETT ROAD		
2065516	12-Jun-2006	7:09 AM	Non-fatal injury	3	2	0	Not reported	V1:Northbound / V2:Northbound / V3:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic / V3: Collision with motor vehicle in traffic	Dry	Daylight	Clear	WALTHAM STREET / MARRETT ROAD Rte 2A			
2065513	19-Jun-2006	11:18 AM	Non-fatal injury	2	1	0	Rear-end	V1:Westbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear		120 feet S from Intersection 403 WALTHAM STREET / MARRETT ROAD		
2181750	08-Sep-2006	9:10 AM	Unknown	2	0	0	Sideswipe, opposite direction	V1:Southbound / V2:Northbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear		WALTHAM STREET / MARRETT ROAD Rte 2A		
2099034	23-Sep-2006	12:34 PM	Non-fatal injury	1	1	0	Single vehicle crash	V1:Northbound	V1: Other non-collision	Wet	Daylight	Clear		97 feet S from Intersection 396 WALTHAM STREET Rte 2A / MARRETT ROAD Rte 2A S		
2107093	09-Oct-2006	3:10 PM	Non-fatal injury	3	3	0	Rear-end	V1:Northbound / V2:Northbound / V3:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic / V3: Collision with motor vehicle in traffic	Dry	Daylight	Clear	MARRETT ROAD Rte 2A / WALTHAM STREET			

2204617	11-Oct-2006	1:11 PM	Not Reported	2	0	0	Angle	V1:Westbound / V2:Eastbound	V1: Not reported / V2: Not reported	Dry	Daylight	Cloudy	MARRETT ROAD / WALTHAM STREET	
2179530	20-Oct-2006	11:42 AM	Property damage only (none injured)	2	0	0	Angle	V1:Eastbound / V2:Westbound	V1: Not reported / V2: Not reported	Wet	Daylight	Rain	MARRETT ROAD Rte 2A / WALTHAM STREET	
2196064	23-Oct-2006	8:30 AM	Property damage only (none injured)	2	0	0	Not reported	V1:Southbound / V2:Eastbound	V1: Not reported / V2: Not reported	Dry	Daylight	Cloudy	MARRETT ROAD / WALTHAM STREET	
2105023	25-Oct-2006	9:11 AM	Non-fatal injury	2	2	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	WALTHAM STREET / MARRETT ROAD	
2137709	02-Nov-2006	9:01 AM	Property damage only (none injured)	2	0	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	WALTHAM STREET / MARRETT ROAD	
2125013	13-Dec-2006	4:05 PM	Property damage only (none injured)	2	0	0	Angle	V1:Eastbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Wet	Daylight	Rain	MARRETT ROAD Rte 2A E / WALTHAM STREET	
<b>3 HAYDEN AVENUE AT WALTHAM STREET</b>														
2105140	20-Jan-2006	8:45 AM	Non-fatal injury	2	1	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	HAYDEN AVENUE / WALTHAM STREET	
2004266	11-Feb-2006	10:58 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Not reported	Dark - lighted roadway	Clear	HAYDEN AVENUE / WALTHAM STREET	
2023917	27-Mar-2006	5:02 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Southbound / V2:Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	WALTHAM STREET / HAYDEN AVENUE	
2104059	30-Mar-2006	5:50 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	HAYDEN AVENUE / WALTHAM STREET	
2025264	11-Apr-2006	8:06 AM	Property damage only (none injured)	2	0	0	Angle	V1:Southbound / V2:Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	140 feet W from Intersection 16 HAYDEN AVENUE / WALTHAM STREET	
2070130	19-Jun-2006	7:15 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Southbound / V2:Not reported	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	HAYDEN AVENUE / WALTHAM STREET	
2177104	04-Oct-2006	3:15 PM	Property damage only (none injured)	2	0	0	Sideswipe, same direction	V1:Not reported / V2:Not reported	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	WALTHAM STREET / HAYDEN AVENUE	
2178114	06-Nov-2006	8:05 AM	Property damage only (none injured)	2	0	0	Not reported	V1:Eastbound / V2:Eastbound	V1: Not reported / V2: Not reported	Dry	Daylight	Cloudy	HAYDEN AVENUE / WALTHAM STREET	
<b>4 HAYDEN AVENUE AT ROUTE 2 WB OFF-RAMP</b>														
2142605	05-Apr-2006	11:15 AM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1:Westbound	V1: Not reported	Slush	Daylight	Snow	Rte 2 / WALTHAM STREET	800 feet E from Exit 54A on Rte 2
2042995	11-May-2006	6:43 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Cloudy/Fog, smog, smoke	WALTHAM STREET Rte 2 W / Rte 2	
2201445	11-Dec-2006	6:00 AM	Not Reported	2	0	0	Rear-end	V1:Westbound / V2:Not reported	V1: Not reported / V2: Not reported	Dry	Dark - lighted roadway	Clear	WALTHAM STREET / RAMP - RT 2 WB TO WALTHAM ST	238 feet S from Intersection Rte 2 W / HAYDEN AVENUE
2133055	19-Dec-2006	8:58 PM	Non-fatal injury	1	1	0	Single vehicle crash	V1:Southbound	V1: Overturn/rollover	Dry	Dark - roadway not lighted	Clear	WALTHAM STREET / RAMP - RT 2 WB TO WALTHAM ST	Exit 54A on Rte 2 W

