

Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PDI File #: 239225 ATR-H

Count Date: Wednesday, March 8, 2023  
 Direction: EB

AM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	5	0	0	0	5
12:15 AM	0	0	2	2	0	0	4
12:30 AM	0	0	1	0	0	0	1
12:45 AM	0	0	1	0	0	0	1
1:00 AM	0	0	2	1	1	0	4
1:15 AM	0	0	2	0	0	0	2
1:30 AM	0	0	2	0	0	0	2
1:45 AM	0	0	1	0	0	0	1
2:00 AM	0	0	2	0	1	0	3
2:15 AM	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	1	0	1
2:45 AM	0	0	3	0	1	0	4
3:00 AM	0	0	2	0	0	0	2
3:15 AM	0	0	1	0	0	0	1
3:30 AM	0	0	1	0	0	0	1
3:45 AM	0	0	1	0	1	0	2
4:00 AM	0	0	2	0	1	0	3
4:15 AM	0	0	5	0	1	0	6
4:30 AM	0	0	3	0	1	0	4
4:45 AM	0	0	11	0	0	0	11
5:00 AM	0	0	12	0	1	0	13
5:15 AM	0	0	38	2	0	0	40
5:30 AM	0	0	38	1	2	0	41
5:45 AM	1	0	77	2	3	0	83
6:00 AM	1	1	61	1	2	0	66
6:15 AM	0	0	73	3	1	0	77
6:30 AM	1	0	97	3	1	0	102
6:45 AM	0	1	109	2	10	0	122
7:00 AM	0	0	129	3	6	0	138
7:15 AM	0	0	125	5	7	0	137
7:30 AM	0	1	147	2	9	0	159
7:45 AM	3	0	170	1	1	1	176
8:00 AM	3	1	142	3	5	2	156
8:15 AM	6	0	139	3	4	0	152
8:30 AM	0	0	112	4	3	1	120
8:45 AM	1	0	102	3	5	0	111
9:00 AM	0	0	138	2	7	0	147
9:15 AM	2	0	102	5	2	0	111
9:30 AM	0	0	124	3	6	0	133
9:45 AM	2	0	119	5	3	0	129
10:00 AM	0	0	100	3	5	0	108
10:15 AM	0	0	98	1	6	0	105
10:30 AM	0	0	92	4	7	0	103
10:45 AM	0	0	73	3	8	0	84
11:00 AM	0	0	60	3	4	0	67
11:15 AM	1	0	71	2	1	0	75
11:30 AM	0	0	57	4	3	0	64
11:45 AM	1	0	94	1	2	1	99

<b>AM Total</b>	<b>22</b>	<b>4</b>	<b>2746</b>	<b>77</b>	<b>122</b>	<b>5</b>	<b>2976</b>
<b>Percentage</b>	<b>0.74%</b>	<b>0.13%</b>	<b>92.27%</b>	<b>2.59%</b>	<b>4.10%</b>	<b>0.17%</b>	
<b>AM Peak</b>	<b>7:30 AM</b>	<b>6:00 AM</b>	<b>7:30 AM</b>	<b>9:15 AM</b>	<b>6:45 AM</b>	<b>7:45 AM</b>	<b>7:30 AM</b>
<b>Volume</b>	<b>12</b>	<b>2</b>	<b>598</b>	<b>16</b>	<b>32</b>	<b>4</b>	<b>643</b>

PM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	0	0	71	3	3	0	77
12:15 PM	1	0	63	1	3	0	68
12:30 PM	1	1	65	2	4	0	73
12:45 PM	2	0	91	1	1	0	95
1:00 PM	0	0	54	3	2	0	59
1:15 PM	1	0	79	5	0	1	86
1:30 PM	0	0	58	2	1	0	61
1:45 PM	0	1	84	1	3	0	89
2:00 PM	0	0	71	3	3	0	77
2:15 PM	0	0	72	3	5	0	80
2:30 PM	0	0	77	1	2	0	80
2:45 PM	0	0	97	3	2	0	102
3:00 PM	1	0	85	2	2	0	90
3:15 PM	0	0	72	4	1	1	78
3:30 PM	1	0	90	2	1	0	94
3:45 PM	3	0	83	5	3	0	94
4:00 PM	0	0	75	4	0	0	79
4:15 PM	0	0	87	2	1	0	90
4:30 PM	0	0	88	1	0	0	89
4:45 PM	2	0	86	1	0	0	89
5:00 PM	0	0	92	3	0	0	95
5:15 PM	1	0	126	3	0	0	130
5:30 PM	0	0	107	2	0	0	109
5:45 PM	0	0	87	4	0	0	91
6:00 PM	2	0	86	1	0	0	89
6:15 PM	0	0	111	2	2	1	116
6:30 PM	0	0	102	2	1	0	105
6:45 PM	0	0	117	2	2	0	121
7:00 PM	1	0	79	2	0	1	83
7:15 PM	0	0	68	1	2	0	71
7:30 PM	0	0	54	2	0	0	56
7:45 PM	0	0	56	2	0	0	58
8:00 PM	1	0	52	2	0	0	55
8:15 PM	0	0	32	1	1	0	34
8:30 PM	0	0	36	1	0	0	37
8:45 PM	0	0	34	2	0	0	36
9:00 PM	0	0	41	1	0	0	42
9:15 PM	0	1	33	2	0	0	36
9:30 PM	0	0	36	2	2	0	40
9:45 PM	1	3	11	1	0	0	16
10:00 PM	0	0	23	1	0	0	24
10:15 PM	0	0	15	1	0	0	16
10:30 PM	1	0	16	1	0	0	18
10:45 PM	1	0	14	2	0	0	17
11:00 PM	0	0	14	1	0	0	15
11:15 PM	0	0	11	2	0	0	13
11:30 PM	0	1	5	0	1	0	7
11:45 PM	3	0	5	1	2	0	11

<b>PM Total</b>	<b>23</b>	<b>7</b>	<b>3011</b>	<b>96</b>	<b>50</b>	<b>4</b>	<b>3191</b>
<b>Percentage</b>	<b>0.72%</b>	<b>0.22%</b>	<b>94.36%</b>	<b>3.01%</b>	<b>1.57%</b>	<b>0.13%</b>	
<b>PM Peak</b>	<b>3:00 PM</b>	<b>9:00 PM</b>	<b>6:00 PM</b>	<b>3:15 PM</b>	<b>1:45 PM</b>	<b>6:15 PM</b>	<b>6:00 PM</b>
<b>Volume</b>	<b>5</b>	<b>4</b>	<b>416</b>	<b>15</b>	<b>13</b>	<b>2</b>	<b>431</b>
<b>Day Total</b>	<b>45</b>	<b>11</b>	<b>5757</b>	<b>173</b>	<b>172</b>	<b>9</b>	<b>6167</b>
<b>Percentage</b>	<b>0.73%</b>	<b>0.18%</b>	<b>93.35%</b>	<b>2.81%</b>	<b>2.79%</b>	<b>0.15%</b>	

