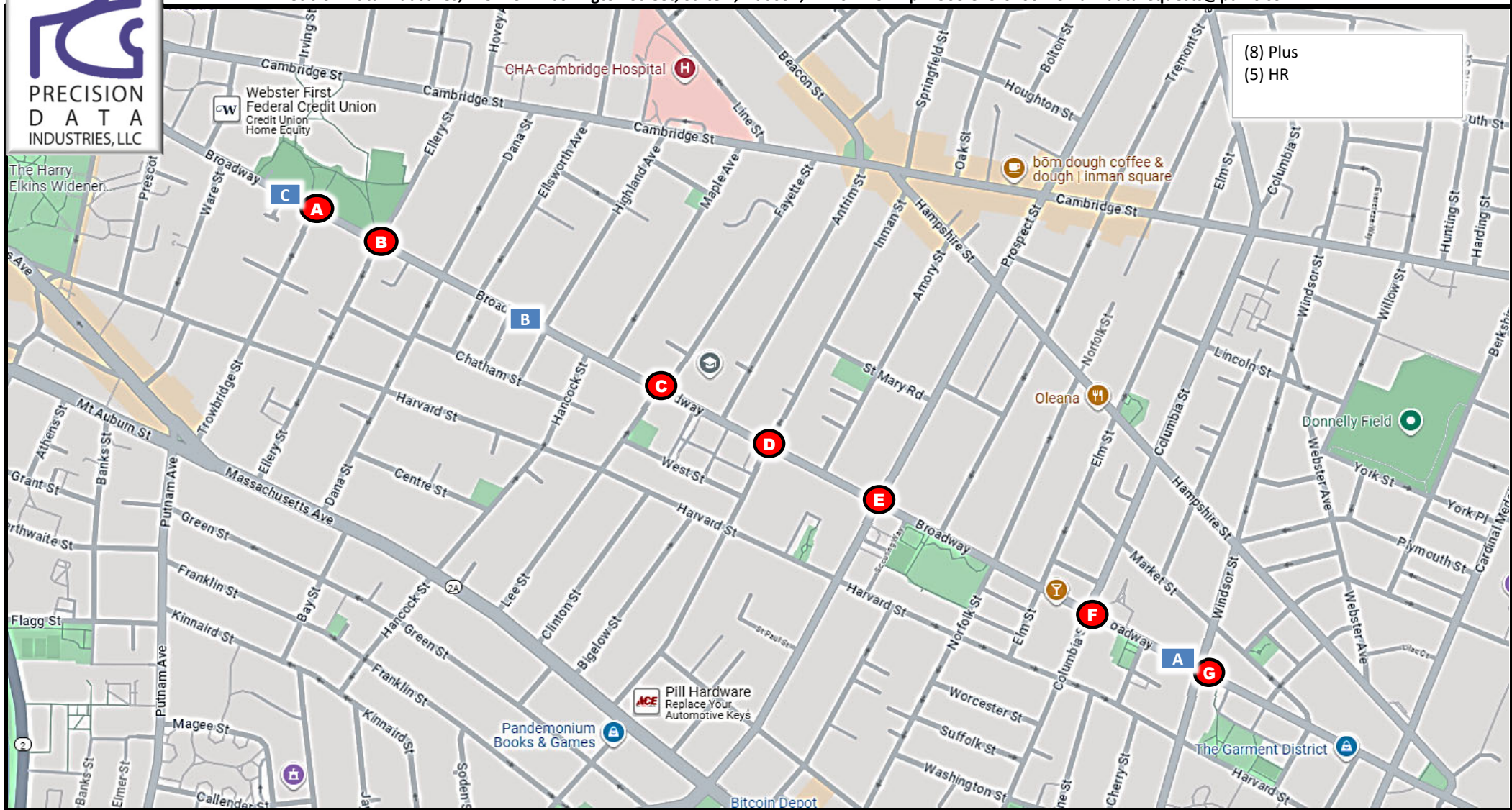




# Location Map: 240156 Cambridge, MA

Precision Data Industries, LLC 157 Washington Street, Suite 2, Hudson, MA 01749 ph: 508-875-0100 email: datarequests@pdillc.com

(8) Plus  
(5) HR



|                             |                                |                                 |   |                            |                                      |
|-----------------------------|--------------------------------|---------------------------------|---|----------------------------|--------------------------------------|
| <b>Client:</b><br>Kittelson | <b>Engineer:</b><br>M. Sanders | <b>Site Code:</b><br>274770.007 | <b>Date:</b><br>Tuesday 9/10/24- Thursday 9/12/24 | <b>PDI Job #</b><br>240156 | <b>City, State:</b><br>Cambridge, MA |
|-----------------------------|--------------------------------|---------------------------------|---|----------------------------|--------------------------------------|

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR A**

**Count Date: Tuesday, September 10, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 1        | 0          | 12                 | 0     | 0                 | 0                | 13    |
| 12:15 AM | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 12:30 AM | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 12:45 AM | 0        | 0          | 4                  | 1     | 0                 | 0                | 5     |
| 1:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 1:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 1:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 1:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:00 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 2:15 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 2:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 2:45 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:15 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 3:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 4:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:30 AM  | 0        | 0          | 8                  | 0     | 0                 | 0                | 8     |
| 4:45 AM  | 0        | 0          | 13                 | 0     | 0                 | 0                | 13    |
| 5:00 AM  | 0        | 0          | 11                 | 0     | 1                 | 0                | 12    |
| 5:15 AM  | 0        | 0          | 14                 | 0     | 0                 | 0                | 14    |
| 5:30 AM  | 1        | 1          | 27                 | 0     | 1                 | 0                | 30    |
| 5:45 AM  | 1        | 0          | 43                 | 1     | 3                 | 0                | 48    |
| 6:00 AM  | 5        | 0          | 48                 | 1     | 2                 | 0                | 56    |
| 6:15 AM  | 3        | 0          | 57                 | 1     | 1                 | 0                | 62    |
| 6:30 AM  | 5        | 0          | 61                 | 2     | 1                 | 0                | 69    |
| 6:45 AM  | 3        | 1          | 81                 | 1     | 1                 | 1                | 88    |
| 7:00 AM  | 7        | 1          | 83                 | 3     | 3                 | 0                | 97    |
| 7:15 AM  | 7        | 0          | 82                 | 2     | 3                 | 0                | 94    |
| 7:30 AM  | 10       | 1          | 95                 | 5     | 0                 | 0                | 111   |
| 7:45 AM  | 13       | 1          | 103                | 4     | 0                 | 2                | 123   |
| 8:00 AM  | 28       | 0          | 113                | 2     | 5                 | 0                | 148   |
| 8:15 AM  | 25       | 1          | 95                 | 1     | 1                 | 0                | 123   |
| 8:30 AM  | 31       | 0          | 100                | 2     | 1                 | 1                | 135   |
| 8:45 AM  | 32       | 1          | 117                | 3     | 1                 | 0                | 154   |
| 9:00 AM  | 23       | 0          | 110                | 1     | 3                 | 0                | 137   |
| 9:15 AM  | 19       | 0          | 106                | 2     | 5                 | 0                | 132   |
| 9:30 AM  | 17       | 0          | 101                | 2     | 1                 | 0                | 121   |
| 9:45 AM  | 13       | 1          | 84                 | 1     | 2                 | 0                | 101   |
| 10:00 AM | 12       | 1          | 76                 | 3     | 1                 | 1                | 94    |
| 10:15 AM | 15       | 0          | 70                 | 1     | 3                 | 0                | 89    |
| 10:30 AM | 7        | 0          | 75                 | 0     | 3                 | 0                | 85    |
| 10:45 AM | 13       | 2          | 75                 | 2     | 2                 | 0                | 94    |
| 11:00 AM | 7        | 0          | 59                 | 0     | 3                 | 0                | 69    |
| 11:15 AM | 8        | 0          | 56                 | 1     | 4                 | 0                | 69    |
| 11:30 AM | 7        | 0          | 43                 | 2     | 4                 | 1                | 57    |
| 11:45 AM | 3        | 0          | 41                 | 0     | 4                 | 1                | 49    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 2        | 0          | 53                 | 1     | 2                 | 1                | 59    |
| 12:15 PM | 5        | 1          | 44                 | 2     | 2                 | 0                | 54    |
| 12:30 PM | 6        | 0          | 45                 | 0     | 3                 | 0                | 54    |
| 12:45 PM | 7        | 1          | 45                 | 1     | 3                 | 0                | 57    |
| 1:00 PM  | 3        | 0          | 48                 | 2     | 2                 | 0                | 55    |
| 1:15 PM  | 7        | 1          | 45                 | 0     | 1                 | 1                | 55    |
| 1:30 PM  | 4        | 0          | 50                 | 3     | 0                 | 0                | 57    |
| 1:45 PM  | 4        | 0          | 49                 | 1     | 1                 | 0                | 55    |
| 2:00 PM  | 7        | 0          | 40                 | 0     | 2                 | 3                | 52    |
| 2:15 PM  | 6        | 0          | 41                 | 1     | 1                 | 1                | 50    |
| 2:30 PM  | 2        | 1          | 47                 | 1     | 3                 | 0                | 54    |
| 2:45 PM  | 1        | 0          | 49                 | 1     | 0                 | 1                | 52    |
| 3:00 PM  | 6        | 0          | 57                 | 4     | 0                 | 0                | 67    |
| 3:15 PM  | 6        | 0          | 73                 | 0     | 2                 | 0                | 81    |
| 3:30 PM  | 10       | 0          | 59                 | 4     | 0                 | 0                | 73    |
| 3:45 PM  | 1        | 0          | 74                 | 3     | 0                 | 0                | 78    |
| 4:00 PM  | 2        | 0          | 44                 | 1     | 4                 | 0                | 51    |
| 4:15 PM  | 4        | 0          | 57                 | 4     | 0                 | 1                | 66    |
| 4:30 PM  | 2        | 1          | 64                 | 2     | 0                 | 0                | 69    |
| 4:45 PM  | 5        | 0          | 66                 | 1     | 0                 | 0                | 72    |
| 5:00 PM  | 3        | 0          | 78                 | 1     | 0                 | 1                | 83    |
| 5:15 PM  | 3        | 0          | 74                 | 2     | 0                 | 0                | 79    |
| 5:30 PM  | 8        | 0          | 67                 | 2     | 1                 | 0                | 78    |
| 5:45 PM  | 7        | 1          | 88                 | 0     | 1                 | 0                | 97    |
| 6:00 PM  | 5        | 1          | 80                 | 3     | 0                 | 0                | 89    |
| 6:15 PM  | 6        | 0          | 94                 | 0     | 1                 | 0                | 101   |
| 6:30 PM  | 7        | 1          | 80                 | 1     | 0                 | 0                | 89    |
| 6:45 PM  | 9        | 2          | 59                 | 0     | 1                 | 0                | 71    |
| 7:00 PM  | 5        | 1          | 59                 | 0     | 0                 | 0                | 65    |
| 7:15 PM  | 3        | 0          | 36                 | 0     | 2                 | 0                | 41    |
| 7:30 PM  | 2        | 0          | 49                 | 0     | 0                 | 0                | 51    |
| 7:45 PM  | 6        | 0          | 53                 | 1     | 0                 | 0                | 60    |
| 8:00 PM  | 2        | 1          | 38                 | 0     | 0                 | 0                | 41    |
| 8:15 PM  | 4        | 1          | 39                 | 0     | 0                 | 0                | 44    |
| 8:30 PM  | 1        | 0          | 43                 | 0     | 1                 | 0                | 45    |
| 8:45 PM  | 9        | 0          | 28                 | 0     | 2                 | 1                | 40    |
| 9:00 PM  | 0        | 1          | 33                 | 1     | 0                 | 0                | 35    |
| 9:15 PM  | 0        | 0          | 35                 | 0     | 0                 | 0                | 35    |
| 9:30 PM  | 1        | 0          | 28                 | 0     | 0                 | 0                | 29    |
| 9:45 PM  | 2        | 0          | 24                 | 0     | 0                 | 1                | 27    |
| 10:00 PM | 1        | 1          | 21                 | 0     | 0                 | 0                | 23    |
| 10:15 PM | 1        | 0          | 25                 | 1     | 0                 | 0                | 27    |
| 10:30 PM | 2        | 0          | 26                 | 0     | 1                 | 0                | 29    |
| 10:45 PM | 2        | 0          | 23                 | 0     | 0                 | 0                | 25    |
| 11:00 PM | 0        | 1          | 23                 | 0     | 0                 | 0                | 24    |
| 11:15 PM | 0        | 0          | 16                 | 0     | 0                 | 0                | 16    |
| 11:30 PM | 0        | 0          | 11                 | 1     | 0                 | 0                | 12    |
| 11:45 PM | 2        | 0          | 12                 | 0     | 0                 | 0                | 14    |

|                       |                |                |                |                |                 |                |                |
|-----------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>AM Total</b>       | <b>316</b>     | <b>11</b>      | <b>2094</b>    | <b>44</b>      | <b>59</b>       | <b>7</b>       | <b>2531</b>    |
| <b>Percentage</b>     | <b>12.49%</b>  | <b>0.43%</b>   | <b>82.73%</b>  | <b>1.74%</b>   | <b>2.33%</b>    | <b>0.28%</b>   |                |
| <b>AM Peak Volume</b> | <b>8:00 AM</b> | <b>6:45 AM</b> | <b>8:45 AM</b> | <b>7:00 AM</b> | <b>11:00 AM</b> | <b>7:45 AM</b> | <b>8:00 AM</b> |
|                       | <b>116</b>     | <b>3</b>       | <b>434</b>     | <b>14</b>      | <b>15</b>       | <b>3</b>       | <b>560</b>     |

|                       |                |                |                |                |                 |                |                |
|-----------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>PM Total</b>       | <b>181</b>     | <b>16</b>      | <b>2292</b>    | <b>45</b>      | <b>36</b>       | <b>11</b>      | <b>2581</b>    |
| <b>Percentage</b>     | <b>7.01%</b>   | <b>0.62%</b>   | <b>88.80%</b>  | <b>1.74%</b>   | <b>1.39%</b>    | <b>0.43%</b>   |                |
| <b>PM Peak Volume</b> | <b>6:00 PM</b> | <b>6:00 PM</b> | <b>5:45 PM</b> | <b>3:30 PM</b> | <b>12:00 PM</b> | <b>2:00 PM</b> | <b>5:45 PM</b> |
|                       | <b>27</b>      | <b>4</b>       | <b>342</b>     | <b>12</b>      | <b>10</b>       | <b>5</b>       | <b>376</b>     |
| <b>Day Total</b>      | <b>497</b>     | <b>27</b>      | <b>4386</b>    | <b>89</b>      | <b>95</b>       | <b>18</b>      | <b>5112</b>    |
| <b>Percentage</b>     | <b>9.72%</b>   | <b>0.53%</b>   | <b>85.80%</b>  | <b>1.74%</b>   | <b>1.86%</b>    | <b>0.35%</b>   |                |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR A**

**Count Date: Wednesday, September 11, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 1        | 1          | 12                 | 0     | 0                 | 0                | 14    |
| 12:15 AM | 2        | 0          | 5                  | 0     | 0                 | 1                | 8     |
| 12:30 AM | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 12:45 AM | 0        | 0          | 2                  | 1     | 0                 | 0                | 3     |
| 1:00 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 1:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 1:30 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 1:45 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 2:00 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:15 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 2:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:45 AM  | 0        | 1          | 1                  | 0     | 0                 | 1                | 3     |
| 3:00 AM  | 0        | 0          | 2                  | 0     | 1                 | 0                | 3     |
| 3:15 AM  | 0        | 0          | 2                  | 0     | 1                 | 0                | 3     |
| 3:30 AM  | 0        | 0          | 3                  | 0     | 0                 | 1                | 4     |
| 3:45 AM  | 0        | 0          | 5                  | 0     | 1                 | 1                | 7     |
| 4:00 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 4:15 AM  | 0        | 1          | 6                  | 0     | 0                 | 0                | 7     |
| 4:30 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 4:45 AM  | 0        | 0          | 5                  | 0     | 1                 | 0                | 6     |
| 5:00 AM  | 0        | 0          | 9                  | 1     | 0                 | 0                | 10    |
| 5:15 AM  | 0        | 0          | 11                 | 0     | 1                 | 0                | 12    |
| 5:30 AM  | 1        | 0          | 26                 | 0     | 2                 | 0                | 29    |
| 5:45 AM  | 2        | 1          | 41                 | 2     | 0                 | 0                | 46    |
| 6:00 AM  | 2        | 2          | 44                 | 0     | 0                 | 0                | 48    |
| 6:15 AM  | 1        | 0          | 37                 | 0     | 0                 | 0                | 38    |
| 6:30 AM  | 4        | 0          | 65                 | 3     | 0                 | 0                | 72    |
| 6:45 AM  | 6        | 0          | 82                 | 1     | 3                 | 0                | 92    |
| 7:00 AM  | 4        | 0          | 60                 | 4     | 3                 | 1                | 72    |
| 7:15 AM  | 8        | 0          | 78                 | 3     | 2                 | 0                | 91    |
| 7:30 AM  | 9        | 1          | 82                 | 5     | 1                 | 1                | 99    |
| 7:45 AM  | 19       | 0          | 111                | 3     | 3                 | 0                | 136   |
| 8:00 AM  | 22       | 1          | 105                | 1     | 4                 | 0                | 133   |
| 8:15 AM  | 22       | 0          | 84                 | 1     | 6                 | 0                | 113   |
| 8:30 AM  | 23       | 2          | 101                | 0     | 0                 | 0                | 126   |
| 8:45 AM  | 31       | 0          | 104                | 2     | 1                 | 0                | 138   |
| 9:00 AM  | 21       | 1          | 104                | 4     | 4                 | 0                | 134   |
| 9:15 AM  | 16       | 1          | 97                 | 2     | 4                 | 0                | 120   |
| 9:30 AM  | 14       | 2          | 100                | 2     | 4                 | 0                | 122   |
| 9:45 AM  | 20       | 0          | 72                 | 1     | 3                 | 0                | 96    |
| 10:00 AM | 7        | 0          | 87                 | 2     | 2                 | 0                | 98    |
| 10:15 AM | 8        | 0          | 87                 | 1     | 3                 | 0                | 99    |
| 10:30 AM | 4        | 1          | 77                 | 2     | 3                 | 0                | 87    |
| 10:45 AM | 10       | 3          | 45                 | 1     | 7                 | 0                | 66    |
| 11:00 AM | 5        | 1          | 55                 | 0     | 4                 | 0                | 65    |
| 11:15 AM | 7        | 0          | 54                 | 1     | 4                 | 0                | 66    |
| 11:30 AM | 7        | 0          | 36                 | 2     | 2                 | 0                | 47    |
| 11:45 AM | 9        | 0          | 41                 | 0     | 2                 | 0                | 52    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 10       | 1          | 52                 | 0     | 3                 | 0                | 66    |
| 12:15 PM | 6        | 1          | 54                 | 3     | 2                 | 0                | 66    |
| 12:30 PM | 9        | 0          | 70                 | 0     | 3                 | 1                | 83    |
| 12:45 PM | 11       | 0          | 28                 | 0     | 4                 | 0                | 43    |
| 1:00 PM  | 4        | 0          | 53                 | 2     | 4                 | 1                | 64    |
| 1:15 PM  | 3        | 1          | 47                 | 1     | 5                 | 0                | 57    |
| 1:30 PM  | 5        | 2          | 63                 | 4     | 4                 | 0                | 78    |
| 1:45 PM  | 2        | 0          | 52                 | 3     | 5                 | 1                | 63    |
| 2:00 PM  | 5        | 1          | 47                 | 0     | 2                 | 0                | 55    |
| 2:15 PM  | 1        | 3          | 56                 | 2     | 1                 | 1                | 64    |
| 2:30 PM  | 5        | 0          | 54                 | 2     | 0                 | 0                | 61    |
| 2:45 PM  | 2        | 0          | 50                 | 4     | 0                 | 0                | 56    |
| 3:00 PM  | 7        | 0          | 53                 | 1     | 2                 | 0                | 63    |
| 3:15 PM  | 9        | 0          | 73                 | 0     | 4                 | 0                | 86    |
| 3:30 PM  | 6        | 0          | 58                 | 2     | 2                 | 0                | 68    |
| 3:45 PM  | 5        | 0          | 63                 | 3     | 0                 | 0                | 71    |
| 4:00 PM  | 2        | 0          | 57                 | 0     | 5                 | 1                | 65    |
| 4:15 PM  | 3        | 0          | 91                 | 3     | 0                 | 0                | 97    |
| 4:30 PM  | 4        | 0          | 64                 | 2     | 2                 | 0                | 72    |
| 4:45 PM  | 3        | 0          | 48                 | 1     | 0                 | 0                | 52    |
| 5:00 PM  | 9        | 2          | 54                 | 1     | 2                 | 0                | 68    |
| 5:15 PM  | 4        | 2          | 87                 | 2     | 1                 | 0                | 96    |
| 5:30 PM  | 4        | 1          | 78                 | 1     | 2                 | 0                | 86    |
| 5:45 PM  | 5        | 0          | 65                 | 0     | 0                 | 0                | 70    |
| 6:00 PM  | 9        | 1          | 49                 | 4     | 0                 | 0                | 63    |
| 6:15 PM  | 5        | 2          | 70                 | 0     | 0                 | 0                | 77    |
| 6:30 PM  | 1        | 0          | 95                 | 1     | 0                 | 0                | 97    |
| 6:45 PM  | 5        | 1          | 70                 | 0     | 0                 | 2                | 78    |
| 7:00 PM  | 3        | 0          | 58                 | 0     | 0                 | 0                | 61    |
| 7:15 PM  | 2        | 0          | 41                 | 0     | 0                 | 0                | 43    |
| 7:30 PM  | 4        | 3          | 63                 | 0     | 0                 | 0                | 70    |
| 7:45 PM  | 2        | 0          | 60                 | 0     | 0                 | 0                | 62    |
| 8:00 PM  | 6        | 0          | 37                 | 1     | 1                 | 0                | 45    |
| 8:15 PM  | 4        | 0          | 50                 | 0     | 1                 | 0                | 55    |
| 8:30 PM  | 0        | 0          | 37                 | 0     | 0                 | 0                | 37    |
| 8:45 PM  | 0        | 2          | 33                 | 0     | 0                 | 0                | 35    |
| 9:00 PM  | 1        | 0          | 44                 | 2     | 0                 | 0                | 47    |
| 9:15 PM  | 0        | 0          | 30                 | 0     | 0                 | 0                | 30    |
| 9:30 PM  | 0        | 1          | 35                 | 0     | 0                 | 0                | 36    |
| 9:45 PM  | 0        | 1          | 35                 | 0     | 0                 | 0                | 36    |
| 10:00 PM | 3        | 0          | 26                 | 0     | 0                 | 0                | 29    |
| 10:15 PM | 0        | 2          | 24                 | 1     | 0                 | 1                | 28    |
| 10:30 PM | 4        | 0          | 17                 | 0     | 0                 | 0                | 21    |
| 10:45 PM | 0        | 1          | 25                 | 0     | 0                 | 0                | 26    |
| 11:00 PM | 0        | 0          | 15                 | 0     | 0                 | 0                | 15    |
| 11:15 PM | 0        | 0          | 12                 | 0     | 0                 | 0                | 12    |
| 11:30 PM | 2        | 0          | 20                 | 1     | 0                 | 0                | 23    |
| 11:45 PM | 2        | 0          | 6                  | 0     | 0                 | 0                | 8     |

|                   |                |                 |                |                |                 |                |                |
|-------------------|----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>AM Total</b>   | <b>285</b>     | <b>19</b>       | <b>1973</b>    | <b>45</b>      | <b>72</b>       | <b>6</b>       | <b>2400</b>    |
| <b>Percentage</b> | <b>11.88%</b>  | <b>0.79%</b>    | <b>82.21%</b>  | <b>1.88%</b>   | <b>3.00%</b>    | <b>0.25%</b>   |                |
| <b>AM Peak</b>    | <b>8:00 AM</b> | <b>10:15 AM</b> | <b>8:30 AM</b> | <b>7:00 AM</b> | <b>10:30 AM</b> | <b>2:45 AM</b> | <b>8:30 AM</b> |
| <b>Volume</b>     | <b>98</b>      | <b>5</b>        | <b>406</b>     | <b>15</b>      | <b>18</b>       | <b>2</b>       | <b>518</b>     |

|                   |                 |                |                |                |                |                 |                |
|-------------------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| <b>PM Total</b>   | <b>177</b>      | <b>28</b>      | <b>2369</b>    | <b>47</b>      | <b>55</b>      | <b>8</b>        | <b>2684</b>    |
| <b>Percentage</b> | <b>6.59%</b>    | <b>1.04%</b>   | <b>88.26%</b>  | <b>1.75%</b>   | <b>2.05%</b>   | <b>0.30%</b>    |                |
| <b>PM Peak</b>    | <b>12:00 PM</b> | <b>1:30 PM</b> | <b>6:15 PM</b> | <b>1:00 PM</b> | <b>1:00 PM</b> | <b>12:15 PM</b> | <b>5:00 PM</b> |
| <b>Volume</b>     | <b>36</b>       | <b>6</b>       | <b>293</b>     | <b>10</b>      | <b>18</b>      | <b>2</b>        | <b>320</b>     |
| <b>Day Total</b>  | <b>462</b>      | <b>47</b>      | <b>4342</b>    | <b>92</b>      | <b>127</b>     | <b>14</b>       | <b>5084</b>    |
| <b>Percentage</b> | <b>9.09%</b>    | <b>0.92%</b>   | <b>85.41%</b>  | <b>1.81%</b>   | <b>2.50%</b>   | <b>0.28%</b>    |                |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR A**