**6 CONCORD AVENUE AT ROUTE 2 EB ON-RAMP**

2232417	27-Sep-2006	4:10 AM	Property damage only (none injured)	2	0	0	Single vehicle crash	V1:Northbound / V2:Northbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	RAMP - CONCORD AVE TO RT 2 EB / CONCORD HIGHWAY Rte 2
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**7 CONCORD AVENUE AT SPRING STREET**

2026130	09-Apr-2006	9:55 AM	Property damage only (none injured)	2	0	0	Rear-end	V1:Eastbound / V2:Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Cloudy	30 feet S from Intersection SPRING STREET / CONCORD AVENUE
2044136	01-Jun-2006	5:42 PM	Property damage only (none injured)	2	0	0	Sideswipe, same direction	V1:Southbound / V2:Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	100 feet N from Intersection 165 SPRING STREET / CONCORD AVENUE
2188254	25-Aug-2006	5:30 PM	Property damage only (none injured)	2	0	0	Not reported	V1:Northbound / V2:Westbound	V1: Not reported / V2: Not reported	Wet	Daylight	Cloudy	SPRING STREET / CONCORD AVENUE
2109655	03-Nov-2006	9:00 AM	Property damage only (none injured)	2	0	0	Rear-end	V1:Westbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	CONCORD AVENUE / SPRING STREET Rte 2

**8 HAYDEN AVENUE AT SPRING STREET**

2065500	29-Jun-2006	4:20 PM	Non-fatal injury	2	1	0	Single vehicle crash	V1:Northbound / V2:Westbound	V1: Collision with curb / V2: Other non-collision	Wet	Daylight	Rain	SPRING STREET / HAYDEN AVENUE / PATRIOTS DRIVE
2134861	26-Dec-2006	8:39 AM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1:Westbound	V1: Collision with tree	Dry	Daylight	Cloudy	65 HAYDEN AVENUE / SPRING STREET

**10 MARRETT ROAD AT SPRING STREET**

2109673	20-Oct-2006	7:19 AM	Property damage only (none injured)	2	0	0	Rear-end	V1:Westbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Cloudy	300 feet E from Intersection MARRETT ROAD / SPRING STREET
2134869	25-Dec-2006	8:49 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Wet	Dark - lighted roadway	Rain	SPRING STREET / MARRETT ROAD

**11 MARRETT ROAD AT MIDDLE STREET**

2090661	03-Sep-2006	8:02 PM	Non-fatal injury	1	1	0	Single vehicle crash	V1:Westbound	V1: Collision with pedestrian	Wet	Dark - roadway not lighted	Rain	MARRETT ROAD Rte 2A W / MIDDLE STREET
2134900	19-Dec-2006	10:56 AM	Non-fatal injury	2	3	0	Sideswipe, opposite direction	V1:Westbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Cloudy	MARRETT ROAD / MIDDLE STREET