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PDI File #: 239225 ATR-H

Count Date: Thursday, March 9, 2023  
 Direction: EB

AM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	3	0	0	0	3
12:15 AM	0	0	3	2	0	0	5
12:30 AM	0	0	2	0	0	0	2
12:45 AM	0	0	10	0	1	0	11
1:00 AM	0	0	3	1	0	0	4
1:15 AM	0	0	2	0	0	0	2
1:30 AM	0	0	3	0	0	0	3
1:45 AM	0	0	3	0	0	0	3
2:00 AM	0	0	1	0	0	0	1
2:15 AM	0	0	2	0	0	0	2
2:30 AM	0	0	1	0	0	0	1
2:45 AM	0	0	1	0	0	0	1
3:00 AM	0	0	2	0	0	0	2
3:15 AM	0	0	4	0	0	0	4
3:30 AM	0	0	3	0	0	0	3
3:45 AM	0	0	1	0	1	0	2
4:00 AM	0	0	4	0	1	0	5
4:15 AM	0	0	8	0	0	0	8
4:30 AM	0	0	5	0	1	0	6
4:45 AM	0	0	8	0	1	0	9
5:00 AM	0	0	16	0	5	0	21
5:15 AM	0	0	30	2	1	0	33
5:30 AM	0	0	39	2	0	0	41
5:45 AM	1	0	64	2	3	0	70
6:00 AM	0	1	51	1	2	0	55
6:15 AM	0	0	77	3	0	0	80
6:30 AM	0	0	105	3	4	1	113
6:45 AM	0	1	114	2	2	0	119
7:00 AM	0	0	109	3	4	0	116
7:15 AM	1	0	122	6	5	0	134
7:30 AM	1	0	164	3	8	0	176
7:45 AM	1	1	177	1	3	0	183
8:00 AM	0	0	133	4	1	0	138
8:15 AM	8	0	132	3	6	1	150
8:30 AM	0	1	122	4	5	0	132
8:45 AM	3	0	119	3	4	0	129
9:00 AM	0	0	125	3	5	0	133
9:15 AM	0	0	119	4	5	0	128
9:30 AM	0	0	122	2	5	0	129
9:45 AM	1	0	104	4	3	1	113
10:00 AM	0	0	88	3	7	0	98
10:15 AM	0	0	80	2	7	0	89
10:30 AM	1	0	86	2	3	0	92
10:45 AM	0	0	81	1	4	0	86
11:00 AM	0	0	71	5	5	0	81
11:15 AM	1	2	68	2	6	0	79
11:30 AM	1	0	60	4	4	0	69
11:45 AM	0	0	88	2	4	0	94

PM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	2	0	71	1	6	1	81
12:15 PM	1	0	69	1	3	1	75
12:30 PM	2	0	83	2	4	0	91
12:45 PM	3	0	76	2	2	0	83
1:00 PM	0	0	65	2	5	1	73
1:15 PM	1	0	64	3	2	0	70
1:30 PM	1	0	62	2	2	1	68
1:45 PM	2	0	67	2	2	0	73
2:00 PM	1	0	74	2	3	0	80
2:15 PM	0	0	86	4	2	0	92
2:30 PM	0	0	93	1	4	0	98
2:45 PM	0	0	112	1	1	0	114
3:00 PM	0	0	96	1	3	0	100
3:15 PM	0	0	80	5	2	1	88
3:30 PM	2	0	67	2	0	0	71
3:45 PM	0	0	94	6	2	0	102
4:00 PM	0	0	99	3	2	0	104
4:15 PM	2	0	84	2	0	0	88
4:30 PM	0	1	105	1	1	0	108
4:45 PM	0	0	88	3	0	0	91
5:00 PM	0	0	116	2	1	0	119
5:15 PM	2	0	85	3	1	0	91
5:30 PM	0	0	102	2	0	0	104
5:45 PM	0	0	131	3	1	0	135
6:00 PM	0	0	92	1	1	0	94
6:15 PM	0	0	94	3	2	0	99
6:30 PM	0	0	92	1	1	0	94
6:45 PM	0	0	93	2	1	0	96
7:00 PM	0	0	87	2	0	0	89
7:15 PM	0	0	55	1	1	0	57
7:30 PM	0	1	64	1	1	0	67
7:45 PM	0	0	54	3	0	0	57
8:00 PM	0	1	50	1	1	0	53
8:15 PM	0	0	26	2	0	0	28
8:30 PM	0	0	34	1	0	0	35
8:45 PM	0	0	34	2	0	0	36
9:00 PM	1	0	28	1	1	0	31
9:15 PM	0	1	39	1	1	0	42
9:30 PM	0	0	31	1	0	0	32
9:45 PM	1	0	27	2	0	0	30
10:00 PM	1	0	22	1	1	0	25
10:15 PM	0	0	20	1	0	0	21
10:30 PM	0	0	17	1	0	0	18
10:45 PM	0	0	13	1	0	0	14
11:00 PM	0	0	16	1	0	0	17
11:15 PM	0	0	7	1	0	0	8
11:30 PM	0	0	10	0	0	0	10
11:45 PM	0	0	7	1	0	0	8

<b>AM Total</b>	<b>19</b>	<b>6</b>	<b>2735</b>	<b>79</b>	<b>116</b>	<b>3</b>	<b>2958</b>
<b>Percentage</b>	<b>0.64%</b>	<b>0.20%</b>	<b>92.46%</b>	<b>2.67%</b>	<b>3.92%</b>	<b>0.10%</b>	
<b>AM Peak</b>	<b>8:00 AM</b>	<b>6:00 AM</b>	<b>7:30 AM</b>	<b>6:30 AM</b>	<b>9:30 AM</b>	<b>5:45 AM</b>	<b>7:30 AM</b>
<b>Volume</b>	<b>11</b>	<b>2</b>	<b>606</b>	<b>14</b>	<b>22</b>	<b>1</b>	<b>647</b>

<b>PM Total</b>	<b>22</b>	<b>4</b>	<b>3081</b>	<b>88</b>	<b>60</b>	<b>5</b>	<b>3260</b>
<b>Percentage</b>	<b>0.67%</b>	<b>0.12%</b>	<b>94.51%</b>	<b>2.70%</b>	<b>1.84%</b>	<b>0.15%</b>	
<b>PM Peak</b>	<b>12:00 PM</b>	<b>7:15 PM</b>	<b>5:00 PM</b>	<b>3:15 PM</b>	<b>12:00 PM</b>	<b>12:00 PM</b>	<b>5:00 PM</b>
<b>Volume</b>	<b>8</b>	<b>2</b>	<b>434</b>	<b>16</b>	<b>15</b>	<b>2</b>	<b>449</b>

<b>Day Total</b>	<b>41</b>	<b>10</b>	<b>5816</b>	<b>167</b>	<b>176</b>	<b>8</b>	<b>6218</b>
<b>Percentage</b>	<b>0.66%</b>	<b>0.16%</b>	<b>93.53%</b>	<b>2.69%</b>	<b>2.83%</b>	<b>0.13%</b>	

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PDI File #: 239225 ATR-H

Count Date: Wednesday, March 8, 2023  
 Direction: WB

AM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	9	1	0	0	10
12:15 AM	0	0	3	0	1	0	4
12:30 AM	0	0	4	2	1	0	7
12:45 AM	0	0	8	0	0	0	8
1:00 AM	0	0	6	0	0	0	6
1:15 AM	0	0	4	0	0	0	4
1:30 AM	0	0	4	1	2	0	7
1:45 AM	0	0	8	1	0	0	9
2:00 AM	0	0	2	0	1	1	4
2:15 AM	0	0	4	0	0	0	4
2:30 AM	0	0	1	0	0	0	1
2:45 AM	0	0	0	0	2	0	2
3:00 AM	0	0	1	0	0	0	1
3:15 AM	0	0	0	0	0	0	0
3:30 AM	0	0	4	0	0	0	4
3:45 AM	0	0	1	0	2	0	3
4:00 AM	0	0	3	0	2	0	5
4:15 AM	0	0	4	0	1	0	5
4:30 AM	0	0	2	1	0	0	3
4:45 AM	0	0	4	0	0	0	4
5:00 AM	0	0	5	2	0	0	7
5:15 AM	0	0	7	0	1	0	8
5:30 AM	0	0	10	0	0	1	11
5:45 AM	0	0	16	3	1	0	20
6:00 AM	0	0	13	2	1	0	16
6:15 AM	0	0	31	2	0	0	33
6:30 AM	0	0	19	4	3	0	26
6:45 AM	0	0	44	3	1	0	48
7:00 AM	0	0	56	6	5	0	67
7:15 AM	1	0	77	3	4	0	85
7:30 AM	0	0	90	6	3	0	99
7:45 AM	0	0	88	2	8	0	98
8:00 AM	0	0	118	2	1	0	121
8:15 AM	0	0	108	4	3	1	116
8:30 AM	0	1	95	1	4	0	101
8:45 AM	0	0	85	6	5	0	96
9:00 AM	0	0	90	3	3	0	96
9:15 AM	1	0	65	2	3	0	71
9:30 AM	0	0	62	2	5	0	69
9:45 AM	0	0	74	3	9	0	86
10:00 AM	0	0	66	1	2	0	69
10:15 AM	0	0	57	2	1	0	60
10:30 AM	0	0	89	1	6	0	96
10:45 AM	0	0	59	2	7	0	68
11:00 AM	1	1	54	2	4	0	62
11:15 AM	0	0	66	4	7	0	77
11:30 AM	0	0	75	1	3	0	79
11:45 AM	0	0	92	2	2	0	96