**Count Date: Thursday, September 12, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 1        | 0          | 9                  | 0     | 0                 | 0                | 10    |
| 12:15 AM | 0        | 0          | 11                 | 0     | 0                 | 0                | 11    |
| 12:30 AM | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 12:45 AM | 0        | 0          | 5                  | 1     | 0                 | 0                | 6     |
| 1:00 AM  | 0        | 0          | 4                  | 0     | 0                 | 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          | 3                  | 1     | 0                 | 0                | 4     |
| 2:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 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          | 0                  | 0     | 0                 | 0                | 0     |
| 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          | 3                  | 0     | 0                 | 0                | 3     |
| 3:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 4:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 4:30 AM  | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 4:45 AM  | 0        | 0          | 6                  | 0     | 1                 | 0                | 7     |
| 5:00 AM  | 0        | 0          | 12                 | 0     | 0                 | 0                | 12    |
| 5:15 AM  | 1        | 0          | 14                 | 0     | 0                 | 0                | 15    |
| 5:30 AM  | 3        | 0          | 28                 | 0     | 0                 | 0                | 31    |
| 5:45 AM  | 0        | 0          | 39                 | 1     | 1                 | 1                | 42    |
| 6:00 AM  | 0        | 1          | 41                 | 1     | 1                 | 0                | 44    |
| 6:15 AM  | 1        | 0          | 39                 | 1     | 2                 | 0                | 43    |
| 6:30 AM  | 4        | 0          | 73                 | 1     | 0                 | 0                | 78    |
| 6:45 AM  | 7        | 0          | 82                 | 2     | 1                 | 0                | 92    |
| 7:00 AM  | 3        | 0          | 79                 | 4     | 2                 | 0                | 88    |
| 7:15 AM  | 7        | 1          | 96                 | 3     | 4                 | 0                | 111   |
| 7:30 AM  | 6        | 1          | 83                 | 3     | 4                 | 0                | 97    |
| 7:45 AM  | 13       | 0          | 104                | 6     | 1                 | 0                | 124   |
| 8:00 AM  | 15       | 1          | 98                 | 1     | 3                 | 1                | 119   |
| 8:15 AM  | 37       | 0          | 90                 | 1     | 3                 | 0                | 131   |
| 8:30 AM  | 26       | 1          | 97                 | 3     | 0                 | 0                | 127   |
| 8:45 AM  | 22       | 1          | 127                | 3     | 1                 | 0                | 154   |
| 9:00 AM  | 20       | 0          | 99                 | 0     | 8                 | 1                | 128   |
| 9:15 AM  | 20       | 0          | 107                | 2     | 6                 | 0                | 135   |
| 9:30 AM  | 18       | 2          | 76                 | 3     | 0                 | 0                | 99    |
| 9:45 AM  | 10       | 1          | 98                 | 1     | 2                 | 1                | 113   |
| 10:00 AM | 11       | 0          | 71                 | 1     | 2                 | 0                | 85    |
| 10:15 AM | 10       | 1          | 77                 | 1     | 6                 | 0                | 95    |
| 10:30 AM | 7        | 1          | 71                 | 2     | 5                 | 0                | 86    |
| 10:45 AM | 12       | 0          | 67                 | 0     | 3                 | 0                | 82    |
| 11:00 AM | 6        | 0          | 59                 | 1     | 5                 | 0                | 71    |
| 11:15 AM | 5        | 1          | 49                 | 2     | 5                 | 0                | 62    |
| 11:30 AM | 6        | 1          | 47                 | 2     | 3                 | 0                | 59    |
| 11:45 AM | 9        | 1          | 58                 | 0     | 4                 | 0                | 72    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 5        | 1          | 40                 | 0     | 3                 | 0                | 49    |
| 12:15 PM | 3        | 1          | 58                 | 2     | 4                 | 0                | 68    |
| 12:30 PM | 7        | 0          | 50                 | 0     | 0                 | 0                | 57    |
| 12:45 PM | 10       | 0          | 54                 | 2     | 1                 | 0                | 67    |
| 1:00 PM  | 7        | 1          | 49                 | 1     | 3                 | 1                | 62    |
| 1:15 PM  | 5        | 1          | 48                 | 0     | 5                 | 0                | 59    |
| 1:30 PM  | 6        | 0          | 48                 | 3     | 3                 | 0                | 60    |
| 1:45 PM  | 4        | 1          | 41                 | 1     | 2                 | 1                | 50    |
| 2:00 PM  | 4        | 0          | 50                 | 0     | 1                 | 0                | 55    |
| 2:15 PM  | 8        | 0          | 51                 | 1     | 2                 | 0                | 62    |
| 2:30 PM  | 7        | 1          | 57                 | 2     | 2                 | 0                | 69    |
| 2:45 PM  | 3        | 0          | 71                 | 1     | 2                 | 0                | 77    |
| 3:00 PM  | 7        | 0          | 60                 | 5     | 2                 | 0                | 74    |
| 3:15 PM  | 6        | 0          | 69                 | 3     | 1                 | 0                | 79    |
| 3:30 PM  | 3        | 1          | 62                 | 3     | 1                 | 0                | 70    |
| 3:45 PM  | 3        | 0          | 85                 | 6     | 0                 | 0                | 94    |
| 4:00 PM  | 6        | 0          | 67                 | 0     | 2                 | 0                | 75    |
| 4:15 PM  | 3        | 0          | 79                 | 1     | 2                 | 0                | 85    |
| 4:30 PM  | 2        | 0          | 82                 | 3     | 1                 | 0                | 88    |
| 4:45 PM  | 7        | 1          | 61                 | 2     | 1                 | 0                | 72    |
| 5:00 PM  | 8        | 0          | 47                 | 2     | 2                 | 0                | 59    |
| 5:15 PM  | 11       | 2          | 71                 | 2     | 0                 | 0                | 86    |
| 5:30 PM  | 9        | 3          | 64                 | 1     | 1                 | 0                | 78    |
| 5:45 PM  | 7        | 0          | 94                 | 0     | 0                 | 0                | 101   |
| 6:00 PM  | 2        | 1          | 74                 | 3     | 1                 | 0                | 81    |
| 6:15 PM  | 8        | 1          | 72                 | 0     | 0                 | 0                | 81    |
| 6:30 PM  | 6        | 0          | 46                 | 1     | 1                 | 0                | 54    |
| 6:45 PM  | 6        | 0          | 46                 | 0     | 0                 | 0                | 52    |
| 7:00 PM  | 6        | 4          | 60                 | 0     | 1                 | 0                | 71    |
| 7:15 PM  | 6        | 0          | 77                 | 0     | 0                 | 0                | 83    |
| 7:30 PM  | 5        | 0          | 57                 | 0     | 0                 | 0                | 62    |
| 7:45 PM  | 2        | 2          | 37                 | 1     | 0                 | 1                | 43    |
| 8:00 PM  | 3        | 0          | 43                 | 0     | 1                 | 1                | 48    |
| 8:15 PM  | 4        | 0          | 47                 | 0     | 0                 | 0                | 51    |
| 8:30 PM  | 1        | 2          | 34                 | 0     | 0                 | 0                | 37    |
| 8:45 PM  | 1        | 1          | 43                 | 0     | 0                 | 0                | 45    |
| 9:00 PM  | 3        | 0          | 36                 | 1     | 0                 | 0                | 40    |
| 9:15 PM  | 2        | 1          | 33                 | 0     | 0                 | 0                | 36    |
| 9:30 PM  | 0        | 0          | 24                 | 0     | 0                 | 0                | 24    |
| 9:45 PM  | 0        | 1          | 34                 | 0     | 0                 | 0                | 35    |
| 10:00 PM | 0        | 2          | 33                 | 0     | 0                 | 0                | 35    |
| 10:15 PM | 3        | 0          | 41                 | 1     | 0                 | 0                | 45    |
| 10:30 PM | 1        | 0          | 36                 | 0     | 1                 | 0                | 38    |
| 10:45 PM | 0        | 1          | 33                 | 0     | 0                 | 0                | 34    |
| 11:00 PM | 3        | 0          | 26                 | 0     | 0                 | 0                | 29    |
| 11:15 PM | 0        | 0          | 16                 | 0     | 0                 | 0                | 16    |
| 11:30 PM | 0        | 0          | 23                 | 1     | 2                 | 0                | 26    |
| 11:45 PM | 0        | 1          | 12                 | 0     | 1                 | 0                | 14    |

|                       |                |                |                |                |                 |                |                |
|-----------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>AM Total</b>       | <b>280</b>     | <b>14</b>      | <b>2058</b>    | <b>47</b>      | <b>73</b>       | <b>4</b>       | <b>2476</b>    |
| <b>Percentage</b>     | <b>11.31%</b>  | <b>0.57%</b>   | <b>83.12%</b>  | <b>1.90%</b>   | <b>2.95%</b>    | <b>0.16%</b>   |                |
| <b>AM Peak Volume</b> | <b>8:15 AM</b> | <b>9:30 AM</b> | <b>8:30 AM</b> | <b>7:00 AM</b> | <b>10:15 AM</b> | <b>9:00 AM</b> | <b>8:30 AM</b> |
|                       | <b>105</b>     | <b>4</b>       | <b>430</b>     | <b>16</b>      | <b>19</b>       | <b>2</b>       | <b>544</b>     |

|                       |                |                |                |                |                |                |                |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>PM Total</b>       | <b>203</b>     | <b>30</b>      | <b>2441</b>    | <b>49</b>      | <b>49</b>      | <b>4</b>       | <b>2776</b>    |
| <b>Percentage</b>     | <b>7.31%</b>   | <b>1.08%</b>   | <b>87.93%</b>  | <b>1.77%</b>   | <b>1.77%</b>   | <b>0.14%</b>   |                |
| <b>PM Peak Volume</b> | <b>4:45 PM</b> | <b>4:45 PM</b> | <b>3:45 PM</b> | <b>3:00 PM</b> | <b>1:00 PM</b> | <b>1:00 PM</b> | <b>5:15 PM</b> |
|                       | <b>35</b>      | <b>6</b>       | <b>313</b>     | <b>17</b>      | <b>13</b>      | <b>2</b>       | <b>346</b>     |
| <b>Day Total</b>      | <b>483</b>     | <b>44</b>      | <b>4499</b>    | <b>96</b>      | <b>122</b>     | <b>8</b>       | <b>5252</b>    |
| <b>Percentage</b>     | <b>9.20%</b>   | <b>0.84%</b>   | <b>85.66%</b>  | <b>1.83%</b>   | <b>2.32%</b>   | <b>0.15%</b>   |                |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR A**

**Count Date: Tuesday, September 10, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 0          | 9                  | 0     | 1                 | 0                | 10    |
| 12:15 AM | 0        | 0          | 10                 | 0     | 1                 | 0                | 11    |
| 12:30 AM | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 12:45 AM | 1        | 1          | 7                  | 0     | 0                 | 0                | 9     |
| 1:00 AM  | 0        | 0          | 3                  | 0     | 2                 | 0                | 5     |
| 1:15 AM  | 0        | 0          | 6                  | 1     | 0                 | 0                | 7     |
| 1:30 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 1:45 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:00 AM  | 1        | 0          | 7                  | 0     | 0                 | 0                | 8     |
| 2:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 2:45 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 3:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 1                | 2     |
| 3:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:30 AM  | 0        | 0          | 6                  | 0     | 2                 | 0                | 8     |
| 4:45 AM  | 0        | 0          | 6                  | 0     | 1                 | 0                | 7     |
| 5:00 AM  | 0        | 0          | 15                 | 0     | 0                 | 0                | 15    |
| 5:15 AM  | 0        | 0          | 19                 | 0     | 0                 | 0                | 19    |
| 5:30 AM  | 1        | 1          | 18                 | 1     | 0                 | 1                | 22    |
| 5:45 AM  | 0        | 0          | 18                 | 0     | 1                 | 0                | 19    |
| 6:00 AM  | 0        | 0          | 24                 | 3     | 1                 | 0                | 28    |
| 6:15 AM  | 0        | 0          | 24                 | 1     | 1                 | 0                | 26    |
| 6:30 AM  | 0        | 0          | 37                 | 3     | 1                 | 0                | 41    |
| 6:45 AM  | 3        | 0          | 45                 | 4     | 2                 | 0                | 54    |
| 7:00 AM  | 3        | 0          | 47                 | 0     | 2                 | 0                | 52    |
| 7:15 AM  | 3        | 0          | 52                 | 3     | 2                 | 0                | 60    |
| 7:30 AM  | 2        | 0          | 78                 | 5     | 1                 | 0                | 86    |
| 7:45 AM  | 0        | 0          | 90                 | 3     | 1                 | 0                | 94    |
| 8:00 AM  | 6        | 0          | 82                 | 2     | 0                 | 1                | 91    |
| 8:15 AM  | 4        | 0          | 85                 | 3     | 2                 | 0                | 94    |
| 8:30 AM  | 4        | 0          | 92                 | 0     | 3                 | 0                | 99    |
| 8:45 AM  | 10       | 0          | 68                 | 2     | 1                 | 0                | 81    |
| 9:00 AM  | 5        | 0          | 55                 | 1     | 2                 | 0                | 63    |
| 9:15 AM  | 1        | 0          | 60                 | 1     | 0                 | 0                | 62    |
| 9:30 AM  | 2        | 2          | 62                 | 1     | 5                 | 0                | 72    |
| 9:45 AM  | 1        | 0          | 45                 | 2     | 4                 | 0                | 52    |
| 10:00 AM | 3        | 0          | 60                 | 2     | 7                 | 0                | 72    |
| 10:15 AM | 1        | 0          | 44                 | 2     | 6                 | 1                | 54    |
| 10:30 AM | 5        | 0          | 38                 | 1     | 5                 | 0                | 49    |
| 10:45 AM | 2        | 0          | 45                 | 0     | 2                 | 0                | 49    |
| 11:00 AM | 3        | 1          | 45                 | 1     | 4                 | 1                | 55    |
| 11:15 AM | 6        | 0          | 62                 | 1     | 1                 | 0                | 70    |
| 11:30 AM | 4        | 0          | 59                 | 0     | 5                 | 0                | 68    |
| 11:45 AM | 5        | 1          | 60                 | 2     | 6                 | 0                | 74    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 6        | 0          | 68                 | 0     | 2                 | 0                | 76    |
| 12:15 PM | 4        | 0          | 61                 | 2     | 4                 | 0                | 71    |
| 12:30 PM | 4        | 2          | 59                 | 2     | 2                 | 0                | 69    |
| 12:45 PM | 10       | 0          | 49                 | 0     | 4                 | 0                | 63    |
| 1:00 PM  | 6        | 1          | 66                 | 0     | 3                 | 0                | 76    |
| 1:15 PM  | 4        | 1          | 59                 | 3     | 2                 | 0                | 69    |
| 1:30 PM  | 5        | 1          | 66                 | 3     | 1                 | 0                | 76    |
| 1:45 PM  | 5        | 2          | 69                 | 4     | 1                 | 0                | 81    |
| 2:00 PM  | 10       | 0          | 82                 | 2     | 0                 | 2                | 96    |
| 2:15 PM  | 3        | 1          | 94                 | 3     | 1                 | 0                | 102   |
| 2:30 PM  | 12       | 0          | 96                 | 3     | 0                 | 1                | 112   |
| 2:45 PM  | 7        | 0          | 99                 | 0     | 2                 | 0                | 108   |
| 3:00 PM  | 8        | 1          | 90                 | 3     | 2                 | 1                | 105   |
| 3:15 PM  | 8        | 0          | 119                | 3     | 2                 | 0                | 132   |
| 3:30 PM  | 6        | 1          | 119                | 5     | 2                 | 0                | 133   |
| 3:45 PM  | 2        | 0          | 118                | 6     | 1                 | 0                | 127   |
| 4:00 PM  | 4        | 3          | 121                | 2     | 3                 | 0                | 133   |
| 4:15 PM  | 15       | 1          | 140                | 2     | 1                 | 0                | 159   |
| 4:30 PM  | 16       | 1          | 154                | 2     | 0                 | 0                | 173   |
| 4:45 PM  | 23       | 0          | 134                | 1     | 2                 | 0                | 160   |
| 5:00 PM  | 21       | 0          | 132                | 4     | 0                 | 0                | 157   |
| 5:15 PM  | 33       | 0          | 147                | 0     | 0                 | 0                | 180   |
| 5:30 PM  | 33       | 0          | 133                | 2     | 1                 | 0                | 169   |
| 5:45 PM  | 28       | 2          | 119                | 0     | 0                 | 0                | 149   |
| 6:00 PM  | 13       | 0          | 129                | 1     | 1                 | 0                | 144   |
| 6:15 PM  | 14       | 0          | 138                | 2     | 0                 | 0                | 154   |
| 6:30 PM  | 16       | 0          | 120                | 2     | 0                 | 0                | 138   |
| 6:45 PM  | 10       | 3          | 116                | 0     | 1                 | 0                | 130   |
| 7:00 PM  | 14       | 4          | 95                 | 2     | 0                 | 0                | 115   |
| 7:15 PM  | 8        | 3          | 91                 | 0     | 0                 | 0                | 102   |
| 7:30 PM  | 9        | 1          | 83                 | 0     | 0                 | 0                | 93    |
| 7:45 PM  | 7        | 1          | 68                 | 1     | 0                 | 0                | 77    |
| 8:00 PM  | 9        | 1          | 76                 | 1     | 0                 | 0                | 87    |
| 8:15 PM  | 4        | 2          | 62                 | 1     | 0                 | 0                | 69    |
| 8:30 PM  | 11       | 1          | 61                 | 0     | 0                 | 0                | 73    |
| 8:45 PM  | 9        | 0          | 48                 | 0     | 0                 | 0                | 57    |
| 9:00 PM  | 9        | 0          | 42                 | 1     | 0                 | 0                | 52    |
| 9:15 PM  | 7        | 1          | 49                 | 1     | 0                 | 0                | 58    |
| 9:30 PM  | 1        | 1          | 59                 | 1     | 0                 | 0                | 62    |
| 9:45 PM  | 4        | 0          | 36                 | 1     | 0                 | 0                | 41    |
| 10:00 PM | 7        | 0          | 31                 | 1     | 0                 | 0                | 39    |
| 10:15 PM | 4        | 0          | 31                 | 1     | 0                 | 0                | 36    |
| 10:30 PM | 2        | 1          | 34                 | 2     | 0                 | 0                | 39    |
| 10:45 PM | 5        | 0          | 19                 | 0     | 0                 | 0                | 24    |
| 11:00 PM | 4        | 0          | 24                 | 0     | 0                 | 0                | 28    |
| 11:15 PM | 0        | 0          | 24                 | 0     | 0                 | 0                | 24    |
| 11:30 PM | 5        | 0          | 22                 | 0     | 0                 | 0                | 27    |
| 11:45 PM | 0        | 0          | 13                 | 1     | 0                 | 0                | 14    |

|                   |                |                |                |                |                |                 |                |
|-------------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| <b>AM Total</b>   | <b>76</b>      | <b>6</b>       | <b>1509</b>    | <b>45</b>      | <b>72</b>      | <b>5</b>        | <b>1713</b>    |
| <b>Percentage</b> | <b>4.44%</b>   | <b>0.35%</b>   | <b>88.09%</b>  | <b>2.63%</b>   | <b>4.20%</b>   | <b>0.29%</b>    |                |
| <b>AM Peak</b>    | <b>8:00 AM</b> | <b>8:45 AM</b> | <b>7:45 AM</b> | <b>7:15 AM</b> | <b>9:30 AM</b> | <b>10:15 AM</b> | <b>7:45 AM</b> |
| <b>Volume</b>     | <b>24</b>      | <b>2</b>       | <b>349</b>     | <b>13</b>      | <b>22</b>      | <b>2</b>        | <b>378</b>     |

|                   |                |                |                |                |                 |                |                |
|-------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>PM Total</b>   | <b>445</b>     | <b>36</b>      | <b>3865</b>    | <b>71</b>      | <b>38</b>       | <b>4</b>       | <b>4459</b>    |
| <b>Percentage</b> | <b>9.98%</b>   | <b>0.81%</b>   | <b>86.68%</b>  | <b>1.59%</b>   | <b>0.85%</b>    | <b>0.09%</b>   |                |
| <b>PM Peak</b>    | <b>5:00 PM</b> | <b>6:45 PM</b> | <b>4:30 PM</b> | <b>3:00 PM</b> | <b>12:15 PM</b> | <b>1:45 PM</b> | <b>4:30 PM</b> |
| <b>Volume</b>     | <b>115</b>     | <b>11</b>      | <b>567</b>     | <b>17</b>      | <b>13</b>       | <b>3</b>       | <b>670</b>     |

|                   |              |              |               |              |              |              |             |
|-------------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|
| <b>Day Total</b>  | <b>521</b>   | <b>42</b>    | <b>5374</b>   | <b>116</b>   | <b>110</b>   | <b>9</b>     | <b>6172</b> |
| <b>Percentage</b> | <b>8.44%</b> | <b>0.68%</b> | <b>87.07%</b> | <b>1.88%</b> | <b>1.78%</b> | <b>0.15%</b> |             |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**

157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR A**

**Count Date: Wednesday, September 11, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 1          | 15                 | 0     | 1                 | 0                | 17    |
| 12:15 AM | 0        | 0          | 11                 | 0     | 0                 | 0                | 11    |
| 12:30 AM | 1        | 1          | 10                 | 0     | 1                 | 0                | 13    |
| 12:45 AM | 0        | 1          | 0                  | 0     | 1                 | 0                | 2     |
| 1:00 AM  | 0        | 0          | 9                  | 0     | 1                 | 0                | 10    |
| 1:15 AM  | 0        | 0          | 7                  | 1     | 0                 | 0                | 8     |
| 1:30 AM  | 1        | 0          | 3                  | 0     | 1                 | 0                | 5     |
| 1:45 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 2:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 2:15 AM  | 0        | 1          | 2                  | 0     | 0                 | 0                | 3     |
| 2:30 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 2:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:15 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 3:30 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 3:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 4:00 AM  | 0        | 0          | 2                  | 0     | 1                 | 0                | 3     |
| 4:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 4:30 AM  | 0        | 0          | 5                  | 0     | 1                 | 0                | 6     |
| 4:45 AM  | 0        | 0          | 7                  | 0     | 1                 | 0                | 8     |
| 5:00 AM  | 0        | 0          | 8                  | 0     | 1                 | 0                | 9     |
| 5:15 AM  | 1        | 0          | 17                 | 0     | 1                 | 0                | 19    |
| 5:30 AM  | 0        | 0          | 19                 | 0     | 0                 | 0                | 19    |
| 5:45 AM  | 1        | 0          | 20                 | 0     | 0                 | 0                | 21    |
| 6:00 AM  | 1        | 0          | 21                 | 1     | 1                 | 0                | 24    |
| 6:15 AM  | 1        | 0          | 20                 | 1     | 4                 | 0                | 26    |
| 6:30 AM  | 0        | 0          | 34                 | 5     | 4                 | 0                | 43    |
| 6:45 AM  | 2        | 0          | 34                 | 3     | 1                 | 0                | 40    |
| 7:00 AM  | 2        | 0          | 53                 | 1     | 3                 | 1                | 60    |
| 7:15 AM  | 4        | 0          | 57                 | 3     | 4                 | 0                | 68    |
| 7:30 AM  | 3        | 1          | 83                 | 4     | 2                 | 0                | 93    |
| 7:45 AM  | 10       | 0          | 82                 | 5     | 1                 | 0                | 98    |
| 8:00 AM  | 6        | 2          | 76                 | 5     | 1                 | 0                | 90    |
| 8:15 AM  | 9        | 0          | 81                 | 4     | 3                 | 0                | 97    |
| 8:30 AM  | 2        | 1          | 73                 | 2     | 3                 | 0                | 81    |
| 8:45 AM  | 1        | 1          | 60                 | 3     | 2                 | 0                | 67    |
| 9:00 AM  | 6        | 1          | 55                 | 0     | 2                 | 0                | 64    |
| 9:15 AM  | 4        | 1          | 62                 | 1     | 2                 | 0                | 70    |
| 9:30 AM  | 4        | 0          | 56                 | 3     | 1                 | 0                | 64    |
| 9:45 AM  | 3        | 0          | 53                 | 1     | 7                 | 0                | 64    |
| 10:00 AM | 1        | 0          | 42                 | 1     | 6                 | 0                | 50    |
| 10:15 AM | 3        | 0          | 44                 | 4     | 4                 | 0                | 55    |
| 10:30 AM | 1        | 0          | 52                 | 1     | 7                 | 2                | 63    |
| 10:45 AM | 2        | 0          | 54                 | 0     | 2                 | 0                | 58    |
| 11:00 AM | 1        | 1          | 52                 | 1     | 7                 | 0                | 62    |
| 11:15 AM | 2        | 1          | 48                 | 1     | 5                 | 0                | 57    |
| 11:30 AM | 4        | 0          | 42                 | 0     | 4                 | 0                | 50    |
| 11:45 AM | 4        | 1          | 50                 | 3     | 6                 | 0                | 64    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 5        | 0          | 65                 | 0     | 2                 | 0                | 72    |
| 12:15 PM | 6        | 2          | 62                 | 2     | 2                 | 0                | 74    |
| 12:30 PM | 10       | 1          | 67                 | 4     | 2                 | 0                | 84    |
| 12:45 PM | 5        | 2          | 86                 | 1     | 3                 | 1                | 98    |
| 1:00 PM  | 5        | 0          | 69                 | 2     | 5                 | 0                | 81    |
| 1:15 PM  | 8        | 0          | 75                 | 4     | 2                 | 0                | 89    |
| 1:30 PM  | 9        | 0          | 79                 | 2     | 6                 | 0                | 96    |
| 1:45 PM  | 3        | 1          | 79                 | 6     | 2                 | 1                | 92    |
| 2:00 PM  | 4        | 1          | 87                 | 2     | 3                 | 0                | 97    |
| 2:15 PM  | 5        | 0          | 90                 | 2     | 0                 | 0                | 97    |
| 2:30 PM  | 8        | 1          | 103                | 2     | 0                 | 0                | 114   |
| 2:45 PM  | 9        | 0          | 99                 | 0     | 2                 | 0                | 110   |
| 3:00 PM  | 4        | 0          | 122                | 4     | 1                 | 0                | 131   |
| 3:15 PM  | 7        | 1          | 91                 | 6     | 0                 | 0                | 105   |
| 3:30 PM  | 9        | 0          | 89                 | 1     | 1                 | 0                | 100   |
| 3:45 PM  | 11       | 0          | 128                | 2     | 1                 | 0                | 142   |
| 4:00 PM  | 21       | 0          | 117                | 1     | 3                 | 0                | 142   |
| 4:15 PM  | 17       | 0          | 122                | 2     | 1                 | 1                | 143   |
| 4:30 PM  | 15       | 0          | 154                | 1     | 0                 | 1                | 171   |
| 4:45 PM  | 19       | 0          | 132                | 2     | 0                 | 0                | 153   |
| 5:00 PM  | 26       | 0          | 121                | 1     | 3                 | 0                | 151   |
| 5:15 PM  | 28       | 0          | 109                | 0     | 0                 | 2                | 139   |
| 5:30 PM  | 28       | 0          | 110                | 1     | 0                 | 0                | 139   |
| 5:45 PM  | 35       | 3          | 123                | 1     | 2                 | 0                | 164   |
| 6:00 PM  | 32       | 1          | 105                | 3     | 0                 | 1                | 142   |
| 6:15 PM  | 14       | 4          | 121                | 2     | 0                 | 0                | 141   |
| 6:30 PM  | 18       | 1          | 93                 | 1     | 1                 | 0                | 114   |
| 6:45 PM  | 14       | 1          | 104                | 1     | 1                 | 0                | 121   |
| 7:00 PM  | 15       | 0          | 83                 | 1     | 1                 | 0                | 100   |
| 7:15 PM  | 14       | 0          | 115                | 1     | 0                 | 0                | 130   |
| 7:30 PM  | 7        | 2          | 96                 | 0     | 1                 | 0                | 106   |
| 7:45 PM  | 8        | 0          | 73                 | 0     | 1                 | 0                | 82    |
| 8:00 PM  | 6        | 0          | 67                 | 2     | 0                 | 0                | 75    |
| 8:15 PM  | 4        | 0          | 70                 | 0     | 0                 | 0                | 74    |
| 8:30 PM  | 4        | 1          | 60                 | 1     | 0                 | 0                | 66    |
| 8:45 PM  | 3        | 3          | 41                 | 0     | 0                 | 0                | 47    |
| 9:00 PM  | 3        | 0          | 48                 | 1     | 1                 | 0                | 53    |
| 9:15 PM  | 10       | 0          | 60                 | 1     | 0                 | 0                | 71    |
| 9:30 PM  | 5        | 1          | 53                 | 1     | 0                 | 0                | 60    |
| 9:45 PM  | 5        | 0          | 44                 | 0     | 0                 | 0                | 49    |
| 10:00 PM | 0        | 1          | 48                 | 0     | 0                 | 0                | 49    |
| 10:15 PM | 2        | 0          | 47                 | 0     | 0                 | 0                | 49    |
| 10:30 PM | 0        | 0          | 24                 | 1     | 1                 | 0                | 26    |
| 10:45 PM | 3        | 1          | 27                 | 0     | 0                 | 0                | 31    |
| 11:00 PM | 5        | 0          | 34                 | 0     | 0                 | 0                | 39    |
| 11:15 PM | 2        | 1          | 24                 | 1     | 0                 | 0                | 28    |
| 11:30 PM | 2        | 0          | 14                 | 0     | 0                 | 0                | 16    |
| 11:45 PM | 1        | 0          | 19                 | 1     | 0                 | 0                | 21    |

|                   |                |                |                |                |                |                |                |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>AM Total</b>   | <b>80</b>      | <b>14</b>      | <b>1441</b>    | <b>54</b>      | <b>94</b>      | <b>3</b>       | <b>1686</b>    |
| <b>Percentage</b> | <b>4.74%</b>   | <b>0.83%</b>   | <b>85.47%</b>  | <b>3.20%</b>   | <b>5.58%</b>   | <b>0.18%</b>   |                |
| <b>AM Peak</b>    | <b>7:30 AM</b> | <b>8:00 AM</b> | <b>7:30 AM</b> | <b>7:30 AM</b> | <b>9:45 AM</b> | <b>9:45 AM</b> | <b>7:30 AM</b> |
| <b>Volume</b>     | <b>28</b>      | <b>4</b>       | <b>322</b>     | <b>18</b>      | <b>24</b>      | <b>2</b>       | <b>378</b>     |

|                   |                |                |                |                |                 |                |                |
|-------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>PM Total</b>   | <b>474</b>     | <b>29</b>      | <b>3849</b>    | <b>67</b>      | <b>48</b>       | <b>7</b>       | <b>4474</b>    |
| <b>Percentage</b> | <b>10.59%</b>  | <b>0.65%</b>   | <b>86.03%</b>  | <b>1.50%</b>   | <b>1.07%</b>    | <b>0.16%</b>   |                |
| <b>PM Peak</b>    | <b>5:15 PM</b> | <b>5:45 PM</b> | <b>4:15 PM</b> | <b>1:00 PM</b> | <b>12:45 PM</b> | <b>4:30 PM</b> | <b>4:15 PM</b> |
| <b>Volume</b>     | <b>123</b>     | <b>9</b>       | <b>529</b>     | <b>14</b>      | <b>16</b>       | <b>3</b>       | <b>618</b>     |
| <b>Day Total</b>  | <b>554</b>     | <b>43</b>      | <b>5290</b>    | <b>121</b>     | <b>142</b>      | <b>10</b>      | <b>6160</b>    |
| <b>Percentage</b> | <b>8.99%</b>   | <b>0.70%</b>   | <b>85.88%</b>  | <b>1.96%</b>   | <b>2.31%</b>    | <b>0.16%</b>   |                |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**