## MassHighway Crash Report for Lexington in year 2005

Crash Number	Crash Date	Crash Time	Crash Severity	Number of Vehicles	Total Nonfatal Injuries	Total Fatal Injuries	Manner of Collision	Vehicles Travel Directions	Most Harmful Events	Road Surface Condition	Ambient Light	Weather Condition	At Roadway Intersection	Distance from Nearest Roadway Intersection	Distance from Nearest Milemarker	Distance from Nearest Exit
<b>1 WORTHEN ROAD AT WALTHAM STREET</b>																
1830680	15-Jan-2005	5:26 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Northbound / V2:Northbound	V1: Other / V2: Other	Ice	Dark - lighted roadway	Clear		500 feet S from Intersection 300 WALTHAM STREET / WORTHEN ROAD		
1915537	03-Feb-2005	7:45 AM	Property damage only (none injured)	2	0	0	Angle	V1:Eastbound / V2:Northbound	V1: Not reported / V2: Not reported	Wet	Daylight	Clear		WORTHEN ROAD / WALTHAM STREET		
1851690	06-Mar-2005	1:38 AM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1:Southbound	V1: Collision with tree / V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Dark - lighted roadway	Clear		100 feet S from Intersection WALTHAM STREET / WORTHEN ROAD		
1870342	07-Apr-2005	11:28 AM	Property damage only (none injured)	2	0	0	Rear-end	V1:Southbound / V2:Southbound	Collision with motor vehicle in traffic	Dry	Daylight	Cloudy	WALTHAM STREET / WORTHEN ROAD			
2002452	13-Sep-2005	8:30 AM	Not Reported	2	0	0	Angle	V1:Northbound / V2:Northbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	WALTHAM STREET / WORTHEN ROAD			
<b>2 MARRETT ROAD AT WALTHAM STREET</b>																
1844800	04-Feb-2005	9:08 AM	Property damage only (none injured)	2	0	0	Rear-end	V1:Westbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear		50 feet W from Intersection MARRETT ROAD / WALTHAM STREET		
1888036	25-May-2005	8:55 PM	Property damage only (none injured)	2	0	0	Angle	V1:Westbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Wet	Dark - lighted roadway	Rain		100 feet W from Intersection MARRETT ROAD Rte 2A / WALTHAM STREET		
1996892	19-Jul-2005	6:00 PM	Property damage only (none injured)	2	0	0	Angle	V1:Not reported / V2:Not reported	V1: Not reported / V2: Not reported	Dry	Daylight	Clear		WALTHAM STREET / MARRETT ROAD		
1937983	16-Sep-2005	12:38 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Wet	Daylight	Cloudy/Rain		150 feet S from Intersection 336 MARRETT ROAD Rte 2A / WALTHAM STREET Rte 2A S 70 feet E from Intersection 315 MARRETT ROAD Rte 2A W / WALTHAM STREET		
1956126	24-Sep-2005	5:36 PM	Non-fatal injury	2	1	0	Head-on	V1:Westbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear		MARRETT ROAD Rte 2A E / WALTHAM STREET		
1945260	30-Sep-2005	6:55 PM	Property damage only (none injured)	2	0	0	Angle	V1:Eastbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Dusk	Clear	WALTHAM STREET / MARRETT ROAD Rte 2A E			
1956424	03-Nov-2005	4:30 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear				
<b>3 HAYDEN AVENUE AT WALTHAM STREET</b>																
1861257	08-Mar-2005	9:11 AM	Property damage only (none injured)	3	0	0	Rear-end	V1:Eastbound / V2:Southbound / V3:Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic / V3: Collision with motor vehicle in traffic	Wet	Daylight	Rain/Cloudy	HAYDEN AVENUE / WALTHAM STREET			
2033472	23-May-2005	8:30 AM	Property damage only (none injured)	2	0	0	Not reported	V1:Southbound / V2:Southbound	V1: Not reported / V2: Not reported	Dry	Daylight	Cloudy		Rte 2		