PM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	0	0	94	2	8	0	104
12:15 PM	1	1	79	4	3	0	88
12:30 PM	0	0	82	2	1	0	85
12:45 PM	0	0	114	3	5	0	122
1:00 PM	0	0	78	3	5	0	86
1:15 PM	0	0	68	2	4	1	75
1:30 PM	0	0	78	2	4	0	84
1:45 PM	1	0	93	3	5	0	102
2:00 PM	0	0	110	6	4	0	120
2:15 PM	1	1	87	5	3	0	97
2:30 PM	0	0	73	3	3	0	79
2:45 PM	0	0	120	3	3	0	126
3:00 PM	2	0	119	5	1	0	127
3:15 PM	3	0	132	6	3	0	144
3:30 PM	3	0	145	2	1	0	151
3:45 PM	0	0	162	4	2	0	168
4:00 PM	1	0	124	3	1	0	129
4:15 PM	0	0	135	2	0	0	137
4:30 PM	1	0	150	1	3	0	155
4:45 PM	0	0	139	2	1	0	142
5:00 PM	2	0	141	3	4	0	150
5:15 PM	0	0	153	3	2	0	158
5:30 PM	2	2	160	4	0	0	168
5:45 PM	2	1	133	4	1	0	141
6:00 PM	1	0	139	1	1	0	142
6:15 PM	0	0	139	3	0	1	143
6:30 PM	0	0	122	2	0	1	125
6:45 PM	1	0	107	1	1	0	110
7:00 PM	0	0	112	2	0	0	114
7:15 PM	0	0	96	2	1	1	100
7:30 PM	1	0	78	2	1	0	82
7:45 PM	1	0	83	0	1	1	86
8:00 PM	0	0	73	2	0	0	75
8:15 PM	0	0	66	1	0	0	67
8:30 PM	1	0	73	1	1	0	76
8:45 PM	0	0	67	0	0	1	68
9:00 PM	0	0	64	0	0	0	64
9:15 PM	0	0	72	0	2	0	74
9:30 PM	1	0	52	2	0	0	55
9:45 PM	1	0	42	2	0	0	45
10:00 PM	0	0	53	1	0	0	54
10:15 PM	0	0	43	1	1	0	45
10:30 PM	0	0	42	1	0	0	43
10:45 PM	0	0	34	1	0	0	35
11:00 PM	0	0	18	1	0	0	19
11:15 PM	0	0	28	1	2	0	31
11:30 PM	0	0	15	1	0	0	16
11:45 PM	0	0	13	0	0	0	13

<b>AM Total</b>	<b>3</b>	<b>2</b>	<b>1783</b>	<b>77</b>	<b>104</b>	<b>3</b>	<b>1972</b>
<b>Percentage</b>	<b>0.15%</b>	<b>0.10%</b>	<b>90.42%</b>	<b>3.90%</b>	<b>5.27%</b>	<b>0.15%</b>	
<b>AM Peak</b>	<b>6:30 AM</b>	<b>7:45 AM</b>	<b>7:45 AM</b>	<b>6:45 AM</b>	<b>10:30 AM</b>	<b>1:15 AM</b>	<b>7:45 AM</b>
<b>Volume</b>	<b>1</b>	<b>1</b>	<b>409</b>	<b>18</b>	<b>24</b>	<b>1</b>	<b>436</b>

<b>PM Total</b>	<b>26</b>	<b>5</b>	<b>4400</b>	<b>105</b>	<b>78</b>	<b>6</b>	<b>4620</b>
<b>Percentage</b>	<b>0.56%</b>	<b>0.11%</b>	<b>95.24%</b>	<b>2.27%</b>	<b>1.69%</b>	<b>0.13%</b>	
<b>PM Peak</b>	<b>2:45 PM</b>	<b>5:00 PM</b>	<b>4:45 PM</b>	<b>1:45 PM</b>	<b>12:45 PM</b>	<b>5:45 PM</b>	<b>4:45 PM</b>
<b>Volume</b>	<b>8</b>	<b>3</b>	<b>593</b>	<b>17</b>	<b>18</b>	<b>2</b>	<b>618</b>
<b>Day Total</b>	<b>29</b>	<b>7</b>	<b>6183</b>	<b>182</b>	<b>182</b>	<b>9</b>	<b>6592</b>
<b>Percentage</b>	<b>0.44%</b>	<b>0.11%</b>	<b>93.80%</b>	<b>2.76%</b>	<b>2.76%</b>	<b>0.14%</b>	

Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PDI File #: 239225 ATR-H

Count Date: Thursday, March 9, 2023  
 Direction: WB

AM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	19	1	0	0	20
12:15 AM	0	0	6	0	0	0	6
12:30 AM	0	0	5	2	0	0	7
12:45 AM	0	0	7	0	0	0	7
1:00 AM	0	0	5	0	1	0	6
1:15 AM	0	0	9	0	1	0	10
1:30 AM	0	0	11	1	0	0	12
1:45 AM	0	0	7	0	2	0	9
2:00 AM	1	0	3	0	0	0	4
2:15 AM	0	0	3	0	0	0	3
2:30 AM	0	0	6	0	0	0	6
2:45 AM	0	0	1	0	0	0	1
3:00 AM	0	0	1	0	1	0	2
3:15 AM	0	0	4	0	0	0	4
3:30 AM	0	0	2	0	1	0	3
3:45 AM	0	0	4	0	0	0	4
4:00 AM	0	0	3	0	0	0	3
4:15 AM	0	0	3	0	0	0	3
4:30 AM	0	0	3	1	0	0	4
4:45 AM	0	0	2	0	0	0	2
5:00 AM	0	0	12	1	0	0	13
5:15 AM	0	0	7	2	2	0	11
5:30 AM	0	0	10	1	3	1	15
5:45 AM	0	0	13	2	3	0	18
6:00 AM	0	0	22	2	1	0	25
6:15 AM	1	0	35	2	0	0	38
6:30 AM	0	0	17	3	2	0	22
6:45 AM	0	0	44	5	0	1	50
7:00 AM	0	0	67	3	2	0	72
7:15 AM	0	0	75	2	2	0	79
7:30 AM	0	0	91	5	5	0	101
7:45 AM	0	0	106	2	3	0	111
8:00 AM	0	0	100	3	1	0	104
8:15 AM	0	0	92	5	5	0	102
8:30 AM	0	0	86	2	5	0	93
8:45 AM	0	0	96	1	1	0	98
9:00 AM	0	0	71	3	1	0	75
9:15 AM	0	0	65	4	2	0	71
9:30 AM	0	0	71	3	5	0	79
9:45 AM	0	0	70	3	9	0	82
10:00 AM	0	1	61	1	7	0	70
10:15 AM	0	0	61	3	3	0	67
10:30 AM	0	0	78	3	2	0	83
10:45 AM	0	0	68	2	9	0	79
11:00 AM	0	0	78	1	4	0	83
11:15 AM	0	0	70	3	5	0	78
11:30 AM	0	0	76	1	8	0	85
11:45 AM	2	0	75	1	5	0	83