157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR A**

**Count Date: Thursday, September 12, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 0          | 19                 | 0     | 0                 | 0                | 19    |
| 12:15 AM | 0        | 0          | 17                 | 0     | 1                 | 0                | 18    |
| 12:30 AM | 1        | 0          | 16                 | 1     | 0                 | 0                | 18    |
| 12:45 AM | 0        | 0          | 13                 | 0     | 0                 | 0                | 13    |
| 1:00 AM  | 0        | 1          | 6                  | 1     | 1                 | 0                | 9     |
| 1:15 AM  | 0        | 0          | 9                  | 1     | 0                 | 0                | 10    |
| 1:30 AM  | 1        | 0          | 5                  | 0     | 0                 | 0                | 6     |
| 1:45 AM  | 0        | 0          | 5                  | 1     | 1                 | 0                | 7     |
| 2:00 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 2:15 AM  | 0        | 0          | 4                  | 0     | 1                 | 0                | 5     |
| 2:30 AM  | 1        | 0          | 3                  | 0     | 0                 | 0                | 4     |
| 2:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:00 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 3:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:45 AM  | 0        | 0          | 3                  | 0     | 2                 | 0                | 5     |
| 4:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:15 AM  | 0        | 0          | 5                  | 0     | 1                 | 0                | 6     |
| 4:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 1                | 3     |
| 4:45 AM  | 0        | 0          | 10                 | 0     | 0                 | 0                | 10    |
| 5:00 AM  | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 5:15 AM  | 1        | 0          | 18                 | 0     | 1                 | 0                | 20    |
| 5:30 AM  | 0        | 0          | 20                 | 0     | 0                 | 0                | 20    |
| 5:45 AM  | 0        | 0          | 18                 | 0     | 1                 | 0                | 19    |
| 6:00 AM  | 0        | 0          | 23                 | 1     | 2                 | 0                | 26    |
| 6:15 AM  | 4        | 0          | 30                 | 1     | 1                 | 0                | 36    |
| 6:30 AM  | 1        | 0          | 32                 | 3     | 0                 | 0                | 36    |
| 6:45 AM  | 1        | 0          | 45                 | 3     | 2                 | 0                | 51    |
| 7:00 AM  | 1        | 0          | 51                 | 2     | 3                 | 0                | 57    |
| 7:15 AM  | 2        | 0          | 61                 | 2     | 2                 | 1                | 68    |
| 7:30 AM  | 6        | 0          | 65                 | 2     | 4                 | 3                | 80    |
| 7:45 AM  | 2        | 1          | 72                 | 8     | 3                 | 0                | 86    |
| 8:00 AM  | 8        | 0          | 71                 | 1     | 1                 | 0                | 81    |
| 8:15 AM  | 4        | 0          | 80                 | 2     | 1                 | 0                | 87    |
| 8:30 AM  | 5        | 0          | 63                 | 2     | 5                 | 0                | 75    |
| 8:45 AM  | 2        | 2          | 54                 | 3     | 4                 | 0                | 65    |
| 9:00 AM  | 6        | 0          | 51                 | 2     | 3                 | 0                | 62    |
| 9:15 AM  | 1        | 0          | 50                 | 1     | 3                 | 0                | 55    |
| 9:30 AM  | 1        | 0          | 40                 | 1     | 2                 | 1                | 45    |
| 9:45 AM  | 3        | 0          | 52                 | 1     | 4                 | 0                | 60    |
| 10:00 AM | 3        | 0          | 36                 | 0     | 6                 | 0                | 45    |
| 10:15 AM | 1        | 0          | 47                 | 2     | 8                 | 0                | 58    |
| 10:30 AM | 2        | 0          | 42                 | 1     | 3                 | 0                | 48    |
| 10:45 AM | 1        | 0          | 46                 | 0     | 8                 | 0                | 55    |
| 11:00 AM | 0        | 1          | 64                 | 2     | 6                 | 0                | 73    |
| 11:15 AM | 2        | 0          | 60                 | 0     | 5                 | 0                | 67    |
| 11:30 AM | 4        | 1          | 69                 | 0     | 5                 | 1                | 80    |
| 11:45 AM | 4        | 0          | 83                 | 2     | 1                 | 0                | 90    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 5        | 1          | 62                 | 0     | 5                 | 0                | 73    |
| 12:15 PM | 7        | 0          | 58                 | 2     | 4                 | 0                | 71    |
| 12:30 PM | 3        | 1          | 68                 | 1     | 5                 | 1                | 79    |
| 12:45 PM | 8        | 0          | 66                 | 0     | 3                 | 0                | 77    |
| 1:00 PM  | 4        | 0          | 68                 | 1     | 3                 | 1                | 77    |
| 1:15 PM  | 6        | 0          | 81                 | 2     | 0                 | 0                | 89    |
| 1:30 PM  | 7        | 0          | 74                 | 3     | 3                 | 0                | 87    |
| 1:45 PM  | 3        | 0          | 85                 | 1     | 3                 | 1                | 93    |
| 2:00 PM  | 8        | 0          | 91                 | 3     | 7                 | 0                | 109   |
| 2:15 PM  | 6        | 0          | 85                 | 2     | 3                 | 1                | 97    |
| 2:30 PM  | 7        | 0          | 91                 | 0     | 0                 | 0                | 98    |
| 2:45 PM  | 11       | 0          | 88                 | 2     | 4                 | 1                | 106   |
| 3:00 PM  | 12       | 1          | 109                | 2     | 3                 | 0                | 127   |
| 3:15 PM  | 13       | 0          | 129                | 3     | 4                 | 0                | 149   |
| 3:30 PM  | 7        | 0          | 126                | 5     | 0                 | 0                | 138   |
| 3:45 PM  | 9        | 0          | 122                | 5     | 0                 | 0                | 136   |
| 4:00 PM  | 12       | 2          | 121                | 1     | 1                 | 1                | 138   |
| 4:15 PM  | 16       | 0          | 141                | 2     | 0                 | 0                | 159   |
| 4:30 PM  | 16       | 0          | 117                | 1     | 0                 | 1                | 135   |
| 4:45 PM  | 14       | 0          | 113                | 2     | 0                 | 0                | 129   |
| 5:00 PM  | 16       | 1          | 148                | 2     | 2                 | 0                | 169   |
| 5:15 PM  | 28       | 0          | 137                | 1     | 1                 | 1                | 168   |
| 5:30 PM  | 28       | 0          | 115                | 2     | 1                 | 0                | 146   |
| 5:45 PM  | 34       | 1          | 114                | 0     | 1                 | 0                | 150   |
| 6:00 PM  | 17       | 2          | 120                | 3     | 0                 | 0                | 142   |
| 6:15 PM  | 18       | 2          | 118                | 1     | 1                 | 0                | 140   |
| 6:30 PM  | 16       | 1          | 92                 | 2     | 0                 | 0                | 111   |
| 6:45 PM  | 21       | 1          | 113                | 3     | 0                 | 0                | 138   |
| 7:00 PM  | 10       | 2          | 116                | 1     | 0                 | 0                | 129   |
| 7:15 PM  | 17       | 2          | 104                | 0     | 1                 | 0                | 124   |
| 7:30 PM  | 21       | 2          | 90                 | 1     | 1                 | 0                | 115   |
| 7:45 PM  | 6        | 1          | 83                 | 0     | 1                 | 0                | 91    |
| 8:00 PM  | 13       | 1          | 76                 | 1     | 0                 | 0                | 91    |
| 8:15 PM  | 8        | 2          | 76                 | 0     | 0                 | 0                | 86    |
| 8:30 PM  | 6        | 0          | 63                 | 0     | 1                 | 0                | 70    |
| 8:45 PM  | 2        | 0          | 56                 | 0     | 2                 | 0                | 60    |
| 9:00 PM  | 9        | 0          | 66                 | 0     | 0                 | 0                | 75    |
| 9:15 PM  | 4        | 1          | 58                 | 2     | 0                 | 0                | 65    |
| 9:30 PM  | 3        | 0          | 54                 | 1     | 0                 | 0                | 58    |
| 9:45 PM  | 3        | 0          | 48                 | 0     | 0                 | 0                | 51    |
| 10:00 PM | 7        | 0          | 53                 | 1     | 0                 | 0                | 61    |
| 10:15 PM | 3        | 0          | 37                 | 0     | 0                 | 0                | 40    |
| 10:30 PM | 2        | 0          | 37                 | 2     | 0                 | 0                | 41    |
| 10:45 PM | 1        | 1          | 32                 | 0     | 0                 | 0                | 34    |
| 11:00 PM | 2        | 2          | 29                 | 0     | 1                 | 0                | 34    |
| 11:15 PM | 2        | 0          | 17                 | 0     | 1                 | 0                | 20    |
| 11:30 PM | 0        | 0          | 25                 | 0     | 0                 | 0                | 25    |
| 11:45 PM | 0        | 0          | 19                 | 1     | 0                 | 0                | 20    |

|                   |                |                |                |                |                 |                |                |
|-------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>AM Total</b>   | <b>68</b>      | <b>6</b>       | <b>1482</b>    | <b>46</b>      | <b>92</b>       | <b>7</b>       | <b>1701</b>    |
| <b>Percentage</b> | <b>4.00%</b>   | <b>0.35%</b>   | <b>87.13%</b>  | <b>2.70%</b>   | <b>5.41%</b>    | <b>0.41%</b>   |                |
| <b>AM Peak</b>    | <b>7:30 AM</b> | <b>8:00 AM</b> | <b>7:30 AM</b> | <b>7:00 AM</b> | <b>10:00 AM</b> | <b>6:45 AM</b> | <b>7:30 AM</b> |
| <b>Volume</b>     | <b>20</b>      | <b>2</b>       | <b>288</b>     | <b>14</b>      | <b>25</b>       | <b>4</b>       | <b>334</b>     |

|                   |                |                |                |                |                 |                 |                |
|-------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|
| <b>PM Total</b>   | <b>471</b>     | <b>27</b>      | <b>3991</b>    | <b>62</b>      | <b>62</b>       | <b>8</b>        | <b>4621</b>    |
| <b>Percentage</b> | <b>10.19%</b>  | <b>0.58%</b>   | <b>86.37%</b>  | <b>1.34%</b>   | <b>1.34%</b>    | <b>0.17%</b>    |                |
| <b>PM Peak</b>    | <b>5:15 PM</b> | <b>6:45 PM</b> | <b>4:15 PM</b> | <b>3:00 PM</b> | <b>12:00 PM</b> | <b>12:15 PM</b> | <b>5:00 PM</b> |
| <b>Volume</b>     | <b>107</b>     | <b>7</b>       | <b>519</b>     | <b>15</b>      | <b>17</b>       | <b>2</b>        | <b>633</b>     |
| <b>Day Total</b>  | <b>539</b>     | <b>33</b>      | <b>5473</b>    | <b>108</b>     | <b>154</b>      | <b>15</b>       | <b>6322</b>    |
| <b>Percentage</b> | <b>8.53%</b>   | <b>0.52%</b>   | <b>86.57%</b>  | <b>1.71%</b>   | <b>2.44%</b>    | <b>0.24%</b>    |                |

Broadway  
west of Windsor Street  
City, State: Cambridge, MA  
Client: Kittelson/M. Sanders  
Site Code: 274770.007



PRECISION  
D A T A  
INDUSTRIES, LLC  
157 Washington Street, Suite 2  
Hudson, MA 01749  
508-875-0100 datarequests@pdillc.com

PDI File # 240156 ATR A

Direction: EB

Weekly Report

| Day<br>Date      | Tuesday<br>09/10/24 |                | Wednesday<br>09/11/24 |                | Thursday<br>09/12/24 |                |          |          |          |          |          |          |          |                | Week<br>Ave    |             |
|------------------|---------------------|----------------|-----------------------|----------------|----------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------------|----------------|-------------|
|                  | AM                  | PM             | AM                    | PM             | AM                   | PM             | AM       | PM       | AM       | PM       | AM       | PM       | AM       | PM             | AM             | PM          |
| 12:00            | 13                  | 59             | 14                    | 66             | 10                   | 49             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 12             | 58          |
| 12:15            | 7                   | 54             | 8                     | 66             | 11                   | 68             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 9              | 63          |
| 12:30            | 1                   | 54             | 9                     | 83             | 9                    | 57             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 6              | 65          |
| 12:45            | 5                   | 57             | 3                     | 43             | 6                    | 67             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 5              | 56          |
| 1:00             | 2                   | 55             | 3                     | 64             | 4                    | 62             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 3              | 60          |
| 1:15             | 1                   | 55             | 3                     | 57             | 2                    | 59             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 57          |
| 1:30             | 1                   | 57             | 3                     | 78             | 2                    | 60             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 65          |
| 1:45             | 3                   | 55             | 4                     | 63             | 4                    | 50             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 4              | 56          |
| 2:00             | 0                   | 52             | 3                     | 55             | 2                    | 55             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 54          |
| 2:15             | 0                   | 50             | 0                     | 64             | 2                    | 62             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 1              | 59          |
| 2:30             | 1                   | 54             | 2                     | 61             | 1                    | 69             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 1              | 61          |
| 2:45             | 2                   | 52             | 3                     | 56             | 0                    | 77             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 62          |
| 3:00             | 1                   | 67             | 3                     | 63             | 2                    | 74             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 68          |
| 3:15             | 4                   | 81             | 3                     | 86             | 1                    | 79             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 3              | 82          |
| 3:30             | 2                   | 73             | 4                     | 68             | 3                    | 70             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 3              | 70          |
| 3:45             | 3                   | 78             | 7                     | 71             | 3                    | 94             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 4              | 81          |
| 4:00             | 1                   | 51             | 5                     | 65             | 2                    | 75             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 3              | 64          |
| 4:15             | 2                   | 66             | 7                     | 97             | 3                    | 85             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 4              | 83          |
| 4:30             | 8                   | 69             | 3                     | 72             | 7                    | 88             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 6              | 76          |
| 4:45             | 13                  | 72             | 6                     | 52             | 7                    | 72             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 9              | 65          |
| 5:00             | 12                  | 83             | 10                    | 68             | 12                   | 59             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 11             | 70          |
| 5:15             | 14                  | 79             | 12                    | 96             | 15                   | 86             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 14             | 87          |
| 5:30             | 30                  | 78             | 29                    | 86             | 31                   | 78             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 30             | 81          |
| 5:45             | 48                  | 97             | 46                    | 70             | 42                   | 101            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 45             | 89          |
| 6:00             | 56                  | 89             | 48                    | 63             | 44                   | 81             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 49             | 78          |
| 6:15             | 62                  | 101            | 38                    | 77             | 43                   | 81             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 48             | 86          |
| 6:30             | 69                  | 89             | 72                    | 97             | 78                   | 54             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 73             | 80          |
| 6:45             | 88                  | 71             | 92                    | 78             | 92                   | 52             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 91             | 67          |
| 7:00             | 97                  | 65             | 72                    | 61             | 88                   | 71             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 86             | 66          |
| 7:15             | 94                  | 41             | 91                    | 43             | 111                  | 83             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 99             | 56          |
| 7:30             | 111                 | 51             | 99                    | 70             | 97                   | 62             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 102            | 61          |
| 7:45             | 123                 | 60             | 136                   | 62             | 124                  | 43             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 128            | 55          |
| 8:00             | 148                 | 41             | 133                   | 45             | 119                  | 48             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 133            | 45          |
| 8:15             | 123                 | 44             | 113                   | 55             | 131                  | 51             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 122            | 50          |
| 8:30             | 135                 | 45             | 126                   | 37             | 127                  | 37             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 129            | 40          |
| 8:45             | 154                 | 40             | 138                   | 35             | 154                  | 45             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 149            | 40          |
| 9:00             | 137                 | 35             | 134                   | 47             | 128                  | 40             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 133            | 41          |
| 9:15             | 132                 | 35             | 120                   | 30             | 135                  | 36             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 129            | 34          |
| 9:30             | 121                 | 29             | 122                   | 36             | 99                   | 24             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 114            | 30          |
| 9:45             | 101                 | 27             | 96                    | 36             | 113                  | 35             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 103            | 33          |
| 10:00            | 94                  | 23             | 98                    | 29             | 85                   | 35             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 92             | 29          |
| 10:15            | 89                  | 27             | 99                    | 28             | 95                   | 45             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 94             | 33          |
| 10:30            | 85                  | 29             | 87                    | 21             | 86                   | 38             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 86             | 29          |
| 10:45            | 94                  | 25             | 66                    | 26             | 82                   | 34             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 81             | 28          |
| 11:00            | 69                  | 24             | 65                    | 15             | 71                   | 29             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 68             | 23          |
| 11:15            | 69                  | 16             | 66                    | 12             | 62                   | 16             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 66             | 15          |
| 11:30            | 57                  | 12             | 47                    | 23             | 59                   | 26             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 54             | 20          |
| 11:45            | 49                  | 14             | 52                    | 8              | 72                   | 14             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 58             | 12          |
| <b>Total</b>     | <b>2531</b>         | <b>2581</b>    | <b>2400</b>           | <b>2684</b>    | <b>2476</b>          | <b>2776</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>2469</b>    | <b>2680</b> |
| <b>Day Total</b> | <b>5112</b>         |                | <b>5084</b>           |                | <b>5252</b>          |                | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>5149</b>    |                |             |
| <b>Peak HR</b>   | <b>8:00 AM</b>      | <b>5:45 PM</b> | <b>8:30 AM</b>        | <b>5:00 PM</b> | <b>8:30 AM</b>       | <b>5:15 PM</b> |          |          |          |          |          |          |          | <b>8:30 AM</b> | <b>5:15 PM</b> |             |
| <b>Volume</b>    | <b>560</b>          | <b>376</b>     | <b>518</b>            | <b>320</b>     | <b>544</b>           | <b>346</b>     |          |          |          |          |          |          |          | <b>540</b>     | <b>335</b>     |             |



Broadway  
west of Windsor Street  
City, State: Cambridge, MA  
Client: Kittelson/M. Sanders  
Site Code: 274770.007



PRECISION  
D A T A  
INDUSTRIES, LLC  
157 Washington Street, Suite 2  
Hudson, MA 01749  
508-875-0100 datarequests@pdillc.com

PDI File # 240156 ATR A

Direction: WB

Weekly Report

| Day<br>Date      | Tuesday<br>09/10/24 |                | Wednesday<br>09/11/24 |                | Thursday<br>09/12/24 |                |          |          |          |          |          |          |          |          | Week<br>Ave    |                |
|------------------|---------------------|----------------|-----------------------|----------------|----------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|----------------|
|                  | AM                  | PM             | AM                    | PM             | AM                   | PM             | AM       | PM       | AM       | PM       | AM       | PM       | AM       | PM       | AM             | PM             |
| 12:00            | 10                  | 76             | 17                    | 72             | 19                   | 73             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 15             | 74             |
| 12:15            | 11                  | 71             | 11                    | 74             | 18                   | 71             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 13             | 72             |
| 12:30            | 7                   | 69             | 13                    | 84             | 18                   | 79             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 13             | 77             |
| 12:45            | 9                   | 63             | 2                     | 98             | 13                   | 77             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 8              | 79             |
| 1:00             | 5                   | 76             | 10                    | 81             | 9                    | 77             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 8              | 78             |
| 1:15             | 7                   | 69             | 8                     | 89             | 10                   | 89             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 8              | 82             |
| 1:30             | 3                   | 76             | 5                     | 96             | 6                    | 87             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5              | 86             |
| 1:45             | 2                   | 81             | 4                     | 92             | 7                    | 93             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 89             |
| 2:00             | 8                   | 96             | 1                     | 97             | 4                    | 109            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 101            |
| 2:15             | 3                   | 102            | 3                     | 97             | 5                    | 97             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 99             |
| 2:30             | 1                   | 112            | 4                     | 114            | 4                    | 98             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 108            |
| 2:45             | 0                   | 108            | 3                     | 110            | 3                    | 106            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 108            |
| 3:00             | 2                   | 105            | 2                     | 131            | 2                    | 127            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 121            |
| 3:15             | 3                   | 132            | 2                     | 105            | 2                    | 149            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 129            |
| 3:30             | 2                   | 133            | 2                     | 100            | 2                    | 138            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 124            |
| 3:45             | 1                   | 127            | 3                     | 142            | 5                    | 136            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 135            |
| 4:00             | 1                   | 133            | 3                     | 142            | 1                    | 138            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 138            |
| 4:15             | 2                   | 159            | 3                     | 143            | 6                    | 159            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 154            |
| 4:30             | 8                   | 173            | 6                     | 171            | 3                    | 135            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6              | 160            |
| 4:45             | 7                   | 160            | 8                     | 153            | 10                   | 129            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 8              | 147            |
| 5:00             | 15                  | 157            | 9                     | 151            | 9                    | 169            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 11             | 159            |
| 5:15             | 19                  | 180            | 19                    | 139            | 20                   | 168            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 19             | 162            |
| 5:30             | 22                  | 169            | 19                    | 139            | 20                   | 146            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 20             | 151            |
| 5:45             | 19                  | 149            | 21                    | 164            | 19                   | 150            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 20             | 154            |
| 6:00             | 28                  | 144            | 24                    | 142            | 26                   | 142            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 26             | 143            |
| 6:15             | 26                  | 154            | 26                    | 141            | 36                   | 140            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 29             | 145            |
| 6:30             | 41                  | 138            | 43                    | 114            | 36                   | 111            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 40             | 121            |
| 6:45             | 54                  | 130            | 40                    | 121            | 51                   | 138            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 48             | 130            |
| 7:00             | 52                  | 115            | 60                    | 100            | 57                   | 129            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 56             | 115            |
| 7:15             | 60                  | 102            | 68                    | 130            | 68                   | 124            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 65             | 119            |
| 7:30             | 86                  | 93             | 93                    | 106            | 80                   | 115            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 86             | 105            |
| 7:45             | 94                  | 77             | 98                    | 82             | 86                   | 91             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 93             | 83             |
| 8:00             | 91                  | 87             | 90                    | 75             | 81                   | 91             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 87             | 84             |
| 8:15             | 94                  | 69             | 97                    | 74             | 87                   | 86             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 93             | 76             |
| 8:30             | 99                  | 73             | 81                    | 66             | 75                   | 70             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 85             | 70             |
| 8:45             | 81                  | 57             | 67                    | 47             | 65                   | 60             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 71             | 55             |
| 9:00             | 63                  | 52             | 64                    | 53             | 62                   | 75             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 63             | 60             |
| 9:15             | 62                  | 58             | 70                    | 71             | 55                   | 65             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 62             | 65             |
| 9:30             | 72                  | 62             | 64                    | 60             | 45                   | 58             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 60             | 60             |
| 9:45             | 52                  | 41             | 64                    | 49             | 60                   | 51             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 59             | 47             |
| 10:00            | 72                  | 39             | 50                    | 49             | 45                   | 61             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 56             | 50             |
| 10:15            | 54                  | 36             | 55                    | 49             | 58                   | 40             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 56             | 42             |
| 10:30            | 49                  | 39             | 63                    | 26             | 48                   | 41             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 53             | 35             |
| 10:45            | 49                  | 24             | 58                    | 31             | 55                   | 34             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 54             | 30             |
| 11:00            | 55                  | 28             | 62                    | 39             | 73                   | 34             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 63             | 34             |
| 11:15            | 70                  | 24             | 57                    | 28             | 67                   | 20             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 65             | 24             |
| 11:30            | 68                  | 27             | 50                    | 16             | 80                   | 25             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 66             | 23             |
| 11:45            | 74                  | 14             | 64                    | 21             | 90                   | 20             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 76             | 18             |
| <b>Total</b>     | <b>1713</b>         | <b>4459</b>    | <b>1686</b>           | <b>4474</b>    | <b>1701</b>          | <b>4621</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>1700</b>    | <b>4518</b>    |
| <b>Day Total</b> | <b>6172</b>         |                | <b>6160</b>           |                | <b>6322</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>6218</b>    |                |
| <b>Peak HR</b>   | <b>7:45 AM</b>      | <b>4:30 PM</b> | <b>7:30 AM</b>        | <b>4:15 PM</b> | <b>7:30 AM</b>       | <b>5:00 PM</b> |          |          |          |          |          |          |          |          | <b>7:30 AM</b> | <b>4:30 PM</b> |
| <b>Volume</b>    | <b>378</b>          | <b>670</b>     | <b>378</b>            | <b>618</b>     | <b>334</b>           | <b>633</b>     |          |          |          |          |          |          |          |          | <b>359</b>     | <b>628</b>     |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