1910986	08-Jun-2005	9:04 AM	Property damage only (none injured)	2	0	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	HAYDEN AVENUE / WALTHAM STREET
1909007	06-Jul-2005	12:31 PM	Property damage only (none injured)	1	0	0	Single vehicle crash	V1:Westbound	V1: Collision with unknown fixed object	Wet	Daylight	Rain/Cloudy	HAYDEN AVENUE / WALTHAM STREET
1937494	24-Aug-2005	12:27 PM	Property damage only (none injured)	2	0	0	Angle	V1:Southbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	HAYDEN AVENUE / WALTHAM STREET
1937889	31-Aug-2005	1:35 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Cloudy	HAYDEN AVENUE / WALTHAM STREET
<b>4 HAYDEN AVENUE AT ROUTE 2 WB OFF-RAMP</b>													
1848416	18-Feb-2005	12:12 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Northbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	RAMP - RT 2 WB TO WALTHAM ST Rte 2 W / WALTHAM STREET
1978276	22-Nov-2005	3:00 PM	Non-fatal injury	2	1	0	Rear-end	V1:Not reported / V2:Not reported	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	Rte 2 / WALTHAM STREET Rte 2
<b>5 HAYDEN AVENUE AT ROUTE 2 WB ON-RAMP</b>													
1848384	22-Feb-2005	3:20 PM	Property damage only (none injured)	2	0	0	Angle	V1:Westbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	HAYDEN AVENUE / Rte 2 W
1894411	20-May-2005	4:21 PM	Property damage only (none injured)	2	0	0	Angle	V1:Westbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	HAYDEN AVENUE / RAMP - HAYDEN AVE TO RT 2 WB Rte 2 W
<b>7 CONCORD AVENUE AT SPRING STREET</b>													
1921848	21-Feb-2005	9:00 AM	Property damage only (none injured)	2	0	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Not reported / V2: Not reported	Snow	Daylight	Cloudy/Snow	SPRING STREET / CONCORD AVENUE
1898563	13-Jun-2005	8:56 AM	Property damage only (none injured)	2	0	0	Angle	V1:Northbound / V2:Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Cloudy	SPRING STREET / CONCORD AVENUE
1913166	15-Jul-2005	8:35 PM	Property damage only (none injured)	1	0	0	Rear-end	V1:Southbound	V1: Collision with cyclist (bicycle, tricycle, unicycle, pedal car)	Dry	Dusk	Clear	50 feet N from Intersection SPRING STREET / CONCORD AVENUE
<b>8 HAYDEN AVENUE AT SPRING STREET</b>													
1830605	08-Jan-2005	9:05 AM	Non-fatal injury	2	2	0	Angle	V1:Northbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Wet	Daylight	Clear	HAYDEN AVENUE / SPRING STREET SPRING STREET / HAYDEN AVENUE
1830693	17-Jan-2005	7:18 AM	Non-fatal injury	1	1	0	Single vehicle crash	V1:Southbound	V1: Collision with utility pole	Snow	Daylight	Cloudy	SPRING STREET / HAYDEN AVENUE
1913157	21-Jul-2005	8:41 PM	Non-fatal injury	2	2	0	Angle	V1:Westbound / V2:Northbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Dark - lighted roadway	Clear	SPRING STREET / HAYDEN AVENUE / PATRIOTS DRIVE
2016857	18-Nov-2005	3:40 PM	Property damage only (none injured)	2	0	0	Angle	V1:Northbound / V2:Westbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	SPRING STREET / HAYDEN AVENUE
2030873	27-Dec-2005	9:30 AM	Non-fatal injury	2	1	0	Head-on	V1:Westbound / V2:Northbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	HAYDEN AVENUE / SPRING STREET
<b>9 SHADE STREET AT SPRING STREET</b>													
1903322	21-Jun-2005	1:34 PM	Non-fatal injury	2	1	0	Single vehicle crash	V1:Northbound / V2:Not reported	V1: Collision with guardrail / V2: Not reported	Dry	Daylight	Clear	100 feet S from Intersection 180 SPRING STREET / SHADE STREET
<b>10 MARRETT ROAD AT SPRING STREET</b>													

1883955	20-Mar-2005	5:30 PM	Property damage only (none injured)	2	0	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Not reported / V2: Not reported	Snow	Dusk	Snow	1300 feet W from Intersection MARRETT ROAD Rte 2A / SPRING STREET Rte 2A W
1894451	26-May-2005	5:56 PM	Property damage only (none injured)	2	0	0	Angle	V1:Eastbound / V2:Southbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Wet	Daylight	Rain	MARRETT ROAD Rte 2A / SPRING STREET
1922713	11-Aug-2005	10:50 PM	Property damage only (none injured)	2	0	0	Angle	V1:Northbound / V2:Not reported	V1: Collision with parked motor vehicle / V2: Collision with motor vehicle in traffic	Dry	Dark - lighted roadway	Clear	415 MARRETT ROAD / SPRING STREET
<b>11 MIDDLE STREET AT MARRETT ROAD</b>													
1937936	03-Sep-2005	11:20 AM	Non-fatal injury	2	4	0	Head-on	V1:Westbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	30 feet E from Intersection MARRETT ROAD Rte 2A / MIDDLE STREET Rte 2A E
1937985	20-Sep-2005	8:07 AM	Non-fatal injury	2	2	0	Head-on	V1:Westbound / V2:Eastbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	MARRETT ROAD Rte 2A / MIDDLE STREET
1956415	31-Oct-2005	8:49 AM	Property damage only (none injured)	2	0	0	Head-on	V1:Eastbound / V2:Westbound	V1: Collision with motor vehicle in traffic / V2: Collision with motor vehicle in traffic	Dry	Daylight	Clear	MARRETT ROAD Rte 2A E / MIDDLE STREET MARRETT ROAD Rte 2A / MIDDLE STREET
2039004	31-Oct-2005	9:28 PM	Not Reported	2	0	0	Rear-end	V1:Eastbound / V2:Eastbound	V1: Not reported / V2: Not reported	Dry	Daylight	Clear	MARRETT ROAD Rte 2A / MIDDLE STREET