PM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	0	0	77	2	6	1	86
12:15 PM	0	0	75	2	6	0	83
12:30 PM	1	0	85	1	6	0	93
12:45 PM	1	0	79	1	1	1	83
1:00 PM	0	0	72	2	4	1	79
1:15 PM	0	0	84	1	3	0	88
1:30 PM	1	0	77	2	6	1	87
1:45 PM	0	0	102	2	4	1	109
2:00 PM	0	0	88	6	6	0	100
2:15 PM	2	0	99	2	4	0	107
2:30 PM	0	0	105	4	2	0	111
2:45 PM	0	0	121	1	8	0	130
3:00 PM	0	0	146	4	3	0	153
3:15 PM	0	1	104	6	4	0	115
3:30 PM	1	0	143	4	2	0	150
3:45 PM	0	0	137	2	2	0	141
4:00 PM	1	0	121	5	4	0	131
4:15 PM	0	0	150	5	2	0	157
4:30 PM	0	0	157	2	3	0	162
4:45 PM	0	0	131	2	1	0	134
5:00 PM	0	0	146	2	3	0	151
5:15 PM	0	0	153	1	2	0	156
5:30 PM	0	0	187	2	0	0	189
5:45 PM	2	0	129	2	1	0	134
6:00 PM	1	1	155	3	0	0	160
6:15 PM	0	0	140	3	4	0	147
6:30 PM	0	0	106	2	1	0	109
6:45 PM	1	0	93	1	2	0	97
7:00 PM	0	0	107	2	1	0	110
7:15 PM	0	0	89	1	1	1	92
7:30 PM	0	0	75	1	1	1	78
7:45 PM	2	0	84	1	0	0	87
8:00 PM	0	3	87	2	1	0	93
8:15 PM	1	1	55	0	1	0	58
8:30 PM	0	0	84	2	0	0	86
8:45 PM	0	0	79	1	0	0	80
9:00 PM	0	0	62	0	0	1	63
9:15 PM	0	0	63	0	2	0	65
9:30 PM	0	0	52	1	0	0	53
9:45 PM	0	1	44	1	0	0	46
10:00 PM	0	0	52	0	1	0	53
10:15 PM	0	0	56	1	0	0	57
10:30 PM	0	0	39	2	0	0	41
10:45 PM	0	0	34	1	0	0	35
11:00 PM	0	0	29	1	0	0	30
11:15 PM	0	0	29	0	0	0	29
11:30 PM	0	0	19	2	0	0	21
11:45 PM	1	0	32	0	0	0	33

<b>AM Total</b>	<b>4</b>	<b>1</b>	<b>1821</b>	<b>74</b>	<b>101</b>	<b>2</b>	<b>2003</b>
<b>Percentage</b>	<b>0.20%</b>	<b>0.05%</b>	<b>90.91%</b>	<b>3.69%</b>	<b>5.04%</b>	<b>0.10%</b>	
<b>AM Peak</b>	<b>11:00 AM</b>	<b>9:15 AM</b>	<b>7:30 AM</b>	<b>6:45 AM</b>	<b>10:45 AM</b>	<b>4:45 AM</b>	<b>7:30 AM</b>
<b>Volume</b>	<b>2</b>	<b>1</b>	<b>389</b>	<b>15</b>	<b>26</b>	<b>1</b>	<b>418</b>

<b>PM Total</b>	<b>15</b>	<b>7</b>	<b>4433</b>	<b>91</b>	<b>98</b>	<b>8</b>	<b>4652</b>
<b>Percentage</b>	<b>0.32%</b>	<b>0.15%</b>	<b>95.29%</b>	<b>1.96%</b>	<b>2.11%</b>	<b>0.17%</b>	
<b>PM Peak</b>	<b>1:30 PM</b>	<b>7:30 PM</b>	<b>5:15 PM</b>	<b>3:15 PM</b>	<b>1:30 PM</b>	<b>12:45 PM</b>	<b>5:15 PM</b>
<b>Volume</b>	<b>3</b>	<b>4</b>	<b>624</b>	<b>17</b>	<b>20</b>	<b>3</b>	<b>639</b>

<b>Day Total</b>	<b>19</b>	<b>8</b>	<b>6254</b>	<b>165</b>	<b>199</b>	<b>10</b>	<b>6655</b>
<b>Percentage</b>	<b>0.29%</b>	<b>0.12%</b>	<b>93.97%</b>	<b>2.48%</b>	<b>2.99%</b>	<b>0.15%</b>	

Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PRECISION  
 DATA  
 INDUSTRIES, LLC  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 Office: 508-875-0100 Fax: 508-875-0118

PDI File # 239225 ATR-H

Direction: EB

Weekly Report

Day Date	Wednesday 03/08/23		Thursday 03/09/23												Week Ave			
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM		
12:00	5	77	3	81	0	0	0	0	0	0	0	0	0	0	4	79		
12:15	4	68	5	75	0	0	0	0	0	0	0	0	0	0	5	72		
12:30	1	73	2	91	0	0	0	0	0	0	0	0	0	0	2	82		
12:45	1	95	11	83	0	0	0	0	0	0	0	0	0	0	6	89		
1:00	4	59	4	73	0	0	0	0	0	0	0	0	0	0	4	66		
1:15	2	86	2	70	0	0	0	0	0	0	0	0	0	0	2	78		
1:30	2	61	3	68	0	0	0	0	0	0	0	0	0	0	3	65		
1:45	1	89	3	73	0	0	0	0	0	0	0	0	0	0	2	81		
2:00	3	77	1	80	0	0	0	0	0	0	0	0	0	0	2	79		
2:15	0	80	2	92	0	0	0	0	0	0	0	0	0	0	1	86		
2:30	1	80	1	98	0	0	0	0	0	0	0	0	0	0	1	89		
2:45	4	102	1	114	0	0	0	0	0	0	0	0	0	0	3	108		
3:00	2	90	2	100	0	0	0	0	0	0	0	0	0	0	2	95		
3:15	1	78	4	88	0	0	0	0	0	0	0	0	0	0	3	83		
3:30	1	94	3	71	0	0	0	0	0	0	0	0	0	0	2	83		
3:45	2	94	2	102	0	0	0	0	0	0	0	0	0	0	2	98		
4:00	3	79	5	104	0	0	0	0	0	0	0	0	0	0	4	92		
4:15	6	90	8	88	0	0	0	0	0	0	0	0	0	0	7	89		
4:30	4	89	6	108	0	0	0	0	0	0	0	0	0	0	5	99		
4:45	11	89	9	91	0	0	0	0	0	0	0	0	0	0	10	90		
5:00	13	95	21	119	0	0	0	0	0	0	0	0	0	0	17	107		
5:15	40	130	33	91	0	0	0	0	0	0	0	0	0	0	37	111		
5:30	41	109	41	104	0	0	0	0	0	0	0	0	0	0	41	107		
5:45	83	91	70	135	0	0	0	0	0	0	0	0	0	0	77	113		
6:00	66	89	55	94	0	0	0	0	0	0	0	0	0	0	61	92		
6:15	77	116	80	99	0	0	0	0	0	0	0	0	0	0	79	108		
6:30	102	105	113	94	0	0	0	0	0	0	0	0	0	0	108	100		
6:45	122	121	119	96	0	0	0	0	0	0	0	0	0	0	121	109		
7:00	138	83	116	89	0	0	0	0	0	0	0	0	0	0	127	86		
7:15	137	71	134	57	0	0	0	0	0	0	0	0	0	0	136	64		
7:30	159	56	176	67	0	0	0	0	0	0	0	0	0	0	168	62		
7:45	176	58	183	57	0	0	0	0	0	0	0	0	0	0	180	58		
8:00	156	55	138	53	0	0	0	0	0	0	0	0	0	0	147	54		
8:15	152	34	150	28	0	0	0	0	0	0	0	0	0	0	151	31		
8:30	120	37	132	35	0	0	0	0	0	0	0	0	0	0	126	36		
8:45	111	36	129	36	0	0	0	0	0	0	0	0	0	0	120	36		
9:00	147	42	133	31	0	0	0	0	0	0	0	0	0	0	140	37		
9:15	111	36	128	42	0	0	0	0	0	0	0	0	0	0	120	39		
9:30	133	40	129	32	0	0	0	0	0	0	0	0	0	0	131	36		
9:45	129	16	113	30	0	0	0	0	0	0	0	0	0	0	121	23		
10:00	108	24	98	25	0	0	0	0	0	0	0	0	0	0	103	25		
10:15	105	16	89	21	0	0	0	0	0	0	0	0	0	0	97	19		
10:30	103	18	92	18	0	0	0	0	0	0	0	0	0	0	98	18		
10:45	84	17	86	14	0	0	0	0	0	0	0	0	0	0	85	16		
11:00	67	15	81	17	0	0	0	0	0	0	0	0	0	0	74	16		
11:15	75	13	79	8	0	0	0	0	0	0	0	0	0	0	77	11		
11:30	64	7	69	10	0	0	0	0	0	0	0	0	0	0	67	9		
11:45	99	11	94	8	0	0	0	0	0	0	0	0	0	0	97	10		
<b>Total</b>	<b>2976</b>	<b>3191</b>	<b>2958</b>	<b>3260</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>2967</b>	<b>3226</b>		
<b>Day Total</b>	<b>6167</b>		<b>6218</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>6193</b>			
<b>Peak HR</b>	<b>7:30 AM</b>	<b>6:00 PM</b>	<b>7:30 AM</b>	<b>5:00 PM</b>													<b>7:30 AM</b>	<b>5:00 PM</b>
<b>Volume</b>	<b>643</b>	<b>431</b>	<b>647</b>	<b>449</b>													<b>645</b>	<b>437</b>

Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PRECISION  
 DATA  
 INDUSTRIES, LLC  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 Office: 508-875-0100 Fax: 508-875-0118

PDI File # 239225 ATR-H

Direction: WB

Weekly Report

Day Date	Wednesday 03/08/23		Thursday 03/09/23												Week Ave			
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM		
12:00	10	104	20	86	0	0	0	0	0	0	0	0	0	0	15	95		
12:15	4	88	6	83	0	0	0	0	0	0	0	0	0	0	5	86		
12:30	7	85	7	93	0	0	0	0	0	0	0	0	0	0	7	89		
12:45	8	122	7	83	0	0	0	0	0	0	0	0	0	0	8	103		
1:00	6	86	6	79	0	0	0	0	0	0	0	0	0	0	6	83		
1:15	4	75	10	88	0	0	0	0	0	0	0	0	0	0	7	82		
1:30	7	84	12	87	0	0	0	0	0	0	0	0	0	0	10	86		
1:45	9	102	9	109	0	0	0	0	0	0	0	0	0	0	9	106		
2:00	4	120	4	100	0	0	0	0	0	0	0	0	0	0	4	110		
2:15	4	97	3	107	0	0	0	0	0	0	0	0	0	0	4	102		
2:30	1	79	6	111	0	0	0	0	0	0	0	0	0	0	4	95		
2:45	2	126	1	130	0	0	0	0	0	0	0	0	0	0	2	128		
3:00	1	127	2	153	0	0	0	0	0	0	0	0	0	0	2	140		
3:15	0	144	4	115	0	0	0	0	0	0	0	0	0	0	2	130		
3:30	4	151	3	150	0	0	0	0	0	0	0	0	0	0	4	151		
3:45	3	168	4	141	0	0	0	0	0	0	0	0	0	0	4	155		
4:00	5	129	3	131	0	0	0	0	0	0	0	0	0	0	4	130		
4:15	5	137	3	157	0	0	0	0	0	0	0	0	0	0	4	147		
4:30	3	155	4	162	0	0	0	0	0	0	0	0	0	0	4	159		
4:45	4	142	2	134	0	0	0	0	0	0	0	0	0	0	3	138		
5:00	7	150	13	151	0	0	0	0	0	0	0	0	0	0	10	151		
5:15	8	158	11	156	0	0	0	0	0	0	0	0	0	0	10	157		
5:30	11	168	15	189	0	0	0	0	0	0	0	0	0	0	13	179		
5:45	20	141	18	134	0	0	0	0	0	0	0	0	0	0	19	138		
6:00	16	142	25	160	0	0	0	0	0	0	0	0	0	0	21	151		
6:15	33	143	38	147	0	0	0	0	0	0	0	0	0	0	36	145		
6:30	26	125	22	109	0	0	0	0	0	0	0	0	0	0	24	117		
6:45	48	110	50	97	0	0	0	0	0	0	0	0	0	0	49	104		
7:00	67	114	72	110	0	0	0	0	0	0	0	0	0	0	70	112		
7:15	85	100	79	92	0	0	0	0	0	0	0	0	0	0	82	96		
7:30	99	82	101	78	0	0	0	0	0	0	0	0	0	0	100	80		
7:45	98	86	111	87	0	0	0	0	0	0	0	0	0	0	105	87		
8:00	121	75	104	93	0	0	0	0	0	0	0	0	0	0	113	84		
8:15	116	67	102	58	0	0	0	0	0	0	0	0	0	0	109	63		
8:30	101	76	93	86	0	0	0	0	0	0	0	0	0	0	97	81		
8:45	96	68	98	80	0	0	0	0	0	0	0	0	0	0	97	74		
9:00	96	64	75	63	0	0	0	0	0	0	0	0	0	0	86	64		
9:15	71	74	71	65	0	0	0	0	0	0	0	0	0	0	71	70		
9:30	69	55	79	53	0	0	0	0	0	0	0	0	0	0	74	54		
9:45	86	45	82	46	0	0	0	0	0	0	0	0	0	0	84	46		
10:00	69	54	70	53	0	0	0	0	0	0	0	0	0	0	70	54		
10:15	60	45	67	57	0	0	0	0	0	0	0	0	0	0	64	51		
10:30	96	43	83	41	0	0	0	0	0	0	0	0	0	0	90	42		
10:45	68	35	79	35	0	0	0	0	0	0	0	0	0	0	74	35		
11:00	62	19	83	30	0	0	0	0	0	0	0	0	0	0	73	25		
11:15	77	31	78	29	0	0	0	0	0	0	0	0	0	0	78	30		
11:30	79	16	85	21	0	0	0	0	0	0	0	0	0	0	82	19		
11:45	96	13	83	33	0	0	0	0	0	0	0	0	0	0	90	23		
<b>Total</b>	<b>1972</b>	<b>4620</b>	<b>2003</b>	<b>4652</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>1988</b>	<b>4636</b>		
<b>Day Total</b>	<b>6592</b>		<b>6655</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>6624</b>			
<b>Peak HR</b>	<b>7:45 AM</b>	<b>4:45 PM</b>	<b>7:30 AM</b>	<b>5:15 PM</b>													<b>7:30 AM</b>	<b>4:45 PM</b>
<b>Volume</b>	<b>436</b>	<b>618</b>	<b>418</b>	<b>639</b>													<b>426</b>	<b>624</b>

Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PDI File #: 239225 ATR-H (Speed)

Count Date  
 Wednesday, March 8, 2023

Speed (60-minute)

EB																
Start Time:	0 to 6	7 to 9	10 to 12	13 to 15	16 to 18	19 to 21	22 to 24	25 to 27	28 to 30	31 to 33	34 to 36	37 to 39	40+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	0	0	0	4	4	1	1	0	1	11	33.0	29.9
1:00 AM	0	0	0	0	0	1	0	2	3	2	0	0	1	9	31.8	30.7
2:00 AM	0	0	0	0	0	0	0	3	2	1	1	1	0	8	34.9	29.9
3:00 AM	0	0	0	0	0	0	0	3	0	2	0	1	0	6	33.5	29.8
4:00 AM	0	0	0	0	0	0	0	3	3	11	4	0	1	22	34.0	31.6
5:00 AM	0	0	0	0	0	0	1	15	47	68	28	8	3	170	34.0	31.6
6:00 AM	0	2	0	2	0	5	26	69	114	58	20	4	1	301	32.0	28.5
7:00 AM	1	1	1	3	23	45	92	91	53	24	10	1	2	347	29.0	24.9
8:00 AM	3	1	2	2	12	50	54	82	41	19	1	1	0	268	29.0	24.4
9:00 AM	0	1	2	0	1	13	59	123	124	49	10	2	3	387	31.0	27.4
10:00 AM	1	2	2	1	0	8	45	96	108	34	9	2	0	308	30.0	27.1
11:00 AM	2	3	0	0	4	4	43	86	67	21	9	1	0	240	30.0	26.6
12:00 PM	1	1	3	0	1	7	44	66	70	30	2	2	5	232	31.0	27.1
1:00 PM	1	0	0	0	1	9	41	70	55	34	12	1	0	224	31.0	27.2
2:00 PM	0	0	0	2	5	25	43	43	12	6	0	0	3	139	27.3	24.5
3:00 PM	2	1	0	1	3	16	43	38	35	19	5	1	3	167	31.0	26.3
4:00 PM	0	2	0	0	4	9	33	76	51	16	3	1	2	197	30.0	26.6
5:00 PM	0	0	1	1	3	4	44	64	35	10	2	0	1	165	29.4	26.0
6:00 PM	1	1	1	0	1	15	74	94	40	32	3	0	3	265	30.0	26.1
7:00 PM	3	1	1	0	1	11	44	60	61	14	2	2	3	203	30.0	26.5
8:00 PM	1	0	0	1	1	1	13	34	40	17	4	2	1	115	32.0	27.9
9:00 PM	0	2	0	1	0	2	21	28	36	14	5	2	2	113	31.0	27.9
10:00 PM	0	1	1	0	1	1	8	10	22	18	4	0	1	67	32.0	28.2
11:00 PM	0	0	1	1	0	1	3	9	7	13	4	3	1	43	34.7	29.3
Total	16	19	15	15	61	227	731	1169	1030	513	139	35	37	4007	31.0	26.9
Percent	0.40%	0.47%	0.37%	0.37%	1.52%	5.67%	18.24%	29.17%	25.71%	12.80%	3.47%	0.87%	0.92%			