**Speed (60-minute)**

| EB             |              |              |               |               |               |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 1            | 1            | 8             | 7             | 5             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 22          | 30.9        | 25.7        |
| 1:00 AM        | 0            | 0            | 1             | 4             | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 5           | 26.6        | 25.4        |
| 2:00 AM        | 1            | 1            | 2             | 3             | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 7           | 27.2        | 20.7        |
| 3:00 AM        | 0            | 1            | 4             | 1             | 1             | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 8           | 32.8        | 26.6        |
| 4:00 AM        | 0            | 1            | 0             | 4             | 11            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 17          | 32.6        | 29.5        |
| 5:00 AM        | 0            | 2            | 7             | 36            | 31            | 3            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 81          | 32.0        | 29.1        |
| 6:00 AM        | 4            | 7            | 35            | 105           | 39            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 193         | 30.0        | 26.5        |
| 7:00 AM        | 3            | 21           | 51            | 67            | 16            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 158         | 29.0        | 24.3        |
| 8:00 AM        | 10           | 26           | 106           | 75            | 12            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 230         | 27.0        | 22.9        |
| 9:00 AM        | 17           | 26           | 88            | 71            | 12            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 215         | 28.0        | 22.7        |
| 10:00 AM       | 23           | 18           | 68            | 100           | 22            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 233         | 29.0        | 23.4        |
| 11:00 AM       | 13           | 12           | 63            | 52            | 21            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 165         | 29.4        | 24.1        |
| 12:00 PM       | 13           | 5            | 44            | 52            | 7             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 121         | 28.0        | 23.2        |
| 1:00 PM        | 8            | 18           | 62            | 32            | 12            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 132         | 27.4        | 22.8        |
| 2:00 PM        | 6            | 6            | 56            | 60            | 11            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 140         | 28.2        | 24.2        |
| 3:00 PM        | 0            | 5            | 21            | 34            | 10            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 71          | 29.5        | 25.6        |
| 4:00 PM        | 10           | 10           | 63            | 44            | 4             | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 132         | 27.0        | 22.9        |
| 5:00 PM        | 13           | 22           | 89            | 43            | 9             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 177         | 26.0        | 21.9        |
| 6:00 PM        | 13           | 18           | 74            | 59            | 8             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 173         | 27.0        | 22.8        |
| 7:00 PM        | 5            | 16           | 63            | 41            | 11            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 136         | 27.0        | 23.3        |
| 8:00 PM        | 4            | 6            | 46            | 51            | 11            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 118         | 27.0        | 23.8        |
| 9:00 PM        | 4            | 7            | 39            | 37            | 8             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 96          | 28.0        | 24.1        |
| 10:00 PM       | 3            | 6            | 31            | 21            | 10            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 74          | 30.1        | 24.5        |
| 11:00 PM       | 1            | 4            | 17            | 24            | 6             | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 54          | 29.1        | 25.5        |
| <b>Total</b>   | <b>152</b>   | <b>239</b>   | <b>1038</b>   | <b>1023</b>   | <b>277</b>    | <b>23</b>    | <b>5</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>2758</b> | <b>29.0</b> | <b>23.8</b> |
| <b>Percent</b> | <b>5.51%</b> | <b>8.67%</b> | <b>37.64%</b> | <b>37.09%</b> | <b>10.04%</b> | <b>0.83%</b> | <b>0.18%</b> | <b>0.04%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

**AM Peak** 10:00 AM 8:00 AM 8:00 AM 6:00 AM 6:00 AM 5:00 AM 5:00 AM 10:00 AM  
**Volume** 23 26 106 105 39 3 2 0 0 0 0 0 0 233

**PM Peak** 12:00 PM 5:00 PM 5:00 PM 2:00 PM 1:00 PM 10:00 PM 4:00 PM 11:00 PM 5:00 PM  
**Volume** 13 22 89 60 12 3 1 1 0 0 0 0 0 177

15th Percentile: 20.0 MPH      Average Speed: 23.8 MPH      Posted Speed Limit: 25 MPH  
50th Percentile: 24.0 MPH      10 MPH Pace: 20 to 29 MPH      Number of Vehicles > 25 MPH: 1039  
85th Percentile: 29.0 MPH      Number in Pace: 2061      Percent of Vehicles > 25 MPH: 37.7%  
95th Percentile: 31.0 MPH      Percent in Pace: 74.7%

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

**Speed (60-minute)**

| WB             |              |               |               |               |               |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 0            | 2             | 11            | 19            | 3             | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 40          | 31.5        | 26.4        |
| 1:00 AM        | 0            | 3             | 4             | 4             | 4             | 3            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 19          | 35.3        | 28.2        |
| 2:00 AM        | 0            | 0             | 6             | 3             | 2             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 12          | 32.4        | 26.3        |
| 3:00 AM        | 1            | 1             | 2             | 0             | 1             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 7           | 35.0        | 24.9        |
| 4:00 AM        | 1            | 0             | 4             | 5             | 6             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 19          | 34.3        | 28.6        |
| 5:00 AM        | 0            | 1             | 16            | 27            | 21            | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 73          | 34.0        | 28.3        |
| 6:00 AM        | 1            | 16            | 44            | 38            | 29            | 10           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 142         | 32.0        | 26.3        |
| 7:00 AM        | 3            | 47            | 99            | 38            | 31            | 14           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 234         | 31.0        | 24.4        |
| 8:00 AM        | 5            | 43            | 125           | 77            | 36            | 13           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 299         | 31.0        | 24.3        |
| 9:00 AM        | 2            | 31            | 89            | 53            | 32            | 7            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 216         | 31.0        | 24.5        |
| 10:00 AM       | 1            | 26            | 70            | 54            | 37            | 7            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 196         | 31.0        | 25.1        |
| 11:00 AM       | 2            | 27            | 81            | 58            | 35            | 7            | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 215         | 31.0        | 25.2        |
| 12:00 PM       | 3            | 19            | 81            | 54            | 35            | 18           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 212         | 32.0        | 25.8        |
| 1:00 PM        | 2            | 34            | 92            | 50            | 38            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 228         | 32.0        | 24.8        |
| 2:00 PM        | 4            | 44            | 114           | 81            | 44            | 13           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 302         | 31.0        | 24.6        |
| 3:00 PM        | 19           | 80            | 117           | 49            | 36            | 10           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 313         | 30.0        | 22.7        |
| 4:00 PM        | 30           | 104           | 121           | 47            | 47            | 9            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 361         | 30.0        | 22.3        |
| 5:00 PM        | 58           | 104           | 109           | 36            | 32            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 345         | 27.0        | 20.5        |
| 6:00 PM        | 13           | 83            | 163           | 73            | 53            | 23           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 411         | 31.0        | 23.9        |
| 7:00 PM        | 12           | 65            | 117           | 54            | 39            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 299         | 31.0        | 23.5        |
| 8:00 PM        | 8            | 32            | 102           | 69            | 36            | 16           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 265         | 31.0        | 24.8        |
| 9:00 PM        | 8            | 21            | 81            | 43            | 36            | 5            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 196         | 32.0        | 24.6        |
| 10:00 PM       | 6            | 16            | 32            | 37            | 18            | 8            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 118         | 31.0        | 25.3        |
| 11:00 PM       | 4            | 11            | 23            | 29            | 11            | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 84          | 31.0        | 25.2        |
| <b>Total</b>   | <b>183</b>   | <b>810</b>    | <b>1703</b>   | <b>998</b>    | <b>662</b>    | <b>214</b>   | <b>32</b>    | <b>4</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>4606</b> | <b>31.0</b> | <b>24.1</b> |
| <b>Percent</b> | <b>3.97%</b> | <b>17.59%</b> | <b>36.97%</b> | <b>21.67%</b> | <b>14.37%</b> | <b>4.65%</b> | <b>0.69%</b> | <b>0.09%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |          |         |         |         |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|----------|---------|---------|---------|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 8:00 AM | 7:00 AM | 8:00 AM | 8:00 AM | 10:00 AM | 7:00 AM | 6:00 AM | 1:00 AM |   |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 5       | 47      | 125     | 77      | 37       | 14      | 4       | 1       | 0 | 0 | 0 | 0 | 0 | 0   | 299     |
| <b>PM Peak</b> | 5:00 PM | 4:00 PM | 6:00 PM | 2:00 PM | 6:00 PM  | 6:00 PM | 4:00 PM | 9:00 PM |   |   |   |   |   |     | 6:00 PM |
| <b>Volume</b>  | 58      | 104     | 163     | 81      | 53       | 23      | 3       | 1       | 0 | 0 | 0 | 0 | 0 | 411 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 18.0 MPH | Average Speed:   | 24.1 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 23.0 MPH | 10 MPH Pace:     | 19 to 28 MPH | Number of Vehicles > 25 MPH:  | 1625   |
| 85th Percentile: | 31.0 MPH | Number in Pace:  | 2888         | Percent of Vehicles > 25 MPH: | 35.3%  |
| 95th Percentile: | 35.0 MPH | Percent in Pace: | 62.7%        |                               |        |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

**Speed (60-minute)**

**Combined EB and WB**

| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 1            | 3             | 19            | 26            | 8             | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 62          | 31.0        | 26.2        |
| 1:00 AM        | 0            | 3             | 5             | 8             | 4             | 3            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 24          | 34.6        | 27.6        |
| 2:00 AM        | 1            | 1             | 8             | 6             | 2             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 19          | 29.9        | 24.3        |
| 3:00 AM        | 1            | 2             | 6             | 1             | 2             | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 15          | 34.8        | 25.8        |
| 4:00 AM        | 1            | 1             | 4             | 9             | 17            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 36          | 33.8        | 29.0        |
| 5:00 AM        | 0            | 3             | 23            | 63            | 52            | 11           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 154         | 33.0        | 28.7        |
| 6:00 AM        | 5            | 23            | 79            | 143           | 68            | 13           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 335         | 31.0        | 26.4        |
| 7:00 AM        | 6            | 68            | 150           | 105           | 47            | 14           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 392         | 30.0        | 24.4        |
| 8:00 AM        | 15           | 69            | 231           | 152           | 48            | 14           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 529         | 28.0        | 23.7        |
| 9:00 AM        | 19           | 57            | 177           | 124           | 44            | 8            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 431         | 28.0        | 23.6        |
| 10:00 AM       | 24           | 44            | 138           | 154           | 59            | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 429         | 30.0        | 24.2        |
| 11:00 AM       | 15           | 39            | 144           | 110           | 56            | 10           | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 380         | 31.0        | 24.8        |
| 12:00 PM       | 16           | 24            | 125           | 106           | 42            | 18           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 333         | 31.0        | 24.8        |
| 1:00 PM        | 10           | 52            | 154           | 82            | 50            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 360         | 31.0        | 24.0        |
| 2:00 PM        | 10           | 50            | 170           | 141           | 55            | 14           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 442         | 30.0        | 24.5        |
| 3:00 PM        | 19           | 85            | 138           | 83            | 46            | 11           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 384         | 30.0        | 23.2        |
| 4:00 PM        | 40           | 114           | 184           | 91            | 51            | 9            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 493         | 28.0        | 22.4        |
| 5:00 PM        | 71           | 126           | 198           | 79            | 41            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 522         | 26.9        | 20.9        |
| 6:00 PM        | 26           | 101           | 237           | 132           | 61            | 24           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 584         | 29.6        | 23.5        |
| 7:00 PM        | 17           | 81            | 180           | 95            | 50            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 435         | 29.0        | 23.4        |
| 8:00 PM        | 12           | 38            | 148           | 120           | 47            | 16           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 383         | 30.0        | 24.5        |
| 9:00 PM        | 12           | 28            | 120           | 80            | 44            | 6            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 292         | 31.0        | 24.4        |
| 10:00 PM       | 9            | 22            | 63            | 58            | 28            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 192         | 31.0        | 25.0        |
| 11:00 PM       | 5            | 15            | 40            | 53            | 17            | 5            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 138         | 30.5        | 25.3        |
| <b>Total</b>   | <b>335</b>   | <b>1049</b>   | <b>2741</b>   | <b>2021</b>   | <b>939</b>    | <b>237</b>   | <b>37</b>    | <b>5</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>7364</b> | <b>30.0</b> | <b>24.0</b> |
| <b>Percent</b> | <b>4.55%</b> | <b>14.24%</b> | <b>37.22%</b> | <b>27.44%</b> | <b>12.75%</b> | <b>3.22%</b> | <b>0.50%</b> | <b>0.07%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |          |         |         |          |         |         |          |         |   |   |   |   |   |   |         |
|----------------|----------|---------|---------|----------|---------|---------|----------|---------|---|---|---|---|---|---|---------|
| <b>AM Peak</b> | 10:00 AM | 8:00 AM | 8:00 AM | 10:00 AM | 6:00 AM | 7:00 AM | 11:00 AM | 1:00 AM |   |   |   |   |   |   | 8:00 AM |
| <b>Volume</b>  | 24       | 69      | 231     | 154      | 68      | 14      | 5        | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 529     |

|                |         |         |         |         |         |         |         |         |   |   |   |   |   |   |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---|---|---|---|---|---|---------|
| <b>PM Peak</b> | 5:00 PM | 5:00 PM | 6:00 PM | 2:00 PM | 6:00 PM | 6:00 PM | 4:00 PM | 9:00 PM |   |   |   |   |   |   | 6:00 PM |
| <b>Volume</b>  | 71      | 126     | 237     | 141     | 61      | 24      | 4       | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 584     |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 19.0 MPH | Average Speed:   | 24.0 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 24.0 MPH | 10 MPH Pace:     | 19 to 28 MPH | Number of Vehicles > 25 MPH:  | 2664   |
| 85th Percentile: | 30.0 MPH | Number in Pace:  | 4920         | Percent of Vehicles > 25 MPH: | 36.2%  |
| 95th Percentile: | 34.0 MPH | Percent in Pace: | 66.8%        |                               |        |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

**Speed (60-minute)**

| EB             |              |               |               |               |              |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 0            | 0             | 9             | 10            | 2            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 24          | 32.2        | 27.2        |
| 1:00 AM        | 0            | 0             | 3             | 3             | 2            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 10          | 34.3        | 28.3        |
| 2:00 AM        | 2            | 0             | 2             | 1             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 5           | 23.8        | 19.6        |
| 3:00 AM        | 0            | 0             | 3             | 4             | 3            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 12          | 34.4        | 28.3        |
| 4:00 AM        | 0            | 0             | 1             | 5             | 7            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 14          | 31.2        | 29.5        |
| 5:00 AM        | 4            | 3             | 4             | 37            | 22           | 7            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 79          | 32.3        | 28.1        |
| 6:00 AM        | 3            | 8             | 26            | 94            | 37           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 175         | 31.0        | 27.1        |
| 7:00 AM        | 8            | 16            | 36            | 70            | 19           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 149         | 29.0        | 24.3        |
| 8:00 AM        | 19           | 33            | 71            | 61            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 190         | 26.0        | 21.8        |
| 9:00 AM        | 10           | 33            | 95            | 62            | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 214         | 27.0        | 22.9        |
| 10:00 AM       | 14           | 15            | 68            | 66            | 17           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 181         | 28.0        | 23.5        |
| 11:00 AM       | 7            | 8             | 51            | 57            | 16           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 142         | 29.0        | 24.8        |
| 12:00 PM       | 7            | 12            | 47            | 59            | 14           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 140         | 28.2        | 24.3        |
| 1:00 PM        | 8            | 13            | 23            | 28            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 74          | 27.0        | 21.8        |
| 2:00 PM        | 10           | 13            | 56            | 52            | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 141         | 28.0        | 23.4        |
| 3:00 PM        | 8            | 17            | 58            | 76            | 20           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 180         | 29.0        | 24.4        |
| 4:00 PM        | 2            | 23            | 72            | 54            | 11           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 164         | 27.0        | 23.5        |
| 5:00 PM        | 10           | 40            | 75            | 30            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 157         | 26.0        | 21.1        |
| 6:00 PM        | 8            | 33            | 60            | 39            | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 150         | 27.0        | 22.3        |
| 7:00 PM        | 3            | 24            | 66            | 41            | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 144         | 27.0        | 23.1        |
| 8:00 PM        | 9            | 18            | 46            | 41            | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 120         | 27.0        | 22.7        |
| 9:00 PM        | 2            | 5             | 42            | 53            | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 110         | 28.0        | 24.6        |
| 10:00 PM       | 3            | 6             | 29            | 32            | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 76          | 28.0        | 23.9        |
| 11:00 PM       | 2            | 3             | 10            | 20            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 47          | 31.0        | 25.6        |
| <b>Total</b>   | <b>139</b>   | <b>323</b>    | <b>953</b>    | <b>995</b>    | <b>250</b>   | <b>33</b>    | <b>5</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>2698</b> | <b>29.0</b> | <b>23.8</b> |
| <b>Percent</b> | <b>5.15%</b> | <b>11.97%</b> | <b>35.32%</b> | <b>36.88%</b> | <b>9.27%</b> | <b>1.22%</b> | <b>0.19%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |         |   |   |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---|---|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 9:00 AM | 6:00 AM | 6:00 AM | 5:00 AM | 5:00 AM |   |   |   |   |   |   |   |     | 9:00 AM |
| <b>Volume</b>  | 19      | 33      | 95      | 94      | 37      | 7       | 2       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 214     |
| <b>PM Peak</b> | 2:00 PM | 5:00 PM | 5:00 PM | 3:00 PM | 3:00 PM | 4:00 PM |         |   |   |   |   |   |   |   |     | 3:00 PM |
| <b>Volume</b>  | 10      | 40      | 75      | 76      | 20      | 2       | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 180 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 19.0 MPH | Average Speed:   | 23.8 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 24.0 MPH | 10 MPH Pace:     | 20 to 29 MPH | Number of Vehicles > 25 MPH:  | 1029   |
| 85th Percentile: | 29.0 MPH | Number in Pace:  | 1948         | Percent of Vehicles > 25 MPH: | 38.1%  |
| 95th Percentile: | 31.0 MPH | Percent in Pace: | 72.2%        |                               |        |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

**Speed (60-minute)**

| WB             |              |               |               |               |               |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 1            | 3             | 13            | 15            | 11            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 45          | 31.4        | 26.4        |
| 1:00 AM        | 0            | 1             | 3             | 10            | 6             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 23          | 32.4        | 28.2        |
| 2:00 AM        | 0            | 0             | 3             | 2             | 6             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 11          | 31.5        | 27.3        |
| 3:00 AM        | 0            | 1             | 4             | 0             | 0             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 6           | 27.8        | 24.8        |
| 4:00 AM        | 0            | 1             | 6             | 4             | 5             | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 20          | 35.2        | 28.6        |
| 5:00 AM        | 1            | 3             | 16            | 15            | 16            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 54          | 32.0        | 26.7        |
| 6:00 AM        | 0            | 16            | 28            | 41            | 19            | 8            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 113         | 32.0        | 26.0        |
| 7:00 AM        | 8            | 39            | 124           | 54            | 48            | 16           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 289         | 31.8        | 24.5        |
| 8:00 AM        | 5            | 28            | 118           | 70            | 40            | 14           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 277         | 31.0        | 25.0        |
| 9:00 AM        | 2            | 28            | 98            | 62            | 26            | 10           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 227         | 30.1        | 24.7        |
| 10:00 AM       | 3            | 28            | 75            | 55            | 26            | 7            | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 199         | 31.0        | 24.8        |
| 11:00 AM       | 1            | 28            | 75            | 57            | 29            | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 204         | 32.0        | 25.1        |
| 12:00 PM       | 1            | 32            | 120           | 65            | 45            | 14           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 282         | 32.0        | 25.3        |
| 1:00 PM        | 4            | 34            | 78            | 40            | 23            | 12           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 193         | 32.0        | 24.3        |
| 2:00 PM        | 5            | 58            | 108           | 56            | 34            | 13           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 277         | 31.0        | 23.9        |
| 3:00 PM        | 9            | 57            | 131           | 80            | 63            | 9            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 353         | 31.0        | 24.4        |
| 4:00 PM        | 41           | 98            | 111           | 57            | 35            | 16           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 358         | 29.0        | 22.0        |
| 5:00 PM        | 86           | 94            | 71            | 24            | 15            | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 298         | 25.0        | 18.8        |
| 6:00 PM        | 16           | 68            | 159           | 89            | 39            | 17           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 388         | 29.0        | 23.5        |
| 7:00 PM        | 8            | 68            | 147           | 72            | 40            | 16           | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 353         | 31.0        | 23.7        |
| 8:00 PM        | 2            | 34            | 113           | 65            | 30            | 6            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 253         | 30.0        | 24.4        |
| 9:00 PM        | 3            | 20            | 76            | 65            | 35            | 20           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 221         | 32.0        | 26.1        |
| 10:00 PM       | 3            | 9             | 69            | 37            | 25            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 150         | 31.0        | 25.1        |
| 11:00 PM       | 5            | 16            | 22            | 38            | 19            | 8            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 109         | 31.0        | 25.6        |
| <b>Total</b>   | <b>204</b>   | <b>764</b>    | <b>1768</b>   | <b>1073</b>   | <b>635</b>    | <b>227</b>   | <b>29</b>    | <b>3</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>4703</b> | <b>31.0</b> | <b>24.1</b> |
| <b>Percent</b> | <b>4.34%</b> | <b>16.24%</b> | <b>37.59%</b> | <b>22.82%</b> | <b>13.50%</b> | <b>4.83%</b> | <b>0.62%</b> | <b>0.06%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |          |          |   |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|---------|---------|----------|----------|---|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 7:00 AM | 7:00 AM | 7:00 AM | 8:00 AM | 7:00 AM | 7:00 AM | 10:00 AM | 10:00 AM |   |   |   |   |   |   |     | 7:00 AM |
| <b>Volume</b>  | 8       | 39      | 124     | 70      | 48      | 16      | 4        | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 289     |
| <b>PM Peak</b> | 5:00 PM | 4:00 PM | 6:00 PM | 6:00 PM | 3:00 PM | 9:00 PM | 12:00 PM | 12:00 PM |   |   |   |   |   |   |     | 6:00 PM |
| <b>Volume</b>  | 86      | 98      | 159     | 89      | 63      | 20      | 4        | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 388 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 19.0 MPH | Average Speed:   | 24.1 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 23.0 MPH | 10 MPH Pace:     | 18 to 27 MPH | Number of Vehicles > 25 MPH:  | 1692   |
| 85th Percentile: | 31.0 MPH | Number in Pace:  | 2995         | Percent of Vehicles > 25 MPH: | 36.0%  |
| 95th Percentile: | 35.0 MPH | Percent in Pace: | 63.7%        |                               |        |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

**Speed (60-minute)**

**Combined EB and WB**

| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 1            | 3             | 22            | 25            | 13            | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 69          | 31.8        | 26.6        |
| 1:00 AM        | 0            | 1             | 6             | 13            | 8             | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 33          | 33.4        | 28.2        |
| 2:00 AM        | 2            | 0             | 5             | 3             | 6             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 16          | 30.8        | 24.9        |
| 3:00 AM        | 0            | 1             | 7             | 4             | 3             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 18          | 34.5        | 27.2        |
| 4:00 AM        | 0            | 1             | 7             | 9             | 12            | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 34          | 34.1        | 28.9        |
| 5:00 AM        | 5            | 6             | 20            | 52            | 38            | 10           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 133         | 32.0        | 27.5        |
| 6:00 AM        | 3            | 24            | 54            | 135           | 56            | 14           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 288         | 31.0        | 26.7        |
| 7:00 AM        | 16           | 55            | 160           | 124           | 67            | 16           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 438         | 31.0        | 24.4        |
| 8:00 AM        | 24           | 61            | 189           | 131           | 46            | 14           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 467         | 29.0        | 23.7        |
| 9:00 AM        | 12           | 61            | 193           | 124           | 39            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 441         | 29.0        | 23.8        |
| 10:00 AM       | 17           | 43            | 143           | 121           | 43            | 8            | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 380         | 29.0        | 24.2        |
| 11:00 AM       | 8            | 36            | 126           | 114           | 45            | 16           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 346         | 30.0        | 25.0        |
| 12:00 PM       | 8            | 44            | 167           | 124           | 59            | 15           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 422         | 31.0        | 24.9        |
| 1:00 PM        | 12           | 47            | 101           | 68            | 25            | 12           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 267         | 29.0        | 23.6        |
| 2:00 PM        | 15           | 71            | 164           | 108           | 43            | 14           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 418         | 29.0        | 23.7        |
| 3:00 PM        | 17           | 74            | 189           | 156           | 83            | 10           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 533         | 30.0        | 24.4        |
| 4:00 PM        | 43           | 121           | 183           | 111           | 46            | 18           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 522         | 28.9        | 22.5        |
| 5:00 PM        | 96           | 134           | 146           | 54            | 17            | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 455         | 25.0        | 19.6        |
| 6:00 PM        | 24           | 101           | 219           | 128           | 48            | 18           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 538         | 28.0        | 23.1        |
| 7:00 PM        | 11           | 92            | 213           | 113           | 50            | 16           | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 497         | 29.0        | 23.5        |
| 8:00 PM        | 11           | 52            | 159           | 106           | 35            | 7            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 373         | 29.0        | 23.9        |
| 9:00 PM        | 5            | 25            | 118           | 118           | 43            | 20           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 331         | 31.0        | 25.6        |
| 10:00 PM       | 6            | 15            | 98            | 69            | 30            | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 226         | 30.3        | 24.7        |
| 11:00 PM       | 7            | 19            | 32            | 58            | 30            | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 156         | 31.0        | 25.6        |
| <b>Total</b>   | <b>343</b>   | <b>1087</b>   | <b>2721</b>   | <b>2068</b>   | <b>885</b>    | <b>260</b>   | <b>34</b>    | <b>3</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>7401</b> | <b>30.0</b> | <b>24.0</b> |
| <b>Percent</b> | <b>4.63%</b> | <b>14.69%</b> | <b>36.77%</b> | <b>27.94%</b> | <b>11.96%</b> | <b>3.51%</b> | <b>0.46%</b> | <b>0.04%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |          |          |   |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|---------|---------|----------|----------|---|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 9:00 AM | 6:00 AM | 7:00 AM | 7:00 AM | 10:00 AM | 10:00 AM |   |   |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 24      | 61      | 193     | 135     | 67      | 16      | 4        | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 467     |
| <b>PM Peak</b> | 5:00 PM | 5:00 PM | 6:00 PM | 3:00 PM | 3:00 PM | 9:00 PM | 12:00 PM | 12:00 PM |   |   |   |   |   |   |     | 6:00 PM |
| <b>Volume</b>  | 96      | 134     | 219     | 156     | 83      | 20      | 4        | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 538 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 19.0 MPH | Average Speed:   | 24.0 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 24.0 MPH | 10 MPH Pace:     | 19 to 28 MPH | Number of Vehicles > 25 MPH:  | 2721   |
| 85th Percentile: | 30.0 MPH | Number in Pace:  | 4918         | Percent of Vehicles > 25 MPH: | 36.8%  |
| 95th Percentile: | 34.0 MPH | Percent in Pace: | 66.5%        |                               |        |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Thursday, September 12, 2024**