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : Adjusted 2008

UNIGNALIZED :  YES  SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Concord Avenue

RIN #

MINOR STREET(S) : Route 2EB Off-Ramp

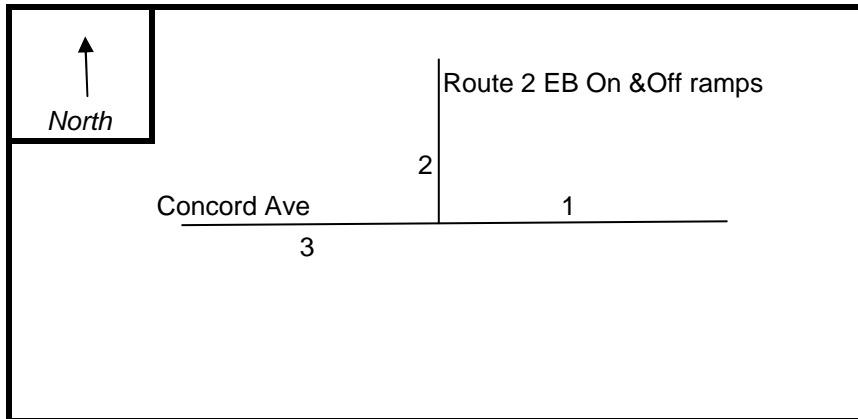
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM**  
(Label Approaches)



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	WB	SB	EB			
VOLUMES (AM/PM) :	116	329	374			

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

CRASH RATE CALCULATION :  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 2008

UNIGNALIZED :  YES SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Spring Street

RIN #

MINOR STREET(S) : Concord Avenue

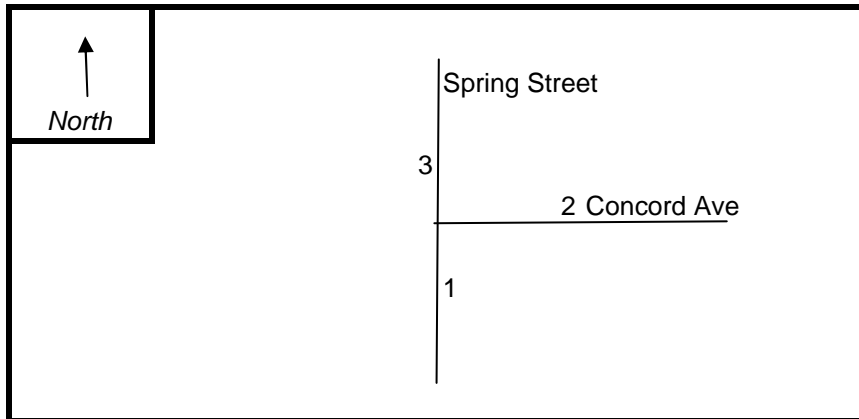
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM**  
(Label Approaches)



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NB	WB	SB			
VOLUMES (AM/PM) :	240	445	927			

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

CRASH RATE CALCULATION :  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 2008

UNIGNALIZED :  YES  SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Spring Street

RIN #

MINOR STREET(S) : Patriot Way/Hayden Ave

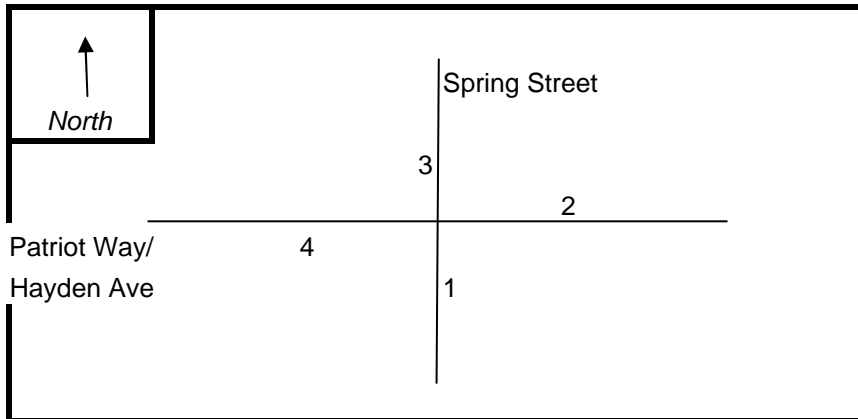
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM  
(Label Approaches)**