AM Peak	8:00 AM	11:00 AM	8:00 AM	7:00 AM	7:00 AM	8:00 AM	7:00 AM	9:00 AM	9:00 AM	5:00 AM	5:00 AM	5:00 AM	5:00 AM	9:00 AM
Volume	3	3	2	3	23	50	92	123	124	68	28	8	3	387
PM Peak	7:00 PM	4:00 PM	12:00 PM	2:00 PM	2:00 PM	2:00 PM	6:00 PM	6:00 PM	12:00 PM	1:00 PM	1:00 PM	11:00 PM	12:00 PM	6:00 PM
Volume	3	2	3	2	5	25	74	94	70	34	12	3	5	265

15th Percentile:	23.0 MPH	Average Speed:	26.9 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	27.0 MPH	10 MPH Pace:	23 to 32 MPH	Number of Vehicles > 25 MPH:	2564
85th Percentile:	31.0 MPH	Number in Pace:	3203	Percent of Vehicles > 25 MPH:	64.0%
95th Percentile:	34.0 MPH	Percent in Pace:	79.9%		

Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PDI File #: 239225 ATR-H (Speed)

Count Date  
 Wednesday, March 8, 2023

Speed (60-minute)

WB																
Start Time:	0 to 6	7 to 9	10 to 12	13 to 15	16 to 18	19 to 21	22 to 24	25 to 27	28 to 30	31 to 33	34 to 36	37 to 39	40+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	1	1	1	6	8	7	0	1	3	28	33.0	30.0
1:00 AM	0	0	0	0	1	0	0	7	8	5	2	1	2	26	34.3	30.5
2:00 AM	0	0	0	0	0	1	3	2	3	2	0	2	0	13	33.0	28.2
3:00 AM	0	0	0	0	0	0	0	0	0	1	3	3	1	8	39.0	36.8
4:00 AM	0	0	0	0	0	3	1	1	1	4	4	2	1	17	36.6	31.2
5:00 AM	0	0	0	0	1	0	4	3	15	12	7	1	4	47	35.1	31.1
6:00 AM	0	0	0	0	2	4	7	22	25	32	15	2	7	116	34.8	30.1
7:00 AM	0	2	9	19	25	31	65	40	37	23	5	7	3	266	30.0	23.9
8:00 AM	2	1	5	14	33	55	77	78	29	19	4	4	6	327	29.0	23.8
9:00 AM	0	0	0	3	3	32	51	64	67	31	7	3	3	264	31.0	26.5
10:00 AM	2	0	1	8	10	11	47	59	46	58	10	4	3	259	32.0	26.8
11:00 AM	0	0	0	5	15	24	57	72	59	29	9	3	2	275	31.0	25.9
12:00 PM	0	1	3	13	18	54	53	80	74	25	8	1	1	331	30.0	24.9
1:00 PM	0	0	1	3	7	27	82	64	54	26	13	6	5	288	31.0	26.3
2:00 PM	5	9	24	32	51	42	49	38	20	11	2	0	3	286	27.0	20.0
3:00 PM	0	3	7	16	66	66	92	74	47	19	9	1	3	403	28.0	23.0
4:00 PM	1	2	7	19	33	82	94	70	69	58	7	1	3	446	31.0	24.2
5:00 PM	1	9	32	56	64	66	82	45	28	11	8	3	3	408	26.0	20.5
6:00 PM	1	1	6	12	35	76	118	86	42	26	7	0	1	411	28.0	23.5
7:00 PM	1	1	1	2	9	32	77	99	71	31	9	3	4	340	30.0	25.9
8:00 PM	0	1	0	1	6	19	51	74	72	25	8	1	0	258	30.0	26.3
9:00 PM	0	0	0	1	5	21	32	62	59	23	3	4	2	212	30.4	26.6
10:00 PM	0	0	0	0	3	5	14	39	47	41	13	3	2	167	32.0	28.9
11:00 PM	0	0	0	0	0	1	6	14	26	21	9	0	3	80	33.2	29.8
Total	13	30	96	204	388	653	1063	1099	907	540	162	56	65	5276	31.0	24.8
Percent	0.25%	0.57%	1.82%	3.87%	7.35%	12.38%	20.15%	20.83%	17.19%	10.24%	3.07%	1.06%	1.23%			

AM Peak	8:00 AM	7:00 AM	7:00 AM	7:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	9:00 AM	10:00 AM	6:00 AM	7:00 AM	6:00 AM	8:00 AM
Volume	2	2	9	19	33	55	77	78	67	58	15	7	7	327
PM Peak	2:00 PM	2:00 PM	5:00 PM	5:00 PM	3:00 PM	4:00 PM	6:00 PM	7:00 PM	12:00 PM	4:00 PM	1:00 PM	1:00 PM	1:00 PM	4:00 PM
Volume	5	9	32	56	66	82	118	99	74	58	13	6	5	446

15th Percentile:	19.0 MPH	Average Speed:	24.8 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	25.0 MPH	10 MPH Pace:	22 to 31 MPH	Number of Vehicles > 25 MPH:	2455
85th Percentile:	31.0 MPH	Number in Pace:	3314	Percent of Vehicles > 25 MPH:	46.5%
95th Percentile:	34.0 MPH	Percent in Pace:	62.8%		



Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PDI File #: 239225 ATR-H (Speed)