**Speed (60-minute)**

| EB             |              |               |               |               |              |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 5            | 7             | 11            | 7             | 4            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 36          | 29.8        | 22.5        |
| 1:00 AM        | 1            | 3             | 2             | 4             | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 12          | 30.4        | 24.3        |
| 2:00 AM        | 0            | 1             | 0             | 0             | 2            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 4           | 37.3        | 31.0        |
| 3:00 AM        | 0            | 0             | 4             | 2             | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 8           | 30.8        | 26.4        |
| 4:00 AM        | 0            | 0             | 0             | 5             | 8            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 17          | 35.6        | 31.9        |
| 5:00 AM        | 3            | 0             | 11            | 28            | 30           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 73          | 33.0        | 28.0        |
| 6:00 AM        | 4            | 1             | 38            | 89            | 37           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 172         | 31.0        | 26.9        |
| 7:00 AM        | 57           | 36            | 34            | 53            | 19           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 200         | 28.0        | 19.7        |
| 8:00 AM        | 11           | 36            | 93            | 54            | 7            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 202         | 27.0        | 22.3        |
| 9:00 AM        | 19           | 18            | 65            | 36            | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 146         | 26.0        | 21.7        |
| 10:00 AM       | 11           | 14            | 57            | 82            | 13           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 179         | 28.0        | 23.9        |
| 11:00 AM       | 7            | 14            | 42            | 66            | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 139         | 28.0        | 24.0        |
| 12:00 PM       | 12           | 14            | 69            | 50            | 12           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 158         | 28.0        | 22.8        |
| 1:00 PM        | 9            | 20            | 55            | 35            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 122         | 27.0        | 21.9        |
| 2:00 PM        | 9            | 8             | 66            | 41            | 11           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 135         | 27.0        | 23.1        |
| 3:00 PM        | 9            | 25            | 52            | 42            | 11           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 139         | 28.0        | 22.7        |
| 4:00 PM        | 11           | 22            | 67            | 62            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 168         | 27.0        | 22.7        |
| 5:00 PM        | 10           | 32            | 75            | 43            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 164         | 26.6        | 21.8        |
| 6:00 PM        | 6            | 29            | 65            | 42            | 8            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 151         | 27.0        | 22.7        |
| 7:00 PM        | 5            | 17            | 62            | 44            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 129         | 26.0        | 22.6        |
| 8:00 PM        | 8            | 13            | 66            | 36            | 9            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 132         | 27.0        | 22.8        |
| 9:00 PM        | 3            | 7             | 45            | 34            | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 95          | 27.0        | 23.6        |
| 10:00 PM       | 6            | 7             | 36            | 48            | 24           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 125         | 30.4        | 25.4        |
| 11:00 PM       | 2            | 4             | 23            | 22            | 12           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 64          | 30.0        | 25.2        |
| <b>Total</b>   | <b>208</b>   | <b>328</b>    | <b>1038</b>   | <b>925</b>    | <b>245</b>   | <b>23</b>    | <b>3</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>2770</b> | <b>28.0</b> | <b>23.2</b> |
| <b>Percent</b> | <b>7.51%</b> | <b>11.84%</b> | <b>37.47%</b> | <b>33.39%</b> | <b>8.84%</b> | <b>0.83%</b> | <b>0.11%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |          |         |         |         |          |          |          |   |   |   |   |   |   |   |     |         |
|----------------|----------|---------|---------|---------|----------|----------|----------|---|---|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 7:00 AM  | 7:00 AM | 8:00 AM | 6:00 AM | 6:00 AM  | 4:00 AM  | 12:00 AM |   |   |   |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 57       | 36      | 93      | 89      | 37       | 4        | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 202     |
| <b>PM Peak</b> | 12:00 PM | 5:00 PM | 5:00 PM | 4:00 PM | 10:00 PM | 10:00 PM |          |   |   |   |   |   |   |   |     | 4:00 PM |
| <b>Volume</b>  | 12       | 32      | 75      | 62      | 24       | 4        | 0        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 168 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 18.0 MPH | Average Speed:   | 23.2 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 24.0 MPH | 10 MPH Pace:     | 20 to 29 MPH | Number of Vehicles > 25 MPH:  | 942    |
| 85th Percentile: | 28.0 MPH | Number in Pace:  | 1963         | Percent of Vehicles > 25 MPH: | 34.0%  |
| 95th Percentile: | 31.0 MPH | Percent in Pace: | 70.9%        |                               |        |



**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Thursday, September 12, 2024**

**Speed (60-minute)**

| WB             |              |               |               |               |               |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 2            | 10            | 23            | 20            | 8             | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 69          | 31.8        | 25.3        |
| 1:00 AM        | 0            | 4             | 7             | 12            | 6             | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 37          | 35.6        | 27.9        |
| 2:00 AM        | 0            | 2             | 4             | 4             | 4             | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 16          | 32.8        | 27.0        |
| 3:00 AM        | 0            | 1             | 3             | 5             | 2             | 1            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 14          | 39.2        | 30.2        |
| 4:00 AM        | 0            | 1             | 6             | 5             | 5             | 2            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 21          | 35.0        | 28.6        |
| 5:00 AM        | 0            | 4             | 20            | 29            | 16            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 74          | 32.0        | 26.9        |
| 6:00 AM        | 1            | 9             | 41            | 49            | 23            | 8            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 134         | 32.0        | 26.6        |
| 7:00 AM        | 17           | 57            | 100           | 40            | 17            | 11           | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 243         | 28.0        | 22.3        |
| 8:00 AM        | 10           | 47            | 101           | 48            | 33            | 14           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 258         | 31.0        | 24.0        |
| 9:00 AM        | 3            | 25            | 86            | 59            | 29            | 10           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 215         | 31.0        | 25.0        |
| 10:00 AM       | 5            | 22            | 60            | 57            | 36            | 11           | 2            | 1            | 1            | 0            | 0            | 0            | 0            | 195         | 32.0        | 25.7        |
| 11:00 AM       | 3            | 35            | 110           | 76            | 31            | 14           | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 273         | 31.0        | 24.8        |
| 12:00 PM       | 5            | 32            | 90            | 56            | 33            | 16           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 233         | 31.0        | 24.8        |
| 1:00 PM        | 6            | 45            | 100           | 63            | 38            | 15           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 267         | 31.1        | 24.4        |
| 2:00 PM        | 5            | 31            | 136           | 64            | 47            | 22           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 305         | 33.0        | 25.1        |
| 3:00 PM        | 13           | 94            | 132           | 53            | 27            | 7            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 328         | 27.0        | 22.2        |
| 4:00 PM        | 20           | 99            | 125           | 56            | 38            | 15           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 353         | 29.2        | 22.5        |
| 5:00 PM        | 60           | 97            | 107           | 32            | 28            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 331         | 26.0        | 20.2        |
| 6:00 PM        | 43           | 79            | 125           | 56            | 42            | 12           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 358         | 30.0        | 22.1        |
| 7:00 PM        | 11           | 63            | 188           | 71            | 50            | 17           | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 402         | 30.0        | 23.8        |
| 8:00 PM        | 2            | 43            | 137           | 56            | 36            | 10           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 286         | 30.0        | 24.2        |
| 9:00 PM        | 2            | 23            | 78            | 74            | 37            | 16           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 234         | 33.0        | 25.9        |
| 10:00 PM       | 8            | 13            | 65            | 49            | 19            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 166         | 31.3        | 24.9        |
| 11:00 PM       | 1            | 15            | 30            | 30            | 13            | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 95          | 31.0        | 24.9        |
| <b>Total</b>   | <b>217</b>   | <b>851</b>    | <b>1874</b>   | <b>1064</b>   | <b>618</b>    | <b>243</b>   | <b>34</b>    | <b>4</b>     | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>4907</b> | <b>31.0</b> | <b>23.9</b> |
| <b>Percent</b> | <b>4.42%</b> | <b>17.34%</b> | <b>38.19%</b> | <b>21.68%</b> | <b>12.59%</b> | <b>4.95%</b> | <b>0.69%</b> | <b>0.08%</b> | <b>0.04%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |          |          |          |         |         |         |          |   |   |   |   |     |          |
|----------------|---------|---------|----------|----------|----------|---------|---------|---------|----------|---|---|---|---|-----|----------|
| <b>AM Peak</b> | 7:00 AM | 7:00 AM | 11:00 AM | 11:00 AM | 10:00 AM | 8:00 AM | 8:00 AM | 6:00 AM | 10:00 AM |   |   |   |   |     | 11:00 AM |
| <b>Volume</b>  | 17      | 57      | 110      | 76       | 36       | 14      | 5       | 1       | 1        | 0 | 0 | 0 | 0 | 0   | 273      |
| <b>PM Peak</b> | 5:00 PM | 4:00 PM | 7:00 PM  | 9:00 PM  | 7:00 PM  | 2:00 PM | 9:00 PM |         | 7:00 PM  |   |   |   |   |     | 7:00 PM  |
| <b>Volume</b>  | 60      | 99      | 188      | 74       | 50       | 22      | 4       | 0       | 1        | 0 | 0 | 0 | 0 | 402 |          |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 18.0 MPH | Average Speed:   | 23.9 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 23.0 MPH | 10 MPH Pace:     | 18 to 27 MPH | Number of Vehicles > 25 MPH:  | 1648   |
| 85th Percentile: | 31.0 MPH | Number in Pace:  | 3165         | Percent of Vehicles > 25 MPH: | 33.6%  |
| 95th Percentile: | 35.0 MPH | Percent in Pace: | 64.5%        |                               |        |

**Broadway**  
**west of Windsor Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR A (speed)**

**Count Date**  
**Thursday, September 12, 2024**

**Speed (60-minute)**

**Combined EB and WB**

| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 7            | 17            | 34            | 27            | 12            | 6            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 105         | 31.0        | 24.3        |
| 1:00 AM        | 1            | 7             | 9             | 16            | 7             | 9            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 49          | 35.0        | 27.0        |
| 2:00 AM        | 0            | 3             | 4             | 4             | 6             | 1            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 20          | 34.5        | 27.8        |
| 3:00 AM        | 0            | 1             | 7             | 7             | 3             | 1            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 22          | 38.1        | 28.8        |
| 4:00 AM        | 0            | 1             | 6             | 10            | 13            | 6            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 38          | 35.0        | 30.1        |
| 5:00 AM        | 3            | 4             | 31            | 57            | 46            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 147         | 33.0        | 27.5        |
| 6:00 AM        | 5            | 10            | 79            | 138           | 60            | 11           | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 306         | 31.0        | 26.8        |
| 7:00 AM        | 74           | 93            | 134           | 93            | 36            | 12           | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 443         | 28.0        | 21.1        |
| 8:00 AM        | 21           | 83            | 194           | 102           | 40            | 15           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 460         | 28.0        | 23.2        |
| 9:00 AM        | 22           | 43            | 151           | 95            | 37            | 10           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 361         | 29.0        | 23.7        |
| 10:00 AM       | 16           | 36            | 117           | 139           | 49            | 13           | 2            | 1            | 1            | 0            | 0            | 0            | 0            | 374         | 30.0        | 24.8        |
| 11:00 AM       | 10           | 49            | 152           | 142           | 41            | 14           | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 412         | 29.0        | 24.5        |
| 12:00 PM       | 17           | 46            | 159           | 106           | 45            | 17           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 391         | 30.0        | 24.0        |
| 1:00 PM        | 15           | 65            | 155           | 98            | 41            | 15           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 389         | 29.0        | 23.6        |
| 2:00 PM        | 14           | 39            | 202           | 105           | 58            | 22           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 440         | 31.0        | 24.5        |
| 3:00 PM        | 22           | 119           | 184           | 95            | 38            | 7            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 467         | 28.0        | 22.4        |
| 4:00 PM        | 31           | 121           | 192           | 118           | 44            | 15           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 521         | 28.0        | 22.6        |
| 5:00 PM        | 70           | 129           | 182           | 75            | 32            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 495         | 26.0        | 20.7        |
| 6:00 PM        | 49           | 108           | 190           | 98            | 50            | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 509         | 28.0        | 22.3        |
| 7:00 PM        | 16           | 80            | 250           | 115           | 51            | 17           | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 531         | 29.0        | 23.5        |
| 8:00 PM        | 10           | 56            | 203           | 92            | 45            | 10           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 418         | 29.0        | 23.7        |
| 9:00 PM        | 5            | 30            | 123           | 108           | 41            | 18           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 329         | 31.0        | 25.2        |
| 10:00 PM       | 14           | 20            | 101           | 97            | 43            | 15           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 291         | 31.0        | 25.1        |
| 11:00 PM       | 3            | 19            | 53            | 52            | 25            | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 159         | 30.0        | 25.0        |
| <b>Total</b>   | <b>425</b>   | <b>1179</b>   | <b>2912</b>   | <b>1989</b>   | <b>863</b>    | <b>266</b>   | <b>37</b>    | <b>4</b>     | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>7677</b> | <b>30.0</b> | <b>23.7</b> |
| <b>Percent</b> | <b>5.54%</b> | <b>15.36%</b> | <b>37.93%</b> | <b>25.91%</b> | <b>11.24%</b> | <b>3.46%</b> | <b>0.48%</b> | <b>0.05%</b> | <b>0.03%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |          |         |         |         |         |          |   |   |   |   |     |         |
|----------------|---------|---------|---------|----------|---------|---------|---------|---------|----------|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 7:00 AM | 7:00 AM | 8:00 AM | 11:00 AM | 6:00 AM | 8:00 AM | 8:00 AM | 6:00 AM | 10:00 AM |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 74      | 93      | 194     | 142      | 60      | 15      | 5       | 1       | 1        | 0 | 0 | 0 | 0 | 0   | 460     |
| <b>PM Peak</b> | 5:00 PM | 5:00 PM | 7:00 PM | 4:00 PM  | 2:00 PM | 2:00 PM | 9:00 PM |         | 7:00 PM  |   |   |   |   |     | 7:00 PM |
| <b>Volume</b>  | 70      | 129     | 250     | 118      | 58      | 22      | 4       | 0       | 1        | 0 | 0 | 0 | 0 | 531 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 18.0 MPH | Average Speed:   | 23.7 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 23.0 MPH | 10 MPH Pace:     | 19 to 28 MPH | Number of Vehicles > 25 MPH:  | 2590   |
| 85th Percentile: | 30.0 MPH | Number in Pace:  | 5095         | Percent of Vehicles > 25 MPH: | 33.7%  |
| 95th Percentile: | 34.0 MPH | Percent in Pace: | 66.4%        |                               |        |

**Broadway**  
**between Dana Street and Highland Ave**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



PRECISION  
 DATA  
 INDUSTRIES, LLC  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

PDI File #: 240156 ATR B

**Count Date: Tuesday, September 10, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 1          | 9                  | 1     | 1                 | 0                | 12    |
| 12:15 AM | 2        | 0          | 3                  | 0     | 0                 | 0                | 5     |
| 12:30 AM | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 12:45 AM | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 1:00 AM  | 1        | 0          | 2                  | 0     | 1                 | 0                | 4     |
| 1:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 1:30 AM  | 0        | 0          | 2                  | 0     | 1                 | 0                | 3     |
| 1:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 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     | 1                 | 0                | 3     |
| 3:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:45 AM  | 0        | 0          | 2                  | 0     | 0                 | 1                | 3     |
| 4:00 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 4:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:30 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 4:45 AM  | 0        | 0          | 10                 | 0     | 0                 | 0                | 10    |
| 5:00 AM  | 0        | 0          | 10                 | 0     | 0                 | 0                | 10    |
| 5:15 AM  | 0        | 1          | 14                 | 0     | 1                 | 0                | 16    |
| 5:30 AM  | 0        | 0          | 21                 | 0     | 0                 | 0                | 21    |
| 5:45 AM  | 2        | 0          | 35                 | 1     | 3                 | 0                | 41    |
| 6:00 AM  | 0        | 0          | 43                 | 0     | 1                 | 0                | 44    |
| 6:15 AM  | 0        | 0          | 50                 | 1     | 1                 | 0                | 52    |
| 6:30 AM  | 3        | 0          | 59                 | 0     | 2                 | 0                | 64    |
| 6:45 AM  | 2        | 1          | 89                 | 1     | 2                 | 1                | 96    |
| 7:00 AM  | 3        | 0          | 87                 | 4     | 2                 | 0                | 96    |
| 7:15 AM  | 6        | 0          | 98                 | 0     | 7                 | 0                | 111   |
| 7:30 AM  | 8        | 1          | 112                | 7     | 4                 | 1                | 133   |
| 7:45 AM  | 7        | 2          | 103                | 1     | 3                 | 0                | 116   |
| 8:00 AM  | 10       | 0          | 100                | 3     | 2                 | 0                | 115   |
| 8:15 AM  | 13       | 0          | 93                 | 0     | 3                 | 0                | 109   |
| 8:30 AM  | 9        | 0          | 115                | 1     | 2                 | 0                | 127   |
| 8:45 AM  | 20       | 0          | 133                | 1     | 2                 | 0                | 156   |
| 9:00 AM  | 9        | 2          | 102                | 0     | 1                 | 1                | 115   |
| 9:15 AM  | 10       | 0          | 99                 | 0     | 5                 | 0                | 114   |
| 9:30 AM  | 5        | 0          | 100                | 1     | 5                 | 0                | 111   |
| 9:45 AM  | 8        | 4          | 120                | 1     | 4                 | 0                | 137   |
| 10:00 AM | 5        | 0          | 89                 | 1     | 5                 | 0                | 100   |
| 10:15 AM | 6        | 0          | 69                 | 1     | 4                 | 0                | 80    |
| 10:30 AM | 5        | 0          | 92                 | 0     | 3                 | 0                | 100   |
| 10:45 AM | 3        | 0          | 87                 | 1     | 2                 | 0                | 93    |
| 11:00 AM | 7        | 0          | 76                 | 0     | 2                 | 0                | 85    |
| 11:15 AM | 2        | 0          | 55                 | 1     | 3                 | 1                | 62    |
| 11:30 AM | 2        | 1          | 45                 | 1     | 5                 | 1                | 55    |
| 11:45 AM | 2        | 0          | 62                 | 0     | 1                 | 2                | 67    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 1        | 0          | 67                 | 2     | 4                 | 1                | 75    |
| 12:15 PM | 1        | 0          | 83                 | 1     | 1                 | 0                | 86    |
| 12:30 PM | 4        | 1          | 59                 | 0     | 2                 | 0                | 66    |
| 12:45 PM | 5        | 2          | 75                 | 2     | 1                 | 0                | 85    |
| 1:00 PM  | 0        | 1          | 59                 | 0     | 2                 | 0                | 62    |
| 1:15 PM  | 4        | 0          | 51                 | 1     | 2                 | 0                | 58    |
| 1:30 PM  | 2        | 0          | 75                 | 1     | 1                 | 0                | 79    |
| 1:45 PM  | 3        | 0          | 70                 | 0     | 5                 | 0                | 78    |
| 2:00 PM  | 5        | 1          | 61                 | 0     | 2                 | 0                | 69    |
| 2:15 PM  | 7        | 0          | 70                 | 1     | 0                 | 0                | 78    |
| 2:30 PM  | 4        | 0          | 68                 | 0     | 3                 | 0                | 75    |
| 2:45 PM  | 4        | 1          | 63                 | 1     | 0                 | 0                | 69    |
| 3:00 PM  | 8        | 1          | 69                 | 1     | 5                 | 0                | 84    |
| 3:15 PM  | 6        | 1          | 89                 | 2     | 3                 | 0                | 101   |
| 3:30 PM  | 9        | 0          | 73                 | 2     | 1                 | 0                | 85    |
| 3:45 PM  | 3        | 0          | 77                 | 0     | 1                 | 0                | 81    |
| 4:00 PM  | 4        | 0          | 67                 | 0     | 0                 | 0                | 71    |
| 4:15 PM  | 5        | 1          | 70                 | 5     | 0                 | 0                | 81    |
| 4:30 PM  | 8        | 0          | 66                 | 1     | 1                 | 0                | 76    |
| 4:45 PM  | 5        | 0          | 72                 | 0     | 0                 | 0                | 77    |
| 5:00 PM  | 2        | 1          | 86                 | 2     | 0                 | 1                | 92    |
| 5:15 PM  | 8        | 0          | 93                 | 1     | 2                 | 0                | 104   |
| 5:30 PM  | 7        | 0          | 114                | 0     | 1                 | 0                | 122   |
| 5:45 PM  | 6        | 0          | 90                 | 2     | 0                 | 0                | 98    |
| 6:00 PM  | 6        | 1          | 103                | 0     | 1                 | 0                | 111   |
| 6:15 PM  | 10       | 0          | 111                | 1     | 0                 | 0                | 122   |
| 6:30 PM  | 7        | 2          | 87                 | 0     | 0                 | 0                | 96    |
| 6:45 PM  | 7        | 0          | 81                 | 0     | 0                 | 0                | 88    |
| 7:00 PM  | 4        | 1          | 75                 | 1     | 0                 | 0                | 81    |
| 7:15 PM  | 4        | 0          | 58                 | 0     | 1                 | 0                | 63    |
| 7:30 PM  | 3        | 2          | 54                 | 0     | 0                 | 0                | 59    |
| 7:45 PM  | 3        | 0          | 47                 | 0     | 0                 | 0                | 50    |
| 8:00 PM  | 3        | 1          | 58                 | 0     | 1                 | 0                | 63    |
| 8:15 PM  | 5        | 0          | 42                 | 0     | 0                 | 0                | 47    |
| 8:30 PM  | 3        | 0          | 52                 | 0     | 2                 | 0                | 57    |
| 8:45 PM  | 1        | 0          | 27                 | 0     | 0                 | 0                | 28    |
| 9:00 PM  | 8        | 0          | 33                 | 0     | 0                 | 0                | 41    |
| 9:15 PM  | 4        | 0          | 37                 | 0     | 0                 | 0                | 41    |
| 9:30 PM  | 1        | 1          | 29                 | 1     | 0                 | 0                | 32    |
| 9:45 PM  | 1        | 0          | 28                 | 0     | 0                 | 0                | 29    |
| 10:00 PM | 0        | 0          | 23                 | 0     | 1                 | 0                | 24    |
| 10:15 PM | 1        | 0          | 27                 | 0     | 0                 | 0                | 28    |
| 10:30 PM | 2        | 0          | 23                 | 0     | 0                 | 0                | 25    |
| 10:45 PM | 1        | 2          | 19                 | 0     | 0                 | 0                | 22    |
| 11:00 PM | 1        | 0          | 26                 | 0     | 0                 | 0                | 27    |
| 11:15 PM | 0        | 0          | 21                 | 0     | 0                 | 0                | 21    |
| 11:30 PM | 2        | 0          | 9                  | 1     | 0                 | 0                | 12    |
| 11:45 PM | 0        | 0          | 10                 | 1     | 0                 | 0                | 11    |

|                   |                |                |                |                |                |                 |                |
|-------------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| <b>AM Total</b>   | <b>150</b>     | <b>13</b>      | <b>2210</b>    | <b>28</b>      | <b>79</b>      | <b>8</b>        | <b>2488</b>    |
| <b>Percentage</b> | <b>6.03%</b>   | <b>0.52%</b>   | <b>88.83%</b>  | <b>1.13%</b>   | <b>3.18%</b>   | <b>0.32%</b>    |                |
| <b>AM Peak</b>    | <b>8:00 AM</b> | <b>9:00 AM</b> | <b>8:30 AM</b> | <b>6:45 AM</b> | <b>9:15 AM</b> | <b>11:00 AM</b> | <b>8:30 AM</b> |
| <b>Volume</b>     | <b>52</b>      | <b>6</b>       | <b>449</b>     | <b>12</b>      | <b>19</b>      | <b>4</b>        | <b>512</b>     |

|                   |                |                 |                |                |                |                 |                |
|-------------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|
| <b>PM Total</b>   | <b>188</b>     | <b>20</b>       | <b>2847</b>    | <b>30</b>      | <b>43</b>      | <b>2</b>        | <b>3130</b>    |
| <b>Percentage</b> | <b>6.01%</b>   | <b>0.64%</b>    | <b>90.96%</b>  | <b>0.96%</b>   | <b>1.37%</b>   | <b>0.06%</b>    |                |
| <b>PM Peak</b>    | <b>6:00 PM</b> | <b>12:15 PM</b> | <b>5:30 PM</b> | <b>4:15 PM</b> | <b>2:30 PM</b> | <b>12:00 PM</b> | <b>5:30 PM</b> |
| <b>Volume</b>     | <b>30</b>      | <b>4</b>        | <b>418</b>     | <b>8</b>       | <b>11</b>      | <b>1</b>        | <b>453</b>     |
| <b>Day Total</b>  | <b>338</b>     | <b>33</b>       | <b>5057</b>    | <b>58</b>      | <b>122</b>     | <b>10</b>       | <b>5618</b>    |
| <b>Percentage</b> | <b>6.02%</b>   | <b>0.59%</b>    | <b>90.01%</b>  | <b>1.03%</b>   | <b>2.17%</b>   | <b>0.18%</b>    |                |