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NB	WB	SB	EB		
VOLUMES (AM/PM) :	422	244	838	24		

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

CRASH RATE CALCULATION :  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 2008

UNIGNALIZED :  YES SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Spring Street

RIN #

MINOR STREET(S) : Shade Street

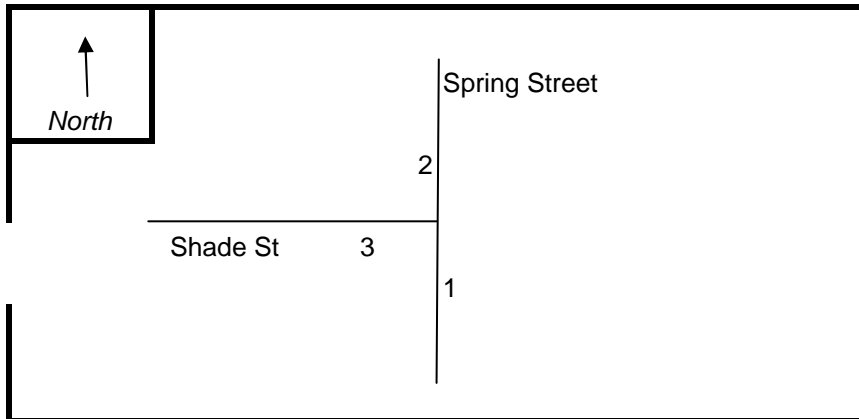
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM**  
(Label Approaches)



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NB	SB	EB			
VOLUMES (AM/PM) :	180	819	62			

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

CRASH RATE CALCULATION :  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 2008

UNIGNALIZED :  YES SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Marrett Road

RIN #

MINOR STREET(S) : Spring Street/Bridge St

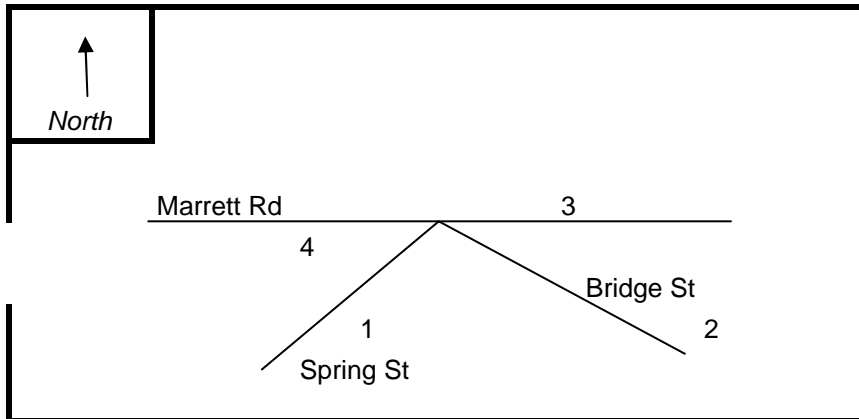
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM**  
(Label Approaches)



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NEB	NWB	WB	EB		
VOLUMES (AM/PM) :	209	51	800	725		

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

CRASH RATE CALCULATION :  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 2008

UNIGNALIZED :  YES SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Marrett Road

RIN #

MINOR STREET(S) : Middle Street

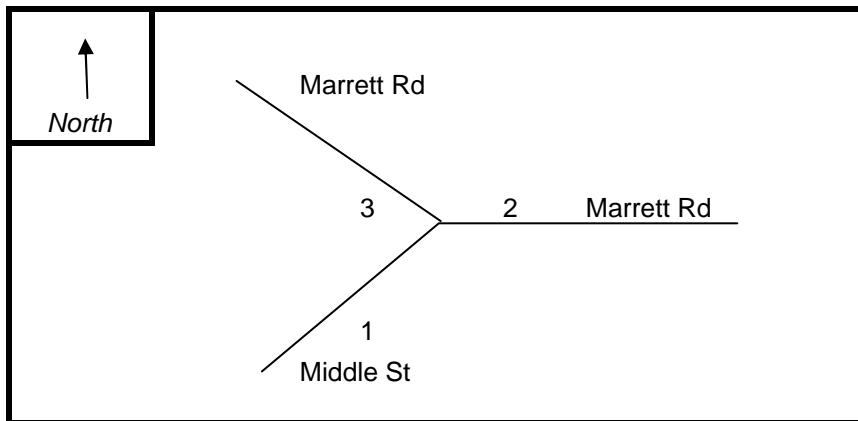
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM**  
(Label Approaches)