Count Date  
 Wednesday, March 8, 2023

**Speed (60-minute)**

**Combined EB and WB**

Start Time:	0 to 6	7 to 9	10 to 12	13 to 15	16 to 18	19 to 21	22 to 24	25 to 27	28 to 30	31 to 33	34 to 36	37 to 39	40+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	1	1	1	10	12	8	1	1	4	39	33.3	30.0
1:00 AM	0	0	0	0	1	1	0	9	11	7	2	1	3	35	33.9	30.5
2:00 AM	0	0	0	0	0	1	3	5	5	3	1	3	0	21	35.0	28.8
3:00 AM	0	0	0	0	0	0	0	3	0	3	3	4	1	14	39.0	33.8
4:00 AM	0	0	0	0	0	3	1	4	4	15	8	2	2	39	35.3	31.4
5:00 AM	0	0	0	0	1	0	5	18	62	80	35	9	7	217	34.6	31.5
6:00 AM	0	2	0	2	2	9	33	91	139	90	35	6	8	417	33.0	29.0
7:00 AM	1	3	10	22	48	76	157	131	90	47	15	8	5	613	30.0	24.4
8:00 AM	5	2	7	16	45	105	131	160	70	38	5	5	6	595	29.0	24.1
9:00 AM	0	1	2	3	4	45	110	187	191	80	17	5	6	651	31.0	27.0
10:00 AM	3	2	3	9	10	19	92	155	154	92	19	6	3	567	31.0	27.0
11:00 AM	2	3	0	5	19	28	100	158	126	50	18	4	2	515	30.0	26.2
12:00 PM	1	2	6	13	19	61	97	146	144	55	10	3	6	563	30.0	25.8
1:00 PM	1	0	1	3	8	36	123	134	109	60	25	7	5	512	31.0	26.7
2:00 PM	5	9	24	34	56	67	92	81	32	17	2	0	6	425	27.0	21.5
3:00 PM	2	4	7	17	69	82	135	112	82	38	14	2	6	570	29.0	23.9
4:00 PM	1	4	7	19	37	91	127	146	120	74	10	2	5	643	30.0	25.0
5:00 PM	1	9	33	57	67	70	126	109	63	21	10	3	4	573	28.0	22.1
6:00 PM	2	2	7	12	36	91	192	180	82	58	10	0	4	676	29.0	24.5
7:00 PM	4	2	2	2	10	43	121	159	132	45	11	5	7	543	30.0	26.1
8:00 PM	1	1	0	2	7	20	64	108	112	42	12	3	1	373	31.0	26.8
9:00 PM	0	2	0	2	5	23	53	90	95	37	8	6	4	325	31.0	27.1
10:00 PM	0	1	1	0	4	6	22	49	69	59	17	3	3	234	32.0	28.7
11:00 PM	0	0	1	1	0	2	9	23	33	34	13	3	4	123	34.0	29.7
<b>Total</b>	<b>29</b>	<b>49</b>	<b>111</b>	<b>219</b>	<b>449</b>	<b>880</b>	<b>1794</b>	<b>2268</b>	<b>1937</b>	<b>1053</b>	<b>301</b>	<b>91</b>	<b>102</b>	<b>9283</b>	<b>31.0</b>	<b>25.7</b>
<b>Percent</b>	<b>0.31%</b>	<b>0.53%</b>	<b>1.20%</b>	<b>2.36%</b>	<b>4.84%</b>	<b>9.48%</b>	<b>19.33%</b>	<b>24.43%</b>	<b>20.87%</b>	<b>11.34%</b>	<b>3.24%</b>	<b>0.98%</b>	<b>1.10%</b>			

AM Peak	8:00 AM	7:00 AM	7:00 AM	7:00 AM	7:00 AM	8:00 AM	7:00 AM	9:00 AM	9:00 AM	10:00 AM	5:00 AM	5:00 AM	6:00 AM	9:00 AM		
Volume	5	3	10	22	48	105	157	187	191	92	35	9	8	651		
PM Peak	2:00 PM	2:00 PM	5:00 PM	5:00 PM	3:00 PM	4:00 PM	6:00 PM	6:00 PM	12:00 PM	4:00 PM	1:00 PM	1:00 PM	7:00 PM	6:00 PM		
Volume	5	9	33	57	69	91	192	180	144	74	25	7	7	676		

15th Percentile:	21.0 MPH	Average Speed:	25.7 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	26.0 MPH	10 MPH Pace:	22 to 31 MPH	Number of Vehicles > 25 MPH:	5019
85th Percentile:	31.0 MPH	Number in Pace:	6476	Percent of Vehicles > 25 MPH:	54.1%
95th Percentile:	34.0 MPH	Percent in Pace:	69.8%		

Concord Avenue  
just west of Buckingham Street  
City, State: Cambridge, MA

Client: Toole Design/ M. Danila  
Site Code: 00BOS.06085.07 Task 8



PDI File #: 239225 ATR-H (Speed)

Count Date  
Thursday, March 9, 2023

Speed (60-minute)

EB																
Start Time:	0 to 6	7 to 9	10 to 12	13 to 15	16 to 18	19 to 21	22 to 24	25 to 27	28 to 30	31 to 33	34 to 36	37 to 39	40+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	0	1	5	4	3	5	2	0	0	20	32.2	28.0
1:00 AM	0	0	0	0	0	1	0	3	6	1	2	0	0	13	31.6	28.8
2:00 AM	0	0	0	0	0	0	0	0	2	2	0	1	0	5	33.4	31.4
3:00 AM	0	0	0	0	0	0	1	2	3	2	1	1	0	10	34.3	30.3
4:00 AM	0	0	0	0	0	0	1	5	8	8	1	2	4	29	38.0	32.7
5:00 AM	0	0	1	2	0	1	4	16	37	53	29	9	0	152	35.0	30.9
6:00 AM	0	0	1	1	0	1	12	59	107	79	23	5	4	292	33.0	29.7
7:00 AM	1	2	1	6	7	40	66	94	58	34	5	3	3	320	30.0	25.6
8:00 AM	2	0	3	0	3	27	77	122	75	26	2	1	1	339	29.0	25.8
9:00 AM	1	1	1	1	1	19	73	124	112	40	7	0	3	383	30.0	26.8
10:00 AM	3	0	0	2	0	5	39	90	71	22	8	0	2	242	30.0	26.9
11:00 AM	1	1	1	1	0	2	36	81	61	24	7	0	4	219	31.0	27.3
12:00 PM	3	2	0	0	4	8	53	71	58	17	9	0	2	227	30.0	26.3
1:00 PM	1	0	2	0	1	15	32	67	59	27	8	1	1	214	31.0	26.9
2:00 PM	1	0	2	4	7	32	56	33	7	0	3	0	3	148	27.0	23.3
3:00 PM	1	0	1	1	1	10	46	45	43	20	7	0	1	176	31.0	26.4
4:00 PM	1	2	1	2	5	19	48	56	30	22	6	1	3	196	31.0	25.9
5:00 PM	0	1	1	3	3	11	46	56	29	6	1	1	0	158	29.0	25.0
6:00 PM	0	1	0	2	2	9	52	59	34	9	3	1	2	174	29.0	26.0
7:00 PM	0	0	1	0	1	7	36	71	51	18	6	0	2	193	30.0	26.9
8:00 PM	0	0	0	1	0	2	17	42	31	11	2	1	0	107	30.0	27.0
9:00 PM	0	0	0	0	0	0	5	31	41	17	7	5	0	106	32.0	29.2
10:00 PM	0	0	0	0	1	1	7	19	15	11	2	4	2	62	33.0	28.7
11:00 PM	0	0	0	0	0	0	3	10	12	11	3	1	2	42	33.0	30.0
Total	15	10	16	26	36	211	715	1160	953	465	144	37	39	3827	31.0	26.9
Percent	0.39%	0.26%	0.42%	0.68%	0.94%	5.51%	18.68%	30.31%	24.90%	12.15%	3.76%	0.97%	1.02%			

AM Peak	10:00 AM	7:00 AM	8:00 AM	7:00 AM	7:00 AM	7:00 AM	8:00 AM	9:00 AM	9:00 AM	6:00 AM	5:00 AM	5:00 AM	4:00 AM	9:00 AM
Volume	3	2	3	6	7	40	77	124	112	79	29	9	4	383
PM Peak	12:00 PM	12:00 PM	1:00 PM	2:00 PM	2:00 PM	2:00 PM	2:00 PM	12:00 PM	1:00 PM	1:00 PM	12:00 PM	9:00 PM	2:00 PM	12:00 PM
Volume	3	2	2	4	7	32	56	71	59	27	9	5	3	227

15th Percentile:	23.0 MPH	Average Speed:	26.9 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	27.0 MPH	10 MPH Pace:	22 to 31 MPH	Number of Vehicles > 25 MPH:	2441
85th Percentile:	31.0 MPH	Number in Pace:	3052	Percent of Vehicles > 25 MPH:	63.8%
95th Percentile:	34.0 MPH	Percent in Pace:	79.7%		

Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PDI File #: 239225 ATR-H (Speed)

Count Date  
 Thursday, March 9, 2023

Speed (60-minute)