**Broadway**  
**between Dana Street and Highland Ave**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B**

**Count Date: Wednesday, September 11, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 3        | 0          | 12                 | 0     | 0                 | 0                | 15    |
| 12:15 AM | 1        | 0          | 5                  | 0     | 0                 | 1                | 7     |
| 12:30 AM | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 12:45 AM | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 1:00 AM  | 1        | 0          | 2                  | 0     | 0                 | 0                | 3     |
| 1:15 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 1:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 1:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:00 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 2:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 2:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:45 AM  | 0        | 0          | 0                  | 0     | 1                 | 0                | 1     |
| 3:00 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 3:15 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 3:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 1                | 4     |
| 4:00 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 4:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:30 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 4:45 AM  | 0        | 0          | 5                  | 0     | 1                 | 0                | 6     |
| 5:00 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 5:15 AM  | 1        | 0          | 14                 | 0     | 1                 | 1                | 17    |
| 5:30 AM  | 0        | 0          | 20                 | 0     | 0                 | 0                | 20    |
| 5:45 AM  | 2        | 1          | 42                 | 1     | 0                 | 0                | 46    |
| 6:00 AM  | 0        | 2          | 36                 | 0     | 0                 | 0                | 38    |
| 6:15 AM  | 0        | 0          | 39                 | 0     | 1                 | 0                | 40    |
| 6:30 AM  | 1        | 0          | 68                 | 1     | 1                 | 0                | 71    |
| 6:45 AM  | 4        | 0          | 87                 | 2     | 1                 | 0                | 94    |
| 7:00 AM  | 4        | 0          | 81                 | 3     | 6                 | 1                | 95    |
| 7:15 AM  | 6        | 0          | 96                 | 2     | 0                 | 1                | 105   |
| 7:30 AM  | 8        | 1          | 96                 | 4     | 2                 | 0                | 111   |
| 7:45 AM  | 6        | 0          | 104                | 1     | 6                 | 0                | 117   |
| 8:00 AM  | 11       | 0          | 96                 | 3     | 6                 | 0                | 116   |
| 8:15 AM  | 10       | 1          | 86                 | 1     | 3                 | 0                | 101   |
| 8:30 AM  | 10       | 1          | 93                 | 0     | 4                 | 0                | 108   |
| 8:45 AM  | 17       | 1          | 114                | 2     | 3                 | 0                | 137   |
| 9:00 AM  | 10       | 4          | 111                | 1     | 5                 | 0                | 131   |
| 9:15 AM  | 13       | 0          | 115                | 0     | 5                 | 0                | 133   |
| 9:30 AM  | 8        | 3          | 98                 | 2     | 5                 | 0                | 116   |
| 9:45 AM  | 5        | 1          | 79                 | 1     | 2                 | 1                | 89    |
| 10:00 AM | 4        | 1          | 106                | 1     | 1                 | 0                | 113   |
| 10:15 AM | 3        | 0          | 89                 | 1     | 0                 | 0                | 93    |
| 10:30 AM | 2        | 0          | 101                | 0     | 8                 | 0                | 111   |
| 10:45 AM | 9        | 1          | 66                 | 1     | 3                 | 0                | 80    |
| 11:00 AM | 1        | 0          | 57                 | 0     | 1                 | 0                | 59    |
| 11:15 AM | 3        | 1          | 40                 | 1     | 4                 | 0                | 49    |
| 11:30 AM | 9        | 0          | 55                 | 1     | 3                 | 0                | 68    |
| 11:45 AM | 6        | 1          | 62                 | 0     | 4                 | 0                | 73    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 7        | 1          | 47                 | 0     | 2                 | 0                | 57    |
| 12:15 PM | 5        | 0          | 89                 | 2     | 2                 | 0                | 98    |
| 12:30 PM | 2        | 0          | 73                 | 0     | 3                 | 0                | 78    |
| 12:45 PM | 5        | 1          | 59                 | 1     | 0                 | 1                | 67    |
| 1:00 PM  | 6        | 1          | 59                 | 0     | 5                 | 1                | 72    |
| 1:15 PM  | 5        | 1          | 64                 | 2     | 7                 | 0                | 79    |
| 1:30 PM  | 7        | 1          | 55                 | 2     | 3                 | 0                | 68    |
| 1:45 PM  | 0        | 0          | 63                 | 0     | 4                 | 0                | 67    |
| 2:00 PM  | 2        | 2          | 62                 | 0     | 2                 | 1                | 69    |
| 2:15 PM  | 5        | 0          | 69                 | 1     | 2                 | 0                | 77    |
| 2:30 PM  | 3        | 1          | 79                 | 0     | 0                 | 0                | 83    |
| 2:45 PM  | 3        | 0          | 62                 | 2     | 0                 | 0                | 67    |
| 3:00 PM  | 13       | 1          | 79                 | 3     | 2                 | 0                | 98    |
| 3:15 PM  | 5        | 1          | 102                | 2     | 2                 | 0                | 112   |
| 3:30 PM  | 7        | 1          | 65                 | 4     | 1                 | 0                | 78    |
| 3:45 PM  | 3        | 1          | 66                 | 4     | 0                 | 0                | 74    |
| 4:00 PM  | 3        | 0          | 76                 | 0     | 0                 | 0                | 79    |
| 4:15 PM  | 2        | 0          | 80                 | 3     | 1                 | 0                | 86    |
| 4:30 PM  | 10       | 0          | 83                 | 1     | 0                 | 0                | 94    |
| 4:45 PM  | 5        | 0          | 78                 | 0     | 1                 | 0                | 84    |
| 5:00 PM  | 0        | 1          | 87                 | 0     | 0                 | 0                | 88    |
| 5:15 PM  | 1        | 2          | 115                | 2     | 0                 | 1                | 121   |
| 5:30 PM  | 3        | 0          | 78                 | 0     | 1                 | 0                | 82    |
| 5:45 PM  | 9        | 1          | 92                 | 1     | 0                 | 0                | 103   |
| 6:00 PM  | 6        | 2          | 86                 | 2     | 0                 | 0                | 96    |
| 6:15 PM  | 6        | 2          | 99                 | 0     | 0                 | 0                | 107   |
| 6:30 PM  | 5        | 0          | 92                 | 0     | 0                 | 0                | 97    |
| 6:45 PM  | 6        | 1          | 104                | 0     | 0                 | 0                | 111   |
| 7:00 PM  | 3        | 1          | 56                 | 0     | 0                 | 0                | 60    |
| 7:15 PM  | 1        | 0          | 40                 | 0     | 0                 | 0                | 41    |
| 7:30 PM  | 6        | 0          | 77                 | 0     | 2                 | 0                | 85    |
| 7:45 PM  | 3        | 0          | 48                 | 0     | 0                 | 0                | 51    |
| 8:00 PM  | 4        | 0          | 52                 | 0     | 0                 | 0                | 56    |
| 8:15 PM  | 2        | 0          | 41                 | 0     | 0                 | 0                | 43    |
| 8:30 PM  | 1        | 0          | 47                 | 0     | 0                 | 0                | 48    |
| 8:45 PM  | 2        | 0          | 44                 | 0     | 0                 | 0                | 46    |
| 9:00 PM  | 4        | 0          | 42                 | 0     | 1                 | 0                | 47    |
| 9:15 PM  | 3        | 0          | 34                 | 0     | 0                 | 0                | 37    |
| 9:30 PM  | 2        | 0          | 34                 | 0     | 0                 | 0                | 36    |
| 9:45 PM  | 2        | 0          | 27                 | 0     | 0                 | 0                | 29    |
| 10:00 PM | 4        | 0          | 31                 | 0     | 0                 | 1                | 36    |
| 10:15 PM | 2        | 0          | 27                 | 0     | 0                 | 0                | 29    |
| 10:30 PM | 0        | 0          | 11                 | 1     | 0                 | 0                | 12    |
| 10:45 PM | 1        | 1          | 21                 | 0     | 1                 | 0                | 24    |
| 11:00 PM | 0        | 1          | 18                 | 0     | 0                 | 0                | 19    |
| 11:15 PM | 0        | 0          | 17                 | 0     | 0                 | 0                | 17    |
| 11:30 PM | 0        | 3          | 19                 | 0     | 0                 | 0                | 22    |
| 11:45 PM | 1        | 0          | 8                  | 0     | 0                 | 0                | 9     |

|                       |                |                |                |                |                |                |                |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>AM Total</b>       | <b>158</b>     | <b>19</b>      | <b>2117</b>    | <b>29</b>      | <b>79</b>      | <b>6</b>       | <b>2408</b>    |
| <b>Percentage</b>     | <b>6.56%</b>   | <b>0.79%</b>   | <b>87.92%</b>  | <b>1.20%</b>   | <b>3.28%</b>   | <b>0.25%</b>   |                |
| <b>AM Peak Volume</b> | <b>8:30 AM</b> | <b>8:45 AM</b> | <b>8:45 AM</b> | <b>6:45 AM</b> | <b>7:45 AM</b> | <b>6:30 AM</b> | <b>8:45 AM</b> |
|                       | <b>50</b>      | <b>8</b>       | <b>438</b>     | <b>11</b>      | <b>19</b>      | <b>2</b>       | <b>517</b>     |

|                       |                |                |                |                |                |                 |                |
|-----------------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| <b>PM Total</b>       | <b>175</b>     | <b>27</b>      | <b>2857</b>    | <b>33</b>      | <b>42</b>      | <b>5</b>        | <b>3139</b>    |
| <b>Percentage</b>     | <b>5.58%</b>   | <b>0.86%</b>   | <b>91.02%</b>  | <b>1.05%</b>   | <b>1.34%</b>   | <b>0.16%</b>    |                |
| <b>PM Peak Volume</b> | <b>2:45 PM</b> | <b>5:15 PM</b> | <b>6:00 PM</b> | <b>3:00 PM</b> | <b>1:00 PM</b> | <b>12:15 PM</b> | <b>6:00 PM</b> |
|                       | <b>28</b>      | <b>5</b>       | <b>381</b>     | <b>13</b>      | <b>19</b>      | <b>2</b>        | <b>411</b>     |

|                   |              |              |               |              |              |              |             |
|-------------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|
| <b>Day Total</b>  | <b>333</b>   | <b>46</b>    | <b>4974</b>   | <b>62</b>    | <b>121</b>   | <b>11</b>    | <b>5547</b> |
| <b>Percentage</b> | <b>6.00%</b> | <b>0.83%</b> | <b>89.67%</b> | <b>1.12%</b> | <b>2.18%</b> | <b>0.20%</b> |             |

**Broadway**  
**between Dana Street and Highland Ave**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR B**

**Count Date: Thursday, September 12, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 3        | 0          | 8                  | 0     | 0                 | 0                | 11    |
| 12:15 AM | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 12:30 AM | 0        | 0          | 8                  | 0     | 0                 | 0                | 8     |
| 12:45 AM | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 1:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 1:15 AM  | 1        | 0          | 1                  | 0     | 0                 | 0                | 2     |
| 1:30 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 1:45 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:00 AM  | 0        | 1          | 3                  | 0     | 0                 | 0                | 4     |
| 2:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:45 AM  | 0        | 0          | 0                  | 0     | 1                 | 0                | 1     |
| 3:00 AM  | 2        | 0          | 1                  | 0     | 0                 | 0                | 3     |
| 3:15 AM  | 1        | 0          | 0                  | 0     | 0                 | 0                | 1     |
| 3:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:00 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 4:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 4:30 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 4:45 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 5:00 AM  | 0        | 1          | 7                  | 0     | 0                 | 0                | 8     |
| 5:15 AM  | 0        | 1          | 15                 | 0     | 0                 | 0                | 16    |
| 5:30 AM  | 1        | 0          | 25                 | 0     | 1                 | 1                | 28    |
| 5:45 AM  | 0        | 2          | 33                 | 1     | 0                 | 0                | 36    |
| 6:00 AM  | 1        | 0          | 40                 | 0     | 0                 | 0                | 41    |
| 6:15 AM  | 0        | 0          | 45                 | 0     | 2                 | 0                | 47    |
| 6:30 AM  | 1        | 0          | 78                 | 1     | 0                 | 0                | 80    |
| 6:45 AM  | 5        | 0          | 83                 | 1     | 2                 | 0                | 91    |
| 7:00 AM  | 3        | 0          | 87                 | 4     | 0                 | 0                | 94    |
| 7:15 AM  | 5        | 0          | 90                 | 1     | 2                 | 0                | 98    |
| 7:30 AM  | 6        | 1          | 115                | 6     | 2                 | 1                | 131   |
| 7:45 AM  | 8        | 1          | 99                 | 2     | 1                 | 1                | 112   |
| 8:00 AM  | 4        | 0          | 105                | 0     | 5                 | 0                | 114   |
| 8:15 AM  | 20       | 0          | 84                 | 1     | 3                 | 1                | 109   |
| 8:30 AM  | 12       | 1          | 109                | 1     | 3                 | 0                | 126   |
| 8:45 AM  | 15       | 3          | 113                | 1     | 5                 | 0                | 137   |
| 9:00 AM  | 6        | 2          | 112                | 0     | 9                 | 0                | 129   |
| 9:15 AM  | 8        | 1          | 92                 | 1     | 3                 | 0                | 105   |
| 9:30 AM  | 3        | 3          | 99                 | 2     | 2                 | 0                | 109   |
| 9:45 AM  | 10       | 1          | 84                 | 1     | 3                 | 1                | 100   |
| 10:00 AM | 6        | 0          | 77                 | 0     | 5                 | 0                | 88    |
| 10:15 AM | 6        | 0          | 84                 | 1     | 4                 | 0                | 95    |
| 10:30 AM | 4        | 0          | 79                 | 0     | 4                 | 0                | 87    |
| 10:45 AM | 3        | 0          | 89                 | 2     | 2                 | 0                | 96    |
| 11:00 AM | 3        | 0          | 66                 | 0     | 6                 | 0                | 75    |
| 11:15 AM | 1        | 0          | 50                 | 1     | 4                 | 0                | 56    |
| 11:30 AM | 2        | 0          | 70                 | 1     | 4                 | 0                | 77    |
| 11:45 AM | 3        | 3          | 59                 | 0     | 2                 | 0                | 67    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 4        | 0          | 59                 | 0     | 4                 | 0                | 67    |
| 12:15 PM | 5        | 1          | 59                 | 1     | 2                 | 0                | 68    |
| 12:30 PM | 2        | 1          | 57                 | 0     | 4                 | 0                | 64    |
| 12:45 PM | 6        | 0          | 63                 | 1     | 2                 | 0                | 72    |
| 1:00 PM  | 8        | 1          | 56                 | 0     | 0                 | 0                | 65    |
| 1:15 PM  | 6        | 0          | 61                 | 1     | 6                 | 0                | 74    |
| 1:30 PM  | 7        | 0          | 55                 | 2     | 4                 | 0                | 68    |
| 1:45 PM  | 1        | 0          | 71                 | 0     | 2                 | 0                | 74    |
| 2:00 PM  | 4        | 0          | 68                 | 0     | 0                 | 0                | 72    |
| 2:15 PM  | 3        | 0          | 67                 | 1     | 4                 | 0                | 75    |
| 2:30 PM  | 3        | 0          | 72                 | 1     | 3                 | 0                | 79    |
| 2:45 PM  | 5        | 1          | 68                 | 1     | 3                 | 0                | 78    |
| 3:00 PM  | 12       | 0          | 71                 | 4     | 4                 | 0                | 91    |
| 3:15 PM  | 7        | 1          | 92                 | 1     | 1                 | 0                | 102   |
| 3:30 PM  | 4        | 1          | 70                 | 3     | 2                 | 0                | 80    |
| 3:45 PM  | 5        | 0          | 69                 | 1     | 1                 | 0                | 76    |
| 4:00 PM  | 8        | 0          | 92                 | 1     | 1                 | 0                | 102   |
| 4:15 PM  | 3        | 0          | 90                 | 1     | 1                 | 0                | 95    |
| 4:30 PM  | 3        | 0          | 89                 | 4     | 0                 | 0                | 96    |
| 4:45 PM  | 7        | 1          | 64                 | 0     | 0                 | 0                | 72    |
| 5:00 PM  | 9        | 0          | 71                 | 2     | 0                 | 0                | 82    |
| 5:15 PM  | 10       | 0          | 85                 | 2     | 2                 | 0                | 99    |
| 5:30 PM  | 8        | 0          | 86                 | 0     | 0                 | 0                | 94    |
| 5:45 PM  | 10       | 0          | 83                 | 1     | 1                 | 0                | 95    |
| 6:00 PM  | 7        | 1          | 97                 | 2     | 0                 | 0                | 107   |
| 6:15 PM  | 12       | 1          | 88                 | 0     | 0                 | 0                | 101   |
| 6:30 PM  | 7        | 0          | 79                 | 0     | 1                 | 0                | 87    |
| 6:45 PM  | 4        | 0          | 67                 | 0     | 0                 | 0                | 71    |
| 7:00 PM  | 5        | 0          | 67                 | 0     | 0                 | 0                | 72    |
| 7:15 PM  | 6        | 0          | 77                 | 0     | 1                 | 0                | 84    |
| 7:30 PM  | 3        | 2          | 74                 | 0     | 0                 | 0                | 79    |
| 7:45 PM  | 2        | 1          | 55                 | 0     | 0                 | 1                | 59    |
| 8:00 PM  | 7        | 0          | 47                 | 1     | 3                 | 0                | 58    |
| 8:15 PM  | 1        | 0          | 56                 | 0     | 1                 | 0                | 58    |
| 8:30 PM  | 2        | 1          | 62                 | 0     | 0                 | 0                | 65    |
| 8:45 PM  | 1        | 0          | 49                 | 0     | 0                 | 0                | 50    |
| 9:00 PM  | 2        | 1          | 31                 | 0     | 0                 | 0                | 34    |
| 9:15 PM  | 3        | 0          | 35                 | 0     | 0                 | 0                | 38    |
| 9:30 PM  | 1        | 0          | 30                 | 0     | 1                 | 0                | 32    |
| 9:45 PM  | 3        | 0          | 30                 | 0     | 0                 | 0                | 33    |
| 10:00 PM | 2        | 0          | 27                 | 0     | 0                 | 0                | 29    |
| 10:15 PM | 1        | 1          | 32                 | 0     | 1                 | 0                | 35    |
| 10:30 PM | 1        | 0          | 30                 | 0     | 0                 | 0                | 31    |
| 10:45 PM | 3        | 0          | 23                 | 1     | 1                 | 0                | 28    |
| 11:00 PM | 0        | 0          | 17                 | 0     | 0                 | 0                | 17    |
| 11:15 PM | 0        | 0          | 20                 | 0     | 0                 | 0                | 20    |
| 11:30 PM | 0        | 0          | 19                 | 0     | 0                 | 0                | 19    |
| 11:45 PM | 0        | 1          | 14                 | 0     | 0                 | 0                | 15    |

**AM Total 143 21 2145 28 75 5 2417**  
**Percentage 5.92% 0.87% 88.75% 1.16% 3.10% 0.21%**

**PM Total 213 16 2844 32 56 1 3162**  
**Percentage 6.74% 0.51% 89.94% 1.01% 1.77% 0.03%**

**AM Peak 8:15 AM 8:45 AM 8:30 AM 7:00 AM 8:15 AM 7:30 AM 8:15 AM**  
**Volume 53 9 426 13 20 3 501**

**PM Peak 5:00 PM 12:15 PM 5:30 PM 2:45 PM 2:15 PM 7:00 PM 5:30 PM**  
**Volume 37 3 354 9 14 1 397**

**Day Total 356 37 4989 60 131 6 5579**  
**Percentage 6.38% 0.66% 89.42% 1.08% 2.35% 0.11%**

**Broadway**  
**between Dana Street and Highland Ave**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
DATA  
INDUSTRIES, LLC**

157 Washington Street, Suite 2  
Hudson, MA 01749  
508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR B**

**Count Date: Tuesday, September 10, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 12:15 AM | 0        | 0          | 3                  | 0     | 1                 | 0                | 4     |
| 12:30 AM | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 12:45 AM | 0        | 1          | 4                  | 0     | 0                 | 0                | 5     |
| 1:00 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 1:15 AM  | 0        | 0          | 8                  | 0     | 0                 | 0                | 8     |
| 1:30 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 1:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 2:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:30 AM  | 0        | 0          | 0                  | 0     | 0                 | 1                | 1     |
| 2:45 AM  | 0        | 0          | 2                  | 0     | 1                 | 0                | 3     |
| 3:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 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          | 1                  | 0     | 0                 | 0                | 1     |
| 4:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:30 AM  | 0        | 0          | 3                  | 0     | 2                 | 0                | 5     |
| 4:45 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 5:00 AM  | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 5:15 AM  | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 5:30 AM  | 1        | 1          | 18                 | 0     | 0                 | 0                | 20    |
| 5:45 AM  | 0        | 0          | 14                 | 0     | 1                 | 0                | 15    |
| 6:00 AM  | 1        | 0          | 16                 | 0     | 1                 | 0                | 18    |
| 6:15 AM  | 0        | 0          | 26                 | 0     | 1                 | 0                | 27    |
| 6:30 AM  | 0        | 0          | 34                 | 0     | 2                 | 0                | 36    |
| 6:45 AM  | 1        | 0          | 50                 | 3     | 2                 | 0                | 56    |
| 7:00 AM  | 3        | 0          | 48                 | 0     | 2                 | 0                | 53    |
| 7:15 AM  | 2        | 0          | 53                 | 5     | 1                 | 0                | 61    |
| 7:30 AM  | 8        | 0          | 70                 | 4     | 1                 | 0                | 83    |
| 7:45 AM  | 2        | 0          | 78                 | 4     | 3                 | 0                | 87    |
| 8:00 AM  | 7        | 0          | 74                 | 1     | 1                 | 0                | 83    |
| 8:15 AM  | 21       | 0          | 108                | 1     | 0                 | 1                | 131   |
| 8:30 AM  | 8        | 1          | 96                 | 0     | 1                 | 0                | 106   |
| 8:45 AM  | 9        | 0          | 59                 | 0     | 3                 | 0                | 71    |
| 9:00 AM  | 4        | 1          | 71                 | 1     | 0                 | 0                | 77    |
| 9:15 AM  | 4        | 0          | 49                 | 0     | 2                 | 0                | 55    |
| 9:30 AM  | 1        | 1          | 55                 | 0     | 5                 | 0                | 62    |
| 9:45 AM  | 7        | 2          | 54                 | 1     | 2                 | 1                | 67    |
| 10:00 AM | 3        | 1          | 51                 | 0     | 4                 | 0                | 59    |
| 10:15 AM | 7        | 0          | 39                 | 1     | 6                 | 0                | 53    |
| 10:30 AM | 4        | 0          | 56                 | 3     | 2                 | 0                | 65    |
| 10:45 AM | 5        | 1          | 43                 | 0     | 1                 | 1                | 51    |
| 11:00 AM | 5        | 1          | 42                 | 0     | 5                 | 0                | 53    |
| 11:15 AM | 2        | 0          | 50                 | 1     | 0                 | 0                | 53    |
| 11:30 AM | 3        | 1          | 53                 | 0     | 6                 | 1                | 64    |
| 11:45 AM | 6        | 0          | 62                 | 1     | 1                 | 0                | 70    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 6        | 1          | 58                 | 0     | 3                 | 1                | 69    |
| 12:15 PM | 4        | 0          | 62                 | 1     | 3                 | 0                | 70    |
| 12:30 PM | 3        | 1          | 61                 | 1     | 3                 | 0                | 69    |
| 12:45 PM | 8        | 0          | 44                 | 0     | 5                 | 0                | 57    |
| 1:00 PM  | 6        | 1          | 57                 | 0     | 9                 | 0                | 73    |
| 1:15 PM  | 4        | 0          | 70                 | 2     | 3                 | 0                | 79    |
| 1:30 PM  | 2        | 0          | 65                 | 0     | 3                 | 0                | 70    |
| 1:45 PM  | 1        | 2          | 70                 | 0     | 3                 | 0                | 76    |
| 2:00 PM  | 8        | 0          | 70                 | 2     | 2                 | 0                | 82    |
| 2:15 PM  | 6        | 0          | 95                 | 10    | 4                 | 0                | 115   |
| 2:30 PM  | 4        | 1          | 101                | 1     | 1                 | 0                | 108   |
| 2:45 PM  | 6        | 0          | 125                | 3     | 3                 | 0                | 137   |
| 3:00 PM  | 5        | 0          | 89                 | 2     | 1                 | 0                | 97    |
| 3:15 PM  | 9        | 0          | 80                 | 2     | 3                 | 0                | 94    |
| 3:30 PM  | 2        | 0          | 120                | 3     | 4                 | 0                | 129   |
| 3:45 PM  | 3        | 1          | 98                 | 6     | 0                 | 0                | 108   |
| 4:00 PM  | 1        | 0          | 116                | 2     | 0                 | 1                | 120   |
| 4:15 PM  | 15       | 1          | 125                | 2     | 1                 | 0                | 144   |
| 4:30 PM  | 3        | 0          | 122                | 0     | 1                 | 0                | 126   |
| 4:45 PM  | 12       | 0          | 151                | 1     | 1                 | 0                | 165   |
| 5:00 PM  | 14       | 0          | 154                | 1     | 1                 | 0                | 170   |
| 5:15 PM  | 11       | 0          | 130                | 0     | 1                 | 0                | 142   |
| 5:30 PM  | 14       | 1          | 133                | 1     | 1                 | 0                | 150   |
| 5:45 PM  | 13       | 0          | 143                | 0     | 1                 | 0                | 157   |
| 6:00 PM  | 16       | 1          | 100                | 1     | 0                 | 0                | 118   |
| 6:15 PM  | 15       | 0          | 106                | 2     | 0                 | 0                | 123   |
| 6:30 PM  | 18       | 1          | 116                | 0     | 0                 | 0                | 135   |
| 6:45 PM  | 5        | 6          | 104                | 0     | 0                 | 0                | 115   |
| 7:00 PM  | 12       | 3          | 86                 | 0     | 0                 | 0                | 101   |
| 7:15 PM  | 4        | 1          | 81                 | 0     | 0                 | 0                | 86    |
| 7:30 PM  | 3        | 0          | 53                 | 0     | 0                 | 0                | 56    |
| 7:45 PM  | 4        | 0          | 67                 | 0     | 1                 | 0                | 72    |
| 8:00 PM  | 4        | 0          | 51                 | 0     | 0                 | 0                | 55    |
| 8:15 PM  | 5        | 2          | 71                 | 0     | 0                 | 0                | 78    |
| 8:30 PM  | 2        | 0          | 37                 | 0     | 0                 | 0                | 39    |
| 8:45 PM  | 5        | 0          | 50                 | 0     | 0                 | 0                | 55    |
| 9:00 PM  | 1        | 0          | 37                 | 0     | 0                 | 0                | 38    |
| 9:15 PM  | 3        | 0          | 47                 | 0     | 0                 | 0                | 50    |
| 9:30 PM  | 4        | 0          | 39                 | 0     | 0                 | 0                | 43    |
| 9:45 PM  | 6        | 0          | 24                 | 1     | 0                 | 0                | 31    |
| 10:00 PM | 3        | 0          | 26                 | 0     | 0                 | 0                | 29    |
| 10:15 PM | 3        | 1          | 22                 | 0     | 0                 | 0                | 26    |
| 10:30 PM | 2        | 0          | 23                 | 0     | 0                 | 0                | 25    |
| 10:45 PM | 5        | 1          | 21                 | 0     | 0                 | 0                | 27    |
| 11:00 PM | 1        | 0          | 20                 | 0     | 1                 | 0                | 22    |
| 11:15 PM | 1        | 0          | 20                 | 0     | 0                 | 0                | 21    |
| 11:30 PM | 3        | 0          | 17                 | 0     | 0                 | 0                | 20    |
| 11:45 PM | 2        | 0          | 7                  | 0     | 0                 | 0                | 9     |