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NEB	WB	SEB			
VOLUMES (AM/PM) :	67	461	690			

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

CRASH RATE CALCULATION :  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 2008

UNIGNALIZED :  YES SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Hayden Avenue

RIN #

MINOR STREET(S) : Route 2WB O0-Ramp

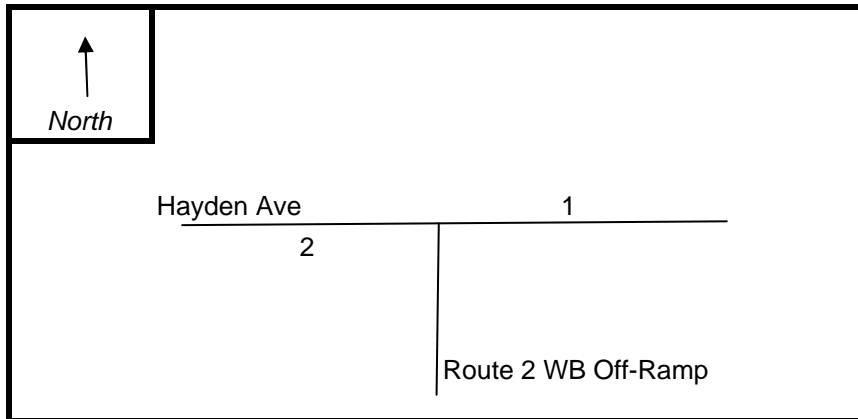
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM  
(Label Approaches)**



INTERSECTION

REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	WB	EB				
VOLUMES (AM/PM) :	488	275				

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

**CRASH RATE CALCULATION :**  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 2008

UNIGNALIZED :  YES  SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Hayden Avenue

RIN #

MINOR STREET(S) : Route 2WB Off-Ramp

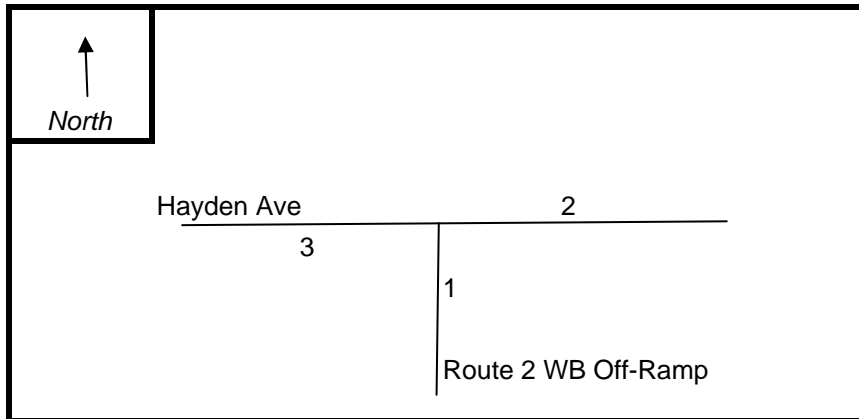
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM**  
(Label Approaches)



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NB	WB	EB			
VOLUMES (AM/PM) :	859	405	111			

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

CRASH RATE CALCULATION :  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 2008

UNIGNALIZED :  YES  SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Waltham Street

RIN #

MINOR STREET(S) : Hayden Avenue

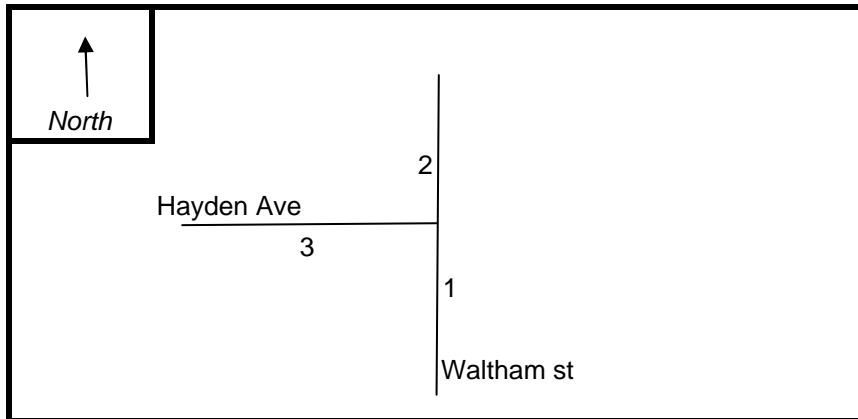
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM  
(Label Approaches)**