WB																
Start Time:	0 to 6	7 to 9	10 to 12	13 to 15	16 to 18	19 to 21	22 to 24	25 to 27	28 to 30	31 to 33	34 to 36	37 to 39	40+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	2	2	5	5	11	9	3	1	1	39	32.3	28.6
1:00 AM	0	0	0	0	1	1	1	7	12	6	5	3	1	37	34.6	30.1
2:00 AM	0	0	0	0	0	1	1	4	2	4	1	0	1	14	33.1	29.4
3:00 AM	0	0	0	0	0	0	1	1	3	1	5	1	1	13	36.2	32.2
4:00 AM	0	0	0	0	0	1	0	1	3	2	2	2	1	12	37.0	32.0
5:00 AM	0	0	0	0	0	3	4	8	12	18	5	3	3	56	34.8	30.3
6:00 AM	0	0	0	0	0	4	14	14	33	28	15	6	6	120	35.0	30.4
7:00 AM	3	2	13	28	39	38	38	35	30	31	8	2	4	271	31.0	22.7
8:00 AM	1	1	2	21	24	37	76	70	51	23	7	2	3	318	29.5	24.4
9:00 AM	0	0	1	3	7	47	60	57	52	26	16	3	5	277	31.0	26.1
10:00 AM	0	0	1	4	4	10	38	80	64	32	16	4	1	254	32.0	27.2
11:00 AM	0	0	4	3	5	30	50	63	65	39	6	5	4	274	31.0	26.4
12:00 PM	1	1	6	11	17	40	58	56	43	36	3	2	3	277	31.0	24.7
1:00 PM	0	0	3	6	12	43	57	73	64	26	10	3	3	300	30.0	25.6
2:00 PM	5	10	20	25	31	53	58	38	18	20	5	2	3	288	28.0	21.4
3:00 PM	2	2	6	26	43	63	94	80	52	25	10	3	7	413	29.0	23.6
4:00 PM	2	2	12	29	48	74	78	94	62	27	3	0	2	433	29.0	23.0
5:00 PM	6	12	31	70	49	77	56	51	26	5	2	0	3	388	26.0	19.5
6:00 PM	5	7	14	32	48	65	64	70	34	7	2	0	2	350	27.0	21.3
7:00 PM	0	1	4	4	17	28	67	61	76	40	8	2	0	308	31.0	25.7
8:00 PM	0	0	0	1	6	34	53	55	69	39	9	5	0	271	31.0	26.6
9:00 PM	0	1	0	0	7	12	30	54	61	36	5	2	0	208	31.0	27.0
10:00 PM	0	0	0	0	0	11	21	35	56	32	17	5	2	179	33.0	28.6
11:00 PM	0	0	0	1	1	1	15	22	31	26	10	5	3	115	33.9	29.3
Total	25	39	117	264	361	675	939	1034	930	538	173	61	59	5215	31.0	24.7
Percent	0.48%	0.75%	2.24%	5.06%	6.92%	12.94%	18.01%	19.83%	17.83%	10.32%	3.32%	1.17%	1.13%			

AM Peak	7:00 AM	7:00 AM	7:00 AM	7:00 AM	7:00 AM	9:00 AM	8:00 AM	10:00 AM	11:00 AM	11:00 AM	9:00 AM	6:00 AM	6:00 AM	8:00 AM
Volume	3	2	13	28	39	47	76	80	65	39	16	6	6	318
PM Peak	5:00 PM	5:00 PM	5:00 PM	5:00 PM	5:00 PM	5:00 PM	3:00 PM	4:00 PM	7:00 PM	7:00 PM	10:00 PM	8:00 PM	3:00 PM	4:00 PM
Volume	6	12	31	70	49	77	94	94	76	40	17	5	7	433

15th Percentile:	18.0 MPH	Average Speed:	24.7 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	25.0 MPH	10 MPH Pace:	21 to 30 MPH	Number of Vehicles > 25 MPH:	2428
85th Percentile:	31.0 MPH	Number in Pace:	3156	Percent of Vehicles > 25 MPH:	46.6%
95th Percentile:	34.0 MPH	Percent in Pace:	60.5%		

Concord Avenue  
 just west of Buckingham Street  
 City, State: Cambridge, MA  
 Client: Toole Design/ M. Danila  
 Site Code: 00BOS.06085.07 Task 8



PDI File #: 239225 ATR-H (Speed)

Count Date  
 Thursday, March 9, 2023

**Speed (60-minute)**  
**Combined EB and WB**

Start Time:	0 to 6	7 to 9	10 to 12	13 to 15	16 to 18	19 to 21	22 to 24	25 to 27	28 to 30	31 to 33	34 to 36	37 to 39	40+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	2	3	10	9	14	14	5	1	1	59	32.3	28.4
1:00 AM	0	0	0	0	1	2	1	10	18	7	7	3	1	50	34.0	29.7
2:00 AM	0	0	0	0	0	1	1	4	4	6	1	1	1	19	33.3	29.9
3:00 AM	0	0	0	0	0	0	2	3	6	3	6	2	1	23	35.7	31.3
4:00 AM	0	0	0	0	0	1	1	6	11	10	3	4	5	41	38.0	32.5
5:00 AM	0	0	1	2	0	4	8	24	49	71	34	12	3	208	35.0	30.7
6:00 AM	0	0	1	1	0	5	26	73	140	107	38	11	10	412	33.0	29.9
7:00 AM	4	4	14	34	46	78	104	129	88	65	13	5	7	591	31.0	24.3
8:00 AM	3	1	5	21	27	64	153	192	126	49	9	3	4	657	29.0	25.1
9:00 AM	1	1	2	4	8	66	133	181	164	66	23	3	8	660	31.0	26.5
10:00 AM	3	0	1	6	4	15	77	170	135	54	24	4	3	496	31.0	27.1
11:00 AM	1	1	5	4	5	32	86	144	126	63	13	5	8	493	31.0	26.8
12:00 PM	4	3	6	11	21	48	111	127	101	53	12	2	5	504	30.0	25.4
1:00 PM	1	0	5	6	13	58	89	140	123	53	18	4	4	514	31.0	26.1
2:00 PM	6	10	22	29	38	85	114	71	25	20	8	2	6	436	27.0	22.0
3:00 PM	3	2	7	27	44	73	140	125	95	45	17	3	8	589	30.0	24.4
4:00 PM	3	4	13	31	53	93	126	150	92	49	9	1	5	629	29.0	23.9
5:00 PM	6	13	32	73	52	88	102	107	55	11	3	1	3	546	27.0	21.1
6:00 PM	5	8	14	34	50	74	116	129	68	16	5	1	4	524	28.0	22.8
7:00 PM	0	1	5	4	18	35	103	132	127	58	14	2	2	501	31.0	26.2
8:00 PM	0	0	0	2	6	36	70	97	100	50	11	6	0	378	31.0	26.8
9:00 PM	0	1	0	0	7	12	35	85	102	53	12	7	0	314	32.0	27.7
10:00 PM	0	0	0	0	1	12	28	54	71	43	19	9	4	241	33.0	28.7
11:00 PM	0	0	0	1	1	1	18	32	43	37	13	6	5	157	33.6	29.5
Total	40	49	133	290	397	886	1654	2194	1883	1003	317	98	98	9042	31.0	25.6
Percent	0.44%	0.54%	1.47%	3.21%	4.39%	9.80%	18.29%	24.26%	20.83%	11.09%	3.51%	1.08%	1.08%			

AM Peak	7:00 AM	7:00 AM	7:00 AM	7:00 AM	7:00 AM	7:00 AM	8:00 AM	8:00 AM	9:00 AM	6:00 AM	6:00 AM	5:00 AM	6:00 AM	9:00 AM		
Volume	4	4	14	34	46	78	153	192	164	107	38	12	10	660		
PM Peak	2:00 PM	5:00 PM	5:00 PM	5:00 PM	4:00 PM	4:00 PM	3:00 PM	4:00 PM	7:00 PM	7:00 PM	10:00 PM	10:00 PM	3:00 PM	4:00 PM		
Volume	6	13	32	73	53	93	140	150	127	58	19	9	8	629		

15th Percentile:	20.0 MPH	Average Speed:	25.6 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	26.0 MPH	10 MPH Pace:	22 to 31 MPH	Number of Vehicles > 25 MPH:	4869
85th Percentile:	31.0 MPH	Number in Pace:	6169	Percent of Vehicles > 25 MPH:	53.8%
95th Percentile:	34.0 MPH	Percent in Pace:	68.2%		