**AM Total 114 11 1448 26 58 5 1662**  
**Percentage 6.86% 0.66% 87.12% 1.56% 3.49% 0.30%**

**AM Peak 8:00 AM 9:00 AM 7:45 AM 7:15 AM 9:30 AM 10:45 AM 7:45 AM**  
**Volume 45 4 356 14 17 2 407**

**PM Total 287 25 3564 44 59 2 3981**  
**Percentage 7.21% 0.63% 89.53% 1.11% 1.48% 0.05%**

**PM Peak 5:45 PM 6:30 PM 4:45 PM 2:00 PM 12:15 PM 12:00 PM 4:45 PM**  
**Volume 62 11 568 16 20 1 627**

**Day Total 401 36 5012 70 117 7 5643**  
**Percentage 7.11% 0.64% 88.82% 1.24% 2.07% 0.12%**

**Broadway**  
**between Dana Street and Highland Ave**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B**

**Count Date: Wednesday, September 11, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 0          | 12                 | 0     | 0                 | 0                | 12    |
| 12:15 AM | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 12:30 AM | 1        | 0          | 7                  | 0     | 1                 | 0                | 9     |
| 12:45 AM | 1        | 0          | 2                  | 0     | 0                 | 0                | 3     |
| 1:00 AM  | 0        | 0          | 3                  | 0     | 1                 | 0                | 4     |
| 1:15 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 1:30 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 1:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:00 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 2:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 2:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:45 AM  | 0        | 0          | 2                  | 0     | 1                 | 0                | 3     |
| 3:00 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:30 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 3:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:00 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 4:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:30 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 4:45 AM  | 0        | 0          | 8                  | 0     | 0                 | 0                | 8     |
| 5:00 AM  | 1        | 0          | 8                  | 0     | 0                 | 1                | 10    |
| 5:15 AM  | 0        | 0          | 8                  | 0     | 0                 | 0                | 8     |
| 5:30 AM  | 1        | 0          | 15                 | 0     | 0                 | 0                | 16    |
| 5:45 AM  | 0        | 0          | 18                 | 0     | 1                 | 0                | 19    |
| 6:00 AM  | 0        | 0          | 18                 | 0     | 0                 | 0                | 18    |
| 6:15 AM  | 1        | 0          | 23                 | 0     | 2                 | 0                | 26    |
| 6:30 AM  | 3        | 0          | 25                 | 4     | 4                 | 0                | 36    |
| 6:45 AM  | 2        | 0          | 41                 | 3     | 1                 | 0                | 47    |
| 7:00 AM  | 2        | 0          | 48                 | 0     | 8                 | 0                | 58    |
| 7:15 AM  | 0        | 0          | 49                 | 4     | 3                 | 0                | 56    |
| 7:30 AM  | 6        | 0          | 77                 | 6     | 3                 | 0                | 92    |
| 7:45 AM  | 9        | 0          | 70                 | 2     | 2                 | 0                | 83    |
| 8:00 AM  | 15       | 2          | 66                 | 1     | 2                 | 0                | 86    |
| 8:15 AM  | 19       | 1          | 95                 | 1     | 3                 | 0                | 119   |
| 8:30 AM  | 7        | 1          | 75                 | 1     | 2                 | 0                | 86    |
| 8:45 AM  | 13       | 0          | 56                 | 1     | 3                 | 0                | 73    |
| 9:00 AM  | 11       | 0          | 49                 | 0     | 4                 | 0                | 64    |
| 9:15 AM  | 3        | 0          | 49                 | 0     | 3                 | 0                | 55    |
| 9:30 AM  | 2        | 0          | 48                 | 0     | 5                 | 0                | 55    |
| 9:45 AM  | 5        | 0          | 48                 | 0     | 9                 | 0                | 62    |
| 10:00 AM | 9        | 0          | 52                 | 1     | 3                 | 0                | 65    |
| 10:15 AM | 5        | 0          | 58                 | 1     | 7                 | 0                | 71    |
| 10:30 AM | 3        | 0          | 46                 | 1     | 3                 | 0                | 53    |
| 10:45 AM | 2        | 1          | 48                 | 0     | 4                 | 0                | 55    |
| 11:00 AM | 3        | 1          | 52                 | 0     | 4                 | 0                | 60    |
| 11:15 AM | 2        | 0          | 43                 | 2     | 2                 | 0                | 49    |
| 11:30 AM | 5        | 0          | 51                 | 0     | 4                 | 0                | 60    |
| 11:45 AM | 6        | 0          | 53                 | 0     | 4                 | 0                | 63    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 9        | 0          | 42                 | 0     | 3                 | 0                | 54    |
| 12:15 PM | 1        | 1          | 58                 | 3     | 3                 | 0                | 66    |
| 12:30 PM | 4        | 2          | 56                 | 2     | 2                 | 0                | 66    |
| 12:45 PM | 7        | 1          | 59                 | 0     | 6                 | 0                | 73    |
| 1:00 PM  | 2        | 0          | 60                 | 0     | 3                 | 0                | 65    |
| 1:15 PM  | 7        | 0          | 47                 | 3     | 6                 | 0                | 63    |
| 1:30 PM  | 2        | 0          | 62                 | 0     | 4                 | 0                | 68    |
| 1:45 PM  | 4        | 1          | 80                 | 7     | 5                 | 0                | 97    |
| 2:00 PM  | 2        | 0          | 83                 | 3     | 3                 | 0                | 91    |
| 2:15 PM  | 5        | 0          | 88                 | 4     | 0                 | 0                | 97    |
| 2:30 PM  | 8        | 0          | 89                 | 2     | 1                 | 0                | 100   |
| 2:45 PM  | 6        | 0          | 108                | 1     | 2                 | 0                | 117   |
| 3:00 PM  | 7        | 0          | 87                 | 6     | 4                 | 0                | 104   |
| 3:15 PM  | 6        | 1          | 93                 | 4     | 0                 | 0                | 104   |
| 3:30 PM  | 6        | 0          | 108                | 0     | 1                 | 0                | 115   |
| 3:45 PM  | 5        | 1          | 113                | 1     | 0                 | 0                | 120   |
| 4:00 PM  | 7        | 0          | 121                | 2     | 2                 | 0                | 132   |
| 4:15 PM  | 12       | 0          | 119                | 1     | 2                 | 1                | 135   |
| 4:30 PM  | 9        | 0          | 122                | 0     | 1                 | 0                | 132   |
| 4:45 PM  | 5        | 0          | 128                | 0     | 1                 | 0                | 134   |
| 5:00 PM  | 19       | 0          | 142                | 1     | 2                 | 0                | 164   |
| 5:15 PM  | 11       | 0          | 130                | 0     | 1                 | 0                | 142   |
| 5:30 PM  | 15       | 0          | 156                | 0     | 0                 | 0                | 171   |
| 5:45 PM  | 18       | 2          | 149                | 2     | 3                 | 0                | 174   |
| 6:00 PM  | 20       | 1          | 115                | 0     | 0                 | 0                | 136   |
| 6:15 PM  | 10       | 3          | 117                | 2     | 1                 | 0                | 133   |
| 6:30 PM  | 7        | 1          | 114                | 1     | 1                 | 0                | 124   |
| 6:45 PM  | 6        | 4          | 93                 | 1     | 1                 | 0                | 105   |
| 7:00 PM  | 6        | 0          | 68                 | 0     | 0                 | 0                | 74    |
| 7:15 PM  | 4        | 1          | 80                 | 0     | 0                 | 0                | 85    |
| 7:30 PM  | 5        | 1          | 77                 | 0     | 1                 | 0                | 84    |
| 7:45 PM  | 4        | 0          | 76                 | 0     | 0                 | 0                | 80    |
| 8:00 PM  | 4        | 3          | 60                 | 0     | 0                 | 0                | 67    |
| 8:15 PM  | 9        | 0          | 63                 | 0     | 0                 | 0                | 72    |
| 8:30 PM  | 3        | 0          | 44                 | 0     | 0                 | 0                | 47    |
| 8:45 PM  | 0        | 1          | 37                 | 0     | 0                 | 0                | 38    |
| 9:00 PM  | 0        | 1          | 34                 | 0     | 0                 | 0                | 35    |
| 9:15 PM  | 4        | 1          | 52                 | 0     | 1                 | 0                | 58    |
| 9:30 PM  | 3        | 0          | 38                 | 0     | 0                 | 0                | 41    |
| 9:45 PM  | 4        | 0          | 33                 | 0     | 0                 | 1                | 38    |
| 10:00 PM | 1        | 0          | 33                 | 0     | 0                 | 0                | 34    |
| 10:15 PM | 2        | 1          | 32                 | 0     | 0                 | 0                | 35    |
| 10:30 PM | 1        | 0          | 24                 | 0     | 0                 | 0                | 25    |
| 10:45 PM | 1        | 0          | 15                 | 0     | 2                 | 0                | 18    |
| 11:00 PM | 1        | 1          | 27                 | 0     | 0                 | 0                | 29    |
| 11:15 PM | 2        | 1          | 25                 | 0     | 0                 | 0                | 28    |
| 11:30 PM | 1        | 0          | 9                  | 1     | 0                 | 0                | 11    |
| 11:45 PM | 1        | 0          | 20                 | 0     | 0                 | 0                | 21    |

|                       |                |                |                |                |                |                |                |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>AM Total</b>       | <b>137</b>     | <b>6</b>       | <b>1358</b>    | <b>28</b>      | <b>91</b>      | <b>1</b>       | <b>1621</b>    |
| <b>Percentage</b>     | <b>8.45%</b>   | <b>0.37%</b>   | <b>83.78%</b>  | <b>1.73%</b>   | <b>5.61%</b>   | <b>0.06%</b>   |                |
| <b>AM Peak Volume</b> | <b>8:00 AM</b> | <b>7:45 AM</b> | <b>7:30 AM</b> | <b>6:45 AM</b> | <b>9:30 AM</b> | <b>4:15 AM</b> | <b>7:30 AM</b> |
|                       | <b>54</b>      | <b>4</b>       | <b>308</b>     | <b>13</b>      | <b>24</b>      | <b>1</b>       | <b>380</b>     |

|                       |                |                |                |                |                 |                |                |
|-----------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>PM Total</b>       | <b>276</b>     | <b>29</b>      | <b>3586</b>    | <b>47</b>      | <b>62</b>       | <b>2</b>       | <b>4002</b>    |
| <b>Percentage</b>     | <b>6.90%</b>   | <b>0.72%</b>   | <b>89.61%</b>  | <b>1.17%</b>   | <b>1.55%</b>    | <b>0.05%</b>   |                |
| <b>PM Peak Volume</b> | <b>5:15 PM</b> | <b>6:00 PM</b> | <b>5:00 PM</b> | <b>1:45 PM</b> | <b>12:45 PM</b> | <b>3:30 PM</b> | <b>5:00 PM</b> |
|                       | <b>64</b>      | <b>9</b>       | <b>577</b>     | <b>16</b>      | <b>19</b>       | <b>1</b>       | <b>651</b>     |
| <b>Day Total</b>      | <b>413</b>     | <b>35</b>      | <b>4944</b>    | <b>75</b>      | <b>153</b>      | <b>3</b>       | <b>5623</b>    |
| <b>Percentage</b>     | <b>7.34%</b>   | <b>0.62%</b>   | <b>87.92%</b>  | <b>1.33%</b>   | <b>2.72%</b>    | <b>0.05%</b>   |                |

**Broadway**  
**between Dana Street and Highland Ave**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



PRECISION  
 DATA  
 INDUSTRIES, LLC  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR B**

**Count Date: Thursday, September 12, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 0          | 13                 | 0     | 0                 | 0                | 13    |
| 12:15 AM | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 12:30 AM | 1        | 0          | 2                  | 0     | 0                 | 0                | 3     |
| 12:45 AM | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 1:00 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 1:15 AM  | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 1:30 AM  | 0        | 1          | 3                  | 0     | 0                 | 0                | 4     |
| 1:45 AM  | 0        | 0          | 3                  | 0     | 1                 | 0                | 4     |
| 2:00 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:30 AM  | 0        | 1          | 2                  | 0     | 0                 | 0                | 3     |
| 2:45 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:30 AM  | 0        | 0          | 1                  | 1     | 0                 | 1                | 3     |
| 3:45 AM  | 0        | 0          | 2                  | 0     | 2                 | 0                | 4     |
| 4:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:15 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 4:30 AM  | 1        | 0          | 2                  | 0     | 0                 | 0                | 3     |
| 4:45 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 5:00 AM  | 1        | 0          | 1                  | 0     | 0                 | 0                | 2     |
| 5:15 AM  | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 5:30 AM  | 1        | 0          | 15                 | 0     | 1                 | 0                | 17    |
| 5:45 AM  | 0        | 0          | 17                 | 0     | 0                 | 1                | 18    |
| 6:00 AM  | 0        | 0          | 23                 | 0     | 2                 | 0                | 25    |
| 6:15 AM  | 3        | 0          | 25                 | 1     | 0                 | 0                | 29    |
| 6:30 AM  | 0        | 0          | 33                 | 3     | 1                 | 0                | 37    |
| 6:45 AM  | 3        | 0          | 50                 | 2     | 1                 | 0                | 56    |
| 7:00 AM  | 1        | 0          | 37                 | 1     | 1                 | 0                | 40    |
| 7:15 AM  | 2        | 0          | 55                 | 5     | 1                 | 0                | 63    |
| 7:30 AM  | 7        | 0          | 53                 | 5     | 6                 | 0                | 71    |
| 7:45 AM  | 6        | 1          | 82                 | 4     | 2                 | 0                | 95    |
| 8:00 AM  | 7        | 0          | 79                 | 1     | 1                 | 0                | 88    |
| 8:15 AM  | 27       | 1          | 88                 | 1     | 0                 | 0                | 117   |
| 8:30 AM  | 6        | 0          | 77                 | 1     | 2                 | 0                | 86    |
| 8:45 AM  | 7        | 1          | 55                 | 1     | 2                 | 0                | 66    |
| 9:00 AM  | 5        | 0          | 52                 | 0     | 3                 | 0                | 60    |
| 9:15 AM  | 7        | 1          | 54                 | 1     | 2                 | 0                | 65    |
| 9:30 AM  | 5        | 0          | 54                 | 0     | 5                 | 0                | 64    |
| 9:45 AM  | 2        | 0          | 44                 | 1     | 3                 | 1                | 51    |
| 10:00 AM | 6        | 0          | 48                 | 0     | 3                 | 0                | 57    |
| 10:15 AM | 4        | 1          | 45                 | 1     | 4                 | 0                | 55    |
| 10:30 AM | 6        | 0          | 50                 | 1     | 5                 | 0                | 62    |
| 10:45 AM | 3        | 0          | 49                 | 0     | 3                 | 0                | 55    |
| 11:00 AM | 1        | 0          | 51                 | 0     | 6                 | 0                | 58    |
| 11:15 AM | 2        | 0          | 38                 | 1     | 6                 | 0                | 47    |
| 11:30 AM | 4        | 0          | 67                 | 0     | 3                 | 0                | 74    |
| 11:45 AM | 10       | 0          | 75                 | 1     | 4                 | 1                | 91    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 4        | 2          | 68                 | 0     | 2                 | 0                | 76    |
| 12:15 PM | 2        | 2          | 64                 | 1     | 0                 | 0                | 69    |
| 12:30 PM | 5        | 0          | 70                 | 2     | 3                 | 1                | 81    |
| 12:45 PM | 5        | 2          | 58                 | 0     | 3                 | 0                | 68    |
| 1:00 PM  | 2        | 2          | 72                 | 0     | 2                 | 0                | 78    |
| 1:15 PM  | 6        | 0          | 59                 | 2     | 2                 | 0                | 69    |
| 1:30 PM  | 5        | 0          | 62                 | 1     | 1                 | 0                | 69    |
| 1:45 PM  | 3        | 0          | 74                 | 0     | 2                 | 0                | 79    |
| 2:00 PM  | 5        | 0          | 79                 | 1     | 2                 | 0                | 87    |
| 2:15 PM  | 8        | 0          | 91                 | 8     | 0                 | 0                | 107   |
| 2:30 PM  | 5        | 0          | 102                | 0     | 1                 | 0                | 108   |
| 2:45 PM  | 8        | 1          | 99                 | 3     | 2                 | 0                | 113   |
| 3:00 PM  | 8        | 1          | 114                | 3     | 0                 | 0                | 126   |
| 3:15 PM  | 6        | 0          | 96                 | 1     | 2                 | 0                | 105   |
| 3:30 PM  | 4        | 0          | 126                | 6     | 1                 | 0                | 137   |
| 3:45 PM  | 2        | 0          | 120                | 2     | 1                 | 0                | 125   |
| 4:00 PM  | 10       | 1          | 120                | 1     | 1                 | 0                | 133   |
| 4:15 PM  | 9        | 1          | 131                | 4     | 0                 | 0                | 145   |
| 4:30 PM  | 10       | 0          | 115                | 0     | 1                 | 0                | 126   |
| 4:45 PM  | 12       | 0          | 137                | 0     | 1                 | 0                | 150   |
| 5:00 PM  | 15       | 3          | 146                | 1     | 1                 | 0                | 166   |
| 5:15 PM  | 11       | 1          | 123                | 1     | 2                 | 0                | 138   |
| 5:30 PM  | 17       | 2          | 135                | 0     | 1                 | 0                | 155   |
| 5:45 PM  | 17       | 1          | 150                | 1     | 1                 | 0                | 170   |
| 6:00 PM  | 10       | 2          | 100                | 1     | 0                 | 0                | 113   |
| 6:15 PM  | 8        | 1          | 120                | 1     | 0                 | 0                | 130   |
| 6:30 PM  | 9        | 0          | 99                 | 1     | 1                 | 0                | 110   |
| 6:45 PM  | 3        | 0          | 98                 | 0     | 1                 | 0                | 102   |
| 7:00 PM  | 5        | 3          | 83                 | 0     | 0                 | 0                | 91    |
| 7:15 PM  | 9        | 1          | 90                 | 0     | 0                 | 0                | 100   |
| 7:30 PM  | 8        | 0          | 87                 | 0     | 2                 | 0                | 97    |
| 7:45 PM  | 6        | 0          | 57                 | 0     | 1                 | 0                | 64    |
| 8:00 PM  | 2        | 0          | 57                 | 0     | 1                 | 0                | 60    |
| 8:15 PM  | 6        | 2          | 65                 | 0     | 1                 | 0                | 74    |
| 8:30 PM  | 4        | 0          | 35                 | 0     | 0                 | 0                | 39    |
| 8:45 PM  | 3        | 2          | 50                 | 0     | 2                 | 0                | 57    |
| 9:00 PM  | 4        | 0          | 42                 | 0     | 0                 | 0                | 46    |
| 9:15 PM  | 4        | 0          | 49                 | 0     | 0                 | 0                | 53    |
| 9:30 PM  | 7        | 0          | 42                 | 0     | 1                 | 0                | 50    |
| 9:45 PM  | 6        | 0          | 44                 | 0     | 0                 | 0                | 50    |
| 10:00 PM | 2        | 0          | 32                 | 0     | 1                 | 0                | 35    |
| 10:15 PM | 3        | 0          | 43                 | 1     | 0                 | 0                | 47    |
| 10:30 PM | 1        | 0          | 39                 | 0     | 0                 | 0                | 40    |
| 10:45 PM | 3        | 0          | 23                 | 0     | 0                 | 0                | 26    |
| 11:00 PM | 0        | 1          | 27                 | 0     | 1                 | 0                | 29    |
| 11:15 PM | 0        | 0          | 19                 | 0     | 1                 | 0                | 20    |
| 11:30 PM | 1        | 0          | 20                 | 0     | 0                 | 0                | 21    |
| 11:45 PM | 0        | 0          | 14                 | 0     | 3                 | 0                | 17    |

**AM Total** 128 7 1398 32 70 4 1639  
**Percentage** 7.81% 0.43% 85.30% 1.95% 4.27% 0.24%

**AM Peak** 7:30 AM 7:30 AM 7:45 AM 7:00 AM 10:30 AM 2:45 AM 7:45 AM  
**Volume** 47 2 326 15 20 1 386

**PM Total** 283 31 3746 42 48 1 4151  
**Percentage** 6.82% 0.75% 90.24% 1.01% 1.16% 0.02%

**PM Peak** 5:00 PM 5:00 PM 5:00 PM 2:15 PM 12:30 PM 12:00 PM 5:00 PM  
**Volume** 60 7 554 14 10 1 629

**Day Total** 411 38 5144 74 118 5 5790  
**Percentage** 7.10% 0.66% 88.84% 1.28% 2.04% 0.09%



**Broadway**  
**between Dana Street and Highland Ave**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 D A T A  
 INDUSTRIES, LLC**  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File # 240156 ATR B**

**Direction: EB**

**Weekly Report**

| Day<br>Date      | Tuesday<br>09/10/24 |                | Wednesday<br>09/11/24 |                | Thursday<br>09/12/24 |                |          |          |          |          |          |          |          |          | Week<br>Ave    |                |
|------------------|---------------------|----------------|-----------------------|----------------|----------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|----------------|
|                  | AM                  | PM             | AM                    | PM             | AM                   | PM             | AM       | PM       | AM       | PM       | AM       | PM       | AM       | PM       | AM             | PM             |
| 12:00            | 12                  | 75             | 15                    | 57             | 11                   | 67             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 13             | 66             |
| 12:15            | 5                   | 86             | 7                     | 98             | 7                    | 68             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6              | 84             |
| 12:30            | 3                   | 66             | 6                     | 78             | 8                    | 64             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6              | 69             |
| 12:45            | 2                   | 85             | 3                     | 67             | 2                    | 72             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 75             |
| 1:00             | 4                   | 62             | 3                     | 72             | 2                    | 65             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 66             |
| 1:15             | 1                   | 58             | 2                     | 79             | 2                    | 74             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 70             |
| 1:30             | 3                   | 79             | 1                     | 68             | 3                    | 68             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 72             |
| 1:45             | 1                   | 78             | 3                     | 67             | 2                    | 74             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 73             |
| 2:00             | 1                   | 69             | 4                     | 69             | 4                    | 72             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 70             |
| 2:15             | 2                   | 78             | 1                     | 77             | 2                    | 75             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 77             |
| 2:30             | 1                   | 75             | 2                     | 83             | 2                    | 79             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 79             |
| 2:45             | 1                   | 69             | 1                     | 67             | 1                    | 78             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 71             |
| 3:00             | 3                   | 84             | 2                     | 98             | 3                    | 91             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 91             |
| 3:15             | 1                   | 101            | 0                     | 112            | 1                    | 102            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 105            |
| 3:30             | 2                   | 85             | 1                     | 78             | 1                    | 80             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 81             |
| 3:45             | 3                   | 81             | 4                     | 74             | 1                    | 76             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 77             |
| 4:00             | 0                   | 71             | 4                     | 79             | 0                    | 102            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 84             |
| 4:15             | 2                   | 81             | 1                     | 86             | 3                    | 95             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 87             |
| 4:30             | 5                   | 76             | 6                     | 94             | 4                    | 96             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5              | 89             |
| 4:45             | 10                  | 77             | 6                     | 84             | 6                    | 72             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 7              | 78             |
| 5:00             | 10                  | 92             | 5                     | 88             | 8                    | 82             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 8              | 87             |
| 5:15             | 16                  | 104            | 17                    | 121            | 16                   | 99             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 16             | 108            |
| 5:30             | 21                  | 122            | 20                    | 82             | 28                   | 94             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 23             | 99             |
| 5:45             | 41                  | 98             | 46                    | 103            | 36                   | 95             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 41             | 99             |
| 6:00             | 44                  | 111            | 38                    | 96             | 41                   | 107            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 41             | 105            |
| 6:15             | 52                  | 122            | 40                    | 107            | 47                   | 101            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 46             | 110            |
| 6:30             | 64                  | 96             | 71                    | 97             | 80                   | 87             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 72             | 93             |
| 6:45             | 96                  | 88             | 94                    | 111            | 91                   | 71             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 94             | 90             |
| 7:00             | 96                  | 81             | 95                    | 60             | 94                   | 72             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 95             | 71             |
| 7:15             | 111                 | 63             | 105                   | 41             | 98                   | 84             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 105            | 63             |
| 7:30             | 133                 | 59             | 111                   | 85             | 131                  | 79             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 125            | 74             |
| 7:45             | 116                 | 50             | 117                   | 51             | 112                  | 59             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 115            | 53             |
| 8:00             | 115                 | 63             | 116                   | 56             | 114                  | 58             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 115            | 59             |
| 8:15             | 109                 | 47             | 101                   | 43             | 109                  | 58             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 106            | 49             |
| 8:30             | 127                 | 57             | 108                   | 48             | 126                  | 65             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 120            | 57             |
| 8:45             | 156                 | 28             | 137                   | 46             | 137                  | 50             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 143            | 41             |
| 9:00             | 115                 | 41             | 131                   | 47             | 129                  | 34             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 125            | 41             |
| 9:15             | 114                 | 41             | 133                   | 37             | 105                  | 38             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 117            | 39             |
| 9:30             | 111                 | 32             | 116                   | 36             | 109                  | 32             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 112            | 33             |
| 9:45             | 137                 | 29             | 89                    | 29             | 100                  | 33             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 109            | 30             |
| 10:00            | 100                 | 24             | 113                   | 36             | 88                   | 29             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 100            | 30             |
| 10:15            | 80                  | 28             | 93                    | 29             | 95                   | 35             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 89             | 31             |
| 10:30            | 100                 | 25             | 111                   | 12             | 87                   | 31             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 99             | 23             |
| 10:45            | 93                  | 22             | 80                    | 24             | 96                   | 28             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 90             | 25             |
| 11:00            | 85                  | 27             | 59                    | 19             | 75                   | 17             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 73             | 21             |
| 11:15            | 62                  | 21             | 49                    | 17             | 56                   | 20             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 56             | 19             |
| 11:30            | 55                  | 12             | 68                    | 22             | 77                   | 19             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 67             | 18             |
| 11:45            | 67                  | 11             | 73                    | 9              | 67                   | 15             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 69             | 12             |
| <b>Total</b>     | <b>2488</b>         | <b>3130</b>    | <b>2408</b>           | <b>3139</b>    | <b>2417</b>          | <b>3162</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>2438</b>    | <b>3144</b>    |
| <b>Day Total</b> | <b>5618</b>         |                | <b>5547</b>           |                | <b>5579</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>5581</b>    |                |
| <b>Peak HR</b>   | <b>8:30 AM</b>      | <b>5:30 PM</b> | <b>8:45 AM</b>        | <b>6:00 PM</b> | <b>8:15 AM</b>       | <b>5:30 PM</b> |          |          |          |          |          |          |          |          | <b>8:30 AM</b> | <b>5:30 PM</b> |
| <b>Volume</b>    | <b>512</b>          | <b>453</b>     | <b>517</b>            | <b>411</b>     | <b>501</b>           | <b>397</b>     |          |          |          |          |          |          |          |          | <b>506</b>     | <b>413</b>     |

**Broadway**  
**between Dana Street and Highland Ave**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



PRECISION  
 DATA  
 INDUSTRIES, LLC  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

PDI File # 240156 ATR B

Direction: WB

**Weekly Report**

| Day<br>Date      | Tuesday<br>09/10/24 |                | Wednesday<br>09/11/24 |                | Thursday<br>09/12/24 |                |          |          |          |          |          |          |          |                | Week<br>Ave    |             |
|------------------|---------------------|----------------|-----------------------|----------------|----------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------------|----------------|-------------|
|                  | AM                  | PM             | AM                    | PM             | AM                   | PM             | AM       | PM       | AM       | PM       | AM       | PM       | AM       | PM             | AM             | PM          |
| 12:00            | 7                   | 69             | 12                    | 54             | 13                   | 76             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 11             | 66          |
| 12:15            | 4                   | 70             | 9                     | 66             | 6                    | 69             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 6              | 68          |
| 12:30            | 9                   | 69             | 9                     | 66             | 3                    | 81             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 7              | 72          |
| 12:45            | 5                   | 57             | 3                     | 73             | 7                    | 68             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 5              | 66          |
| 1:00             | 5                   | 73             | 4                     | 65             | 4                    | 78             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 4              | 72          |
| 1:15             | 8                   | 79             | 4                     | 63             | 7                    | 69             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 6              | 70          |
| 1:30             | 6                   | 70             | 2                     | 68             | 4                    | 69             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 4              | 69          |
| 1:45             | 1                   | 76             | 3                     | 97             | 4                    | 79             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 3              | 84          |
| 2:00             | 2                   | 82             | 4                     | 91             | 3                    | 87             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 3              | 87          |
| 2:15             | 2                   | 115            | 1                     | 97             | 3                    | 107            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 106         |
| 2:30             | 1                   | 108            | 2                     | 100            | 3                    | 108            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 105         |
| 2:45             | 3                   | 137            | 3                     | 117            | 2                    | 113            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 3              | 122         |
| 3:00             | 1                   | 97             | 3                     | 104            | 1                    | 126            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 109         |
| 3:15             | 2                   | 94             | 2                     | 104            | 1                    | 105            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 101         |
| 3:30             | 1                   | 129            | 0                     | 115            | 3                    | 137            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 1              | 127         |
| 3:45             | 2                   | 108            | 1                     | 120            | 4                    | 125            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 118         |
| 4:00             | 1                   | 120            | 2                     | 132            | 1                    | 133            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 1              | 128         |
| 4:15             | 1                   | 144            | 1                     | 135            | 4                    | 145            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 2              | 141         |
| 4:30             | 5                   | 126            | 3                     | 132            | 3                    | 126            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 4              | 128         |
| 4:45             | 6                   | 165            | 8                     | 134            | 5                    | 150            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 6              | 150         |
| 5:00             | 7                   | 170            | 10                    | 164            | 2                    | 166            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 6              | 167         |
| 5:15             | 7                   | 142            | 8                     | 142            | 9                    | 138            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 8              | 141         |
| 5:30             | 20                  | 150            | 16                    | 171            | 17                   | 155            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 18             | 159         |
| 5:45             | 15                  | 157            | 19                    | 174            | 18                   | 170            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 17             | 167         |
| 6:00             | 18                  | 118            | 18                    | 136            | 25                   | 113            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 20             | 122         |
| 6:15             | 27                  | 123            | 26                    | 133            | 29                   | 130            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 27             | 129         |
| 6:30             | 36                  | 135            | 36                    | 124            | 37                   | 110            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 36             | 123         |
| 6:45             | 56                  | 115            | 47                    | 105            | 56                   | 102            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 53             | 107         |
| 7:00             | 53                  | 101            | 58                    | 74             | 40                   | 91             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 50             | 89          |
| 7:15             | 61                  | 86             | 56                    | 85             | 63                   | 100            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 60             | 90          |
| 7:30             | 83                  | 56             | 92                    | 84             | 71                   | 97             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 82             | 79          |
| 7:45             | 87                  | 72             | 83                    | 80             | 95                   | 64             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 88             | 72          |
| 8:00             | 83                  | 55             | 86                    | 67             | 88                   | 60             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 86             | 61          |
| 8:15             | 131                 | 78             | 119                   | 72             | 117                  | 74             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 122            | 75          |
| 8:30             | 106                 | 39             | 86                    | 47             | 86                   | 39             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 93             | 42          |
| 8:45             | 71                  | 55             | 73                    | 38             | 66                   | 57             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 70             | 50          |
| 9:00             | 77                  | 38             | 64                    | 35             | 60                   | 46             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 67             | 40          |
| 9:15             | 55                  | 50             | 55                    | 58             | 65                   | 53             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 58             | 54          |
| 9:30             | 62                  | 43             | 55                    | 41             | 64                   | 50             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 60             | 45          |
| 9:45             | 67                  | 31             | 62                    | 38             | 51                   | 50             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 60             | 40          |
| 10:00            | 59                  | 29             | 65                    | 34             | 57                   | 35             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 60             | 33          |
| 10:15            | 53                  | 26             | 71                    | 35             | 55                   | 47             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 60             | 36          |
| 10:30            | 65                  | 25             | 53                    | 25             | 62                   | 40             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 60             | 30          |
| 10:45            | 51                  | 27             | 55                    | 18             | 55                   | 26             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 54             | 24          |
| 11:00            | 53                  | 22             | 60                    | 29             | 58                   | 29             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 57             | 27          |
| 11:15            | 53                  | 21             | 49                    | 28             | 47                   | 20             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 50             | 23          |
| 11:30            | 64                  | 20             | 60                    | 11             | 74                   | 21             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 66             | 17          |
| 11:45            | 70                  | 9              | 63                    | 21             | 91                   | 17             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 75             | 16          |
| <b>Total</b>     | <b>1662</b>         | <b>3981</b>    | <b>1621</b>           | <b>4002</b>    | <b>1639</b>          | <b>4151</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>1641</b>    | <b>4045</b> |
| <b>Day Total</b> | <b>5643</b>         |                | <b>5623</b>           |                | <b>5790</b>          |                | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>5685</b>    |                |             |
| <b>Peak HR</b>   | <b>7:45 AM</b>      | <b>4:45 PM</b> | <b>7:30 AM</b>        | <b>5:00 PM</b> | <b>7:45 AM</b>       | <b>5:00 PM</b> |          |          |          |          |          |          |          | <b>7:45 AM</b> | <b>5:00 PM</b> |             |
| <b>Volume</b>    | <b>407</b>          | <b>627</b>     | <b>380</b>            | <b>651</b>     | <b>386</b>           | <b>629</b>     |          |          |          |          |          |          |          | <b>389</b>     | <b>633</b>     |             |

**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

**Speed (60-minute)**

| EB             |              |              |               |               |               |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 2            | 0            | 3             | 5             | 5             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 15          | 31.0        | 25.7        |
| 1:00 AM        | 0            | 0            | 0             | 3             | 1             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 5           | 33.0        | 29.4        |
| 2:00 AM        | 0            | 0            | 2             | 3             | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 5           | 29.0        | 26.4        |
| 3:00 AM        | 0            | 0            | 4             | 2             | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 6           | 27.0        | 24.0        |
| 4:00 AM        | 0            | 1            | 1             | 0             | 8             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 12          | 34.4        | 30.9        |
| 5:00 AM        | 0            | 2            | 3             | 23            | 33            | 6            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 71          | 34.0        | 30.3        |
| 6:00 AM        | 1            | 2            | 23            | 106           | 42            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 176         | 30.8        | 27.5        |
| 7:00 AM        | 16           | 31           | 74            | 111           | 17            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 250         | 28.0        | 23.5        |
| 8:00 AM        | 22           | 32           | 107           | 75            | 17            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 257         | 28.0        | 22.9        |
| 9:00 AM        | 15           | 32           | 103           | 93            | 9             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 254         | 28.0        | 23.1        |
| 10:00 AM       | 6            | 8            | 59            | 117           | 33            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 227         | 30.0        | 25.8        |
| 11:00 AM       | 4            | 8            | 67            | 76            | 26            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 182         | 29.0        | 25.1        |
| 12:00 PM       | 6            | 23           | 86            | 64            | 13            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 194         | 28.0        | 23.7        |
| 1:00 PM        | 3            | 5            | 65            | 91            | 25            | 2            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 193         | 29.2        | 25.7        |
| 2:00 PM        | 6            | 10           | 66            | 96            | 18            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 197         | 28.0        | 24.7        |
| 3:00 PM        | 20           | 22           | 92            | 65            | 16            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 217         | 28.0        | 22.8        |
| 4:00 PM        | 1            | 15           | 60            | 87            | 18            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 181         | 28.0        | 24.8        |
| 5:00 PM        | 7            | 24           | 112           | 49            | 7             | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 203         | 28.0        | 23.0        |
| 6:00 PM        | 11           | 14           | 86            | 87            | 13            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 218         | 28.0        | 24.1        |
| 7:00 PM        | 0            | 0            | 4             | 8             | 4             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 17          | 30.0        | 27.2        |
| 8:00 PM        | 4            | 8            | 35            | 57            | 16            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 123         | 29.7        | 25.4        |
| 9:00 PM        | 3            | 5            | 37            | 52            | 17            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 116         | 30.0        | 25.5        |
| 10:00 PM       | 2            | 7            | 25            | 29            | 12            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 77          | 30.0        | 25.0        |
| 11:00 PM       | 2            | 3            | 17            | 22            | 11            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 59          | 31.0        | 26.0        |
| <b>Total</b>   | <b>131</b>   | <b>252</b>   | <b>1131</b>   | <b>1321</b>   | <b>361</b>    | <b>50</b>    | <b>8</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>3255</b> | <b>29.0</b> | <b>24.6</b> |
| <b>Percent</b> | <b>4.02%</b> | <b>7.74%</b> | <b>34.75%</b> | <b>40.58%</b> | <b>11.09%</b> | <b>1.54%</b> | <b>0.25%</b> | <b>0.03%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |          |         |         |         |         |   |   |   |   |   |   |   |         |
|----------------|---------|---------|---------|----------|---------|---------|---------|---------|---|---|---|---|---|---|---|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 8:00 AM | 10:00 AM | 6:00 AM | 5:00 AM | 5:00 AM | 5:00 AM |   |   |   |   |   |   |   | 8:00 AM |
| <b>Volume</b>  | 22      | 32      | 107     | 117      | 42      | 6       | 3       | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257     |

|                |         |         |         |         |         |         |         |   |   |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---|---|---|---|---|---|---|-----|---------|
| <b>PM Peak</b> | 3:00 PM | 5:00 PM | 5:00 PM | 2:00 PM | 1:00 PM | 6:00 PM | 1:00 PM |   |   |   |   |   |   |   |     | 6:00 PM |
| <b>Volume</b>  | 20      | 24      | 112     | 96      | 25      | 7       | 2       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 218 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 20.0 MPH | Average Speed:   | 24.6 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 25.0 MPH | 10 MPH Pace:     | 21 to 30 MPH | Number of Vehicles > 25 MPH:  | 1421   |
| 85th Percentile: | 29.0 MPH | Number in Pace:  | 2459         | Percent of Vehicles > 25 MPH: | 43.7%  |
| 95th Percentile: | 32.0 MPH | Percent in Pace: | 75.5%        |                               |        |

**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

**Speed (60-minute)**

| WB             |              |              |               |               |               |               |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39      | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 0            | 2            | 5             | 7             | 7             | 3             | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 25          | 34.4        | 28.4        |
| 1:00 AM        | 0            | 0            | 2             | 4             | 9             | 5             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 21          | 35.0        | 30.9        |
| 2:00 AM        | 0            | 0            | 2             | 1             | 1             | 2             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 7           | 39.3        | 32.0        |
| 3:00 AM        | 0            | 0            | 0             | 2             | 1             | 1             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 5           | 37.6        | 32.2        |
| 4:00 AM        | 0            | 0            | 2             | 3             | 4             | 2             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 13          | 37.8        | 31.8        |
| 5:00 AM        | 1            | 0            | 4             | 17            | 18            | 7             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 49          | 35.8        | 29.9        |
| 6:00 AM        | 2            | 2            | 11            | 51            | 46            | 12            | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 129         | 34.0        | 29.8        |
| 7:00 AM        | 2            | 12           | 83            | 101           | 38            | 28            | 9            | 4            | 0            | 0            | 0            | 0            | 0            | 277         | 34.0        | 27.5        |
| 8:00 AM        | 8            | 14           | 118           | 104           | 73            | 33            | 9            | 0            | 0            | 0            | 0            | 0            | 0            | 359         | 34.0        | 26.9        |
| 9:00 AM        | 5            | 14           | 67            | 73            | 50            | 33            | 4            | 0            | 1            | 0            | 0            | 0            | 0            | 247         | 35.0        | 27.6        |
| 10:00 AM       | 2            | 6            | 51            | 84            | 42            | 22            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 212         | 34.0        | 27.8        |
| 11:00 AM       | 6            | 11           | 63            | 83            | 43            | 21            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 231         | 33.0        | 27.1        |
| 12:00 PM       | 5            | 21           | 64            | 75            | 40            | 28            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 237         | 33.6        | 26.6        |
| 1:00 PM        | 3            | 9            | 67            | 106           | 68            | 26            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 285         | 33.0        | 27.8        |
| 2:00 PM        | 2            | 15           | 114           | 141           | 87            | 47            | 11           | 2            | 0            | 0            | 0            | 0            | 0            | 419         | 34.0        | 28.0        |
| 3:00 PM        | 4            | 31           | 112           | 105           | 81            | 34            | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 377         | 33.0        | 27.0        |
| 4:00 PM        | 2            | 20           | 148           | 159           | 107           | 61            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 502         | 34.0        | 27.5        |
| 5:00 PM        | 10           | 61           | 172           | 104           | 90            | 39            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 482         | 33.0        | 25.6        |
| 6:00 PM        | 3            | 30           | 115           | 148           | 86            | 45            | 9            | 0            | 0            | 0            | 0            | 0            | 0            | 436         | 34.0        | 27.1        |
| 7:00 PM        | 1            | 24           | 113           | 76            | 49            | 28            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 297         | 33.0        | 26.3        |
| 8:00 PM        | 4            | 17           | 61            | 71            | 41            | 30            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 229         | 34.8        | 27.2        |
| 9:00 PM        | 2            | 10           | 37            | 65            | 37            | 11            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 165         | 33.0        | 27.2        |
| 10:00 PM       | 3            | 8            | 24            | 35            | 28            | 9             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 110         | 33.0        | 26.9        |
| 11:00 PM       | 3            | 4            | 10            | 33            | 13            | 10            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 75          | 34.9        | 27.9        |
| <b>Total</b>   | <b>68</b>    | <b>311</b>   | <b>1445</b>   | <b>1648</b>   | <b>1059</b>   | <b>537</b>    | <b>110</b>   | <b>9</b>     | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>5189</b> | <b>34.0</b> | <b>27.3</b> |
| <b>Percent</b> | <b>1.31%</b> | <b>5.99%</b> | <b>27.85%</b> | <b>31.76%</b> | <b>20.41%</b> | <b>10.35%</b> | <b>2.12%</b> | <b>0.17%</b> | <b>0.04%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |         |         |          |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 8:00 AM | 8:00 AM | 8:00 AM | 8:00 AM | 7:00 AM | 7:00 AM | 12:00 AM |   |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 8       | 14      | 118     | 104     | 73      | 33      | 9       | 4       | 1        | 0 | 0 | 0 | 0 | 0 | 0   | 359     |
| <b>PM Peak</b> | 5:00 PM | 5:00 PM | 5:00 PM | 4:00 PM | 4:00 PM | 4:00 PM | 2:00 PM | 2:00 PM |          |   |   |   |   |   |     | 4:00 PM |
| <b>Volume</b>  | 10      | 61      | 172     | 159     | 107     | 61      | 11      | 2       | 0        | 0 | 0 | 0 | 0 | 0 | 502 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 22.0 MPH | Average Speed:   | 27.3 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 27.0 MPH | 10 MPH Pace:     | 22 to 31 MPH | Number of Vehicles > 25 MPH:  | 2988   |
| 85th Percentile: | 34.0 MPH | Number in Pace:  | 3144         | Percent of Vehicles > 25 MPH: | 57.6%  |
| 95th Percentile: | 37.0 MPH | Percent in Pace: | 60.6%        |                               |        |

**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

**Speed (60-minute)**

**Combined EB and WB**

| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 2            | 2            | 8             | 12            | 12            | 3            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 40          | 33.2        | 27.4        |
| 1:00 AM        | 0            | 0            | 2             | 7             | 10            | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 26          | 35.0        | 30.6        |
| 2:00 AM        | 0            | 0            | 4             | 4             | 1             | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 12          | 36.4        | 29.7        |
| 3:00 AM        | 0            | 0            | 4             | 4             | 1             | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 11          | 34.5        | 27.7        |
| 4:00 AM        | 0            | 1            | 3             | 3             | 12            | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 25          | 36.4        | 31.4        |
| 5:00 AM        | 1            | 2            | 7             | 40            | 51            | 13           | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 120         | 35.0        | 30.1        |
| 6:00 AM        | 3            | 4            | 34            | 157           | 88            | 14           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 305         | 32.0        | 28.5        |
| 7:00 AM        | 18           | 43           | 157           | 212           | 55            | 29           | 9            | 4            | 0            | 0            | 0            | 0            | 0            | 527         | 31.0        | 25.6        |
| 8:00 AM        | 30           | 46           | 225           | 179           | 90            | 36           | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 616         | 32.0        | 25.3        |
| 9:00 AM        | 20           | 46           | 170           | 166           | 59            | 35           | 4            | 0            | 1            | 0            | 0            | 0            | 0            | 501         | 31.0        | 25.3        |
| 10:00 AM       | 8            | 14           | 110           | 201           | 75            | 26           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 439         | 31.0        | 26.8        |
| 11:00 AM       | 10           | 19           | 130           | 159           | 69            | 22           | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 413         | 31.0        | 26.2        |
| 12:00 PM       | 11           | 44           | 150           | 139           | 53            | 30           | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 431         | 31.0        | 25.3        |
| 1:00 PM        | 6            | 14           | 132           | 197           | 93            | 28           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 478         | 32.0        | 26.9        |
| 2:00 PM        | 8            | 25           | 180           | 237           | 105           | 48           | 11           | 2            | 0            | 0            | 0            | 0            | 0            | 616         | 33.0        | 27.0        |
| 3:00 PM        | 24           | 53           | 204           | 170           | 97            | 36           | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 594         | 32.0        | 25.5        |
| 4:00 PM        | 3            | 35           | 208           | 246           | 125           | 61           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 683         | 33.0        | 26.8        |
| 5:00 PM        | 17           | 85           | 284           | 153           | 97            | 42           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 685         | 31.0        | 24.8        |
| 6:00 PM        | 14           | 44           | 201           | 235           | 99            | 52           | 9            | 0            | 0            | 0            | 0            | 0            | 0            | 654         | 33.0        | 26.1        |
| 7:00 PM        | 1            | 24           | 117           | 84            | 53            | 29           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 314         | 33.0        | 26.3        |
| 8:00 PM        | 8            | 25           | 96            | 128           | 57            | 32           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 352         | 33.0        | 26.6        |
| 9:00 PM        | 5            | 15           | 74            | 117           | 54            | 13           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 281         | 32.0        | 26.5        |
| 10:00 PM       | 5            | 15           | 49            | 64            | 40            | 11           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 187         | 32.0        | 26.1        |
| 11:00 PM       | 5            | 7            | 27            | 55            | 24            | 14           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 134         | 32.1        | 27.1        |
| <b>Total</b>   | <b>199</b>   | <b>563</b>   | <b>2576</b>   | <b>2969</b>   | <b>1420</b>   | <b>587</b>   | <b>118</b>   | <b>10</b>    | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>8444</b> | <b>32.0</b> | <b>26.2</b> |
| <b>Percent</b> | <b>2.36%</b> | <b>6.67%</b> | <b>30.51%</b> | <b>35.16%</b> | <b>16.82%</b> | <b>6.95%</b> | <b>1.40%</b> | <b>0.12%</b> | <b>0.02%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |         |         |          |   |   |   |   |   |   |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---|---|---|---|---|---|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 8:00 AM | 7:00 AM | 8:00 AM | 8:00 AM | 8:00 AM | 7:00 AM | 12:00 AM |   |   |   |   |   |   | 8:00 AM |
| <b>Volume</b>  | 30      | 46      | 225     | 212     | 90      | 36      | 10      | 4       | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 616     |
| <b>PM Peak</b> | 3:00 PM | 5:00 PM | 5:00 PM | 4:00 PM | 4:00 PM | 4:00 PM | 2:00 PM | 2:00 PM |          |   |   |   |   |   |   | 5:00 PM |
| <b>Volume</b>  | 24      | 85      | 284     | 246     | 125     | 61      | 11      | 2       | 0        | 0 | 0 | 0 | 0 | 0 | 0 | 685     |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 21.0 MPH | Average Speed:   | 26.2 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 26.0 MPH | 10 MPH Pace:     | 20 to 29 MPH | Number of Vehicles > 25 MPH:  | 4409   |
| 85th Percentile: | 32.0 MPH | Number in Pace:  | 5545         | Percent of Vehicles > 25 MPH: | 52.2%  |
| 95th Percentile: | 36.0 MPH | Percent in Pace: | 65.7%        |                               |        |

**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

**Speed (60-minute)**

| EB             |              |              |               |               |               |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 0            | 0            | 2             | 11            | 8             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 23          | 32.0        | 29.0        |
| 1:00 AM        | 0            | 1            | 1             | 1             | 0             | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 5           | 38.4        | 28.2        |
| 2:00 AM        | 0            | 0            | 1             | 5             | 1             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 7           | 29.5        | 28.3        |
| 3:00 AM        | 0            | 0            | 0             | 2             | 2             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 6           | 35.5        | 32.0        |
| 4:00 AM        | 0            | 1            | 2             | 2             | 7             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 14          | 34.1        | 29.2        |
| 5:00 AM        | 0            | 3            | 3             | 14            | 16            | 12           | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 51          | 37.5        | 31.1        |
| 6:00 AM        | 3            | 4            | 24            | 85            | 75            | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 201         | 32.0        | 28.4        |
| 7:00 AM        | 3            | 17           | 77            | 133           | 29            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 264         | 29.0        | 25.5        |
| 8:00 AM        | 7            | 24           | 103           | 93            | 21            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 251         | 28.0        | 24.0        |
| 9:00 AM        | 3            | 19           | 81            | 98            | 18            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 221         | 29.0        | 24.6        |
| 10:00 AM       | 2            | 12           | 61            | 124           | 32            | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 238         | 30.0        | 26.0        |
| 11:00 AM       | 1            | 9            | 42            | 88            | 28            | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 175         | 30.0        | 26.2        |
| 12:00 PM       | 5            | 12           | 66            | 92            | 25            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 203         | 29.0        | 25.3        |
| 1:00 PM        | 3            | 12           | 54            | 93            | 16            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 182         | 29.0        | 25.4        |
| 2:00 PM        | 3            | 12           | 59            | 87            | 23            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 188         | 29.0        | 25.4        |
| 3:00 PM        | 4            | 16           | 105           | 67            | 23            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 217         | 28.0        | 24.3        |
| 4:00 PM        | 0            | 6            | 78            | 93            | 22            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 204         | 29.0        | 25.6        |
| 5:00 PM        | 6            | 15           | 106           | 92            | 22            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 243         | 28.0        | 24.4        |
| 6:00 PM        | 9            | 20           | 102           | 111           | 24            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 272         | 29.0        | 24.6        |
| 7:00 PM        | 3            | 6            | 49            | 79            | 15            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 153         | 29.0        | 25.1        |
| 8:00 PM        | 4            | 16           | 45            | 47            | 11            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 124         | 28.0        | 24.1        |
| 9:00 PM        | 2            | 3            | 27            | 70            | 15            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 117         | 29.0        | 25.9        |
| 10:00 PM       | 0            | 3            | 22            | 29            | 11            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 66          | 30.0        | 26.0        |
| 11:00 PM       | 1            | 5            | 6             | 27            | 16            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 59          | 32.0        | 27.6        |
| <b>Total</b>   | <b>59</b>    | <b>216</b>   | <b>1116</b>   | <b>1543</b>   | <b>460</b>    | <b>83</b>    | <b>6</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>3484</b> | <b>30.0</b> | <b>25.5</b> |
| <b>Percent</b> | <b>1.69%</b> | <b>6.20%</b> | <b>32.03%</b> | <b>44.29%</b> | <b>13.20%</b> | <b>2.38%</b> | <b>0.17%</b> | <b>0.03%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |         |         |   |   |   |   |   |   |   |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---|---|---|---|---|---|---|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 8:00 AM | 7:00 AM | 6:00 AM | 5:00 AM | 5:00 AM | 5:00 AM |   |   |   |   |   |   |   | 7:00 AM |
| <b>Volume</b>  | 7       | 24      | 103     | 133     | 75      | 12      | 2       | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 264     |

|                |         |         |         |         |          |         |          |   |   |   |   |   |   |   |   |         |
|----------------|---------|---------|---------|---------|----------|---------|----------|---|---|---|---|---|---|---|---|---------|
| <b>PM Peak</b> | 6:00 PM | 6:00 PM | 5:00 PM | 6:00 PM | 12:00 PM | 6:00 PM | 11:00 PM |   |   |   |   |   |   |   |   | 6:00 PM |
| <b>Volume</b>  | 9       | 20      | 106     | 111     | 25       | 6       | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 272     |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 21.0 MPH | Average Speed:   | 25.5 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 25.0 MPH | 10 MPH Pace:     | 21 to 30 MPH | Number of Vehicles > 25 MPH:  | 1728   |
| 85th Percentile: | 30.0 MPH | Number in Pace:  | 2706         | Percent of Vehicles > 25 MPH: | 49.6%  |
| 95th Percentile: | 32.0 MPH | Percent in Pace: | 77.7%        |                               |        |

**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

**Speed (60-minute)**

| WB             |              |              |               |               |               |               |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39      | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 1            | 0            | 4             | 14            | 12            | 3             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 34          | 34.0        | 28.8        |
| 1:00 AM        | 0            | 0            | 3             | 3             | 7             | 2             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 15          | 34.0        | 29.3        |
| 2:00 AM        | 0            | 0            | 0             | 6             | 1             | 2             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 9           | 34.4        | 30.2        |
| 3:00 AM        | 0            | 0            | 1             | 3             | 0             | 1             | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 6           | 37.8        | 30.7        |
| 4:00 AM        | 3            | 0            | 2             | 1             | 8             | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 14          | 31.1        | 25.9        |
| 5:00 AM        | 0            | 1            | 6             | 11            | 22            | 4             | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 47          | 34.1        | 30.4        |
| 6:00 AM        | 0            | 3            | 21            | 44            | 30            | 15            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 115         | 34.0        | 28.8        |
| 7:00 AM        | 10           | 21           | 77            | 87            | 44            | 32            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 274         | 33.0        | 26.5        |
| 8:00 AM        | 5            | 34           | 95            | 74            | 41            | 28            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 282         | 33.0        | 25.9        |
| 9:00 AM        | 6            | 9            | 62            | 71            | 36            | 25            | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 215         | 34.0        | 27.1        |
| 10:00 AM       | 4            | 17           | 52            | 77            | 38            | 19            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 214         | 33.0        | 27.0        |
| 11:00 AM       | 1            | 12           | 53            | 85            | 45            | 22            | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 223         | 33.0        | 27.7        |
| 12:00 PM       | 3            | 9            | 57            | 86            | 40            | 26            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 224         | 34.0        | 27.5        |
| 1:00 PM        | 1            | 15           | 80            | 102           | 53            | 28            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 286         | 34.0        | 27.3        |
| 2:00 PM        | 2            | 11           | 95            | 129           | 82            | 34            | 10           | 1            | 0            | 0            | 0            | 0            | 0            | 364         | 34.0        | 28.0        |
| 3:00 PM        | 5            | 20           | 110           | 129           | 85            | 41            | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 396         | 33.8        | 27.5        |
| 4:00 PM        | 3            | 20           | 113           | 168           | 100           | 39            | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 451         | 33.0        | 27.4        |
| 5:00 PM        | 7            | 61           | 159           | 136           | 113           | 42            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 521         | 33.0        | 26.2        |
| 6:00 PM        | 8            | 31           | 126           | 116           | 83            | 53            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 424         | 34.0        | 27.0        |
| 7:00 PM        | 4            | 12           | 99            | 109           | 60            | 33            | 6            | 2            | 0            | 0            | 0            | 0            | 0            | 325         | 34.0        | 27.4        |
| 8:00 PM        | 2            | 7            | 60            | 80            | 39            | 25            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 220         | 34.0        | 27.7        |
| 9:00 PM        | 3            | 9            | 31            | 70            | 38            | 17            | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 178         | 34.5        | 28.3        |
| 10:00 PM       | 4            | 2            | 24            | 45            | 29            | 13            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 121         | 34.0        | 28.2        |
| 11:00 PM       | 0            | 5            | 10            | 44            | 18            | 10            | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 94          | 35.1        | 28.9        |
| <b>Total</b>   | <b>72</b>    | <b>299</b>   | <b>1340</b>   | <b>1690</b>   | <b>1024</b>   | <b>514</b>    | <b>101</b>   | <b>12</b>    | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>5052</b> | <b>34.0</b> | <b>27.3</b> |
| <b>Percent</b> | <b>1.43%</b> | <b>5.92%</b> | <b>26.52%</b> | <b>33.45%</b> | <b>20.27%</b> | <b>10.17%</b> | <b>2.00%</b> | <b>0.24%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |          |         |          |         |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|----------|---------|----------|---------|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 7:00 AM | 8:00 AM | 8:00 AM | 7:00 AM | 11:00 AM | 7:00 AM | 10:00 AM | 3:00 AM |   |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 10      | 34      | 95      | 87      | 45       | 32      | 7        | 1       | 0 | 0 | 0 | 0 | 0 | 0   | 282     |
| <b>PM Peak</b> | 6:00 PM | 5:00 PM | 5:00 PM | 4:00 PM | 5:00 PM  | 6:00 PM | 2:00 PM  | 7:00 PM |   |   |   |   |   |     | 5:00 PM |
| <b>Volume</b>  | 8       | 61      | 159     | 168     | 113      | 53      | 10       | 2       | 0 | 0 | 0 | 0 | 0 | 521 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 22.0 MPH | Average Speed:   | 27.3 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 27.0 MPH | 10 MPH Pace:     | 23 to 32 MPH | Number of Vehicles > 25 MPH:  | 2998   |
| 85th Percentile: | 34.0 MPH | Number in Pace:  | 3155         | Percent of Vehicles > 25 MPH: | 59.3%  |
| 95th Percentile: | 38.0 MPH | Percent in Pace: | 62.5%        |                               |        |

**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

**Speed (60-minute)**

**Combined EB and WB**

| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 1            | 0            | 6             | 25            | 20            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 57          | 33.0        | 28.9        |
| 1:00 AM        | 0            | 1            | 4             | 4             | 7             | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 20          | 35.0        | 29.0        |
| 2:00 AM        | 0            | 0            | 1             | 11            | 2