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NB	SB	EB			
VOLUMES (AM/PM) :	689	1134	631			

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

**CRASH RATE CALCULATION :**  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.6 District 4 Average Rate - 0.58

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington      COUNT DATE : 6/16/2009

UNIGNALIZED :       SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Waltham Street

RIN #

MINOR STREET(S) : Marrett Road

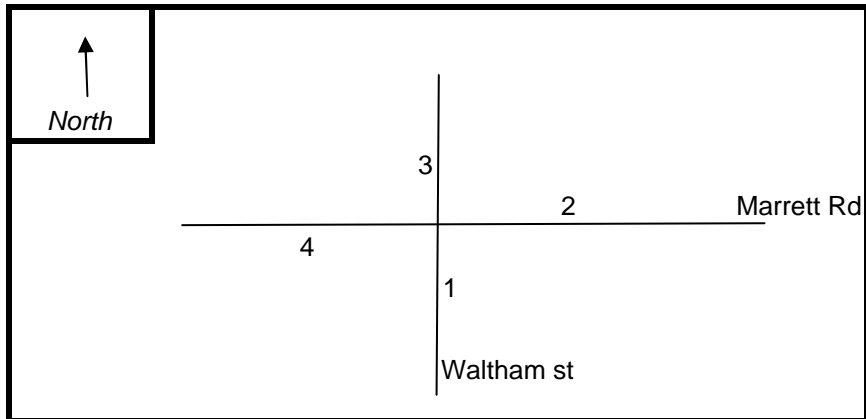
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM**  
(Label Approaches)



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NB	WB	SB	EB		
VOLUMES (AM/PM) :	900	316	753	697		

" K " FACTOR :       APPROACH ADT :       ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :       # OF YEARS :       AVERAGE # OF ACCIDENTS ( A ) :

**CRASH RATE CALCULATION :**       RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.8      District 4 Average Rate - 0.78

# MassHighway

## CRASH RATE WORKSHEET

CITY/TOWN : Lexington COUNT DATE : 6/16/2009

UNIGNALIZED :  SIGNALIZED :

**MHD USE ONLY**

Source #

~ INTERSECTION DATA ~

MAJOR STREET : Waltham Street

RIN #

MINOR STREET(S) : Worthen Road

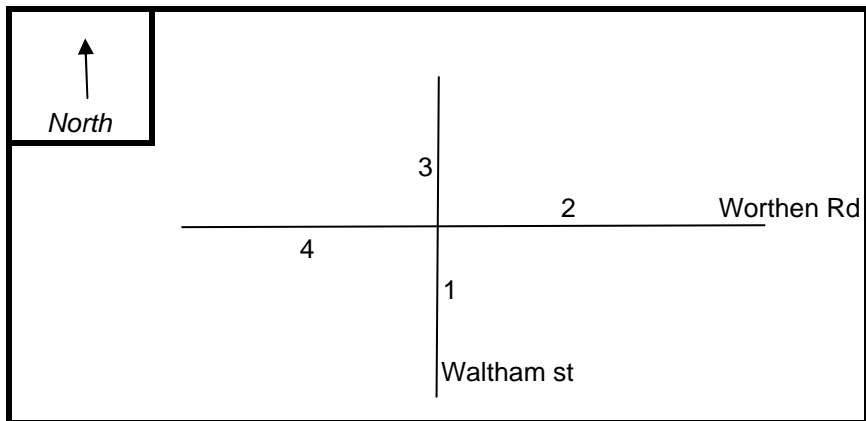
RIN #

RIN #

RIN #

RIN #

**INTERSECTION  
DIAGRAM**  
(Label Approaches)



INTERSECTION  
REF #

**Peak Hour Volumes**

APPROACH :	1	2	3	4	5	6
DIRECTION :	NB	WB	SB	EB		
VOLUMES (AM/PM) :	902	81	423	566		

" K " FACTOR :  APPROACH ADT :  ADT = TOTAL VOL/"K" FACT.

TOTAL # OF ACCIDENTS :  # OF YEARS :  AVERAGE # OF ACCIDENTS ( A ) :

**CRASH RATE CALCULATION :**  RATE =  $\frac{(A * 1,000,000)}{(ADT * 365)}$

Comments : Statewide Average Rate - 0.8 District 4 Average Rate - 0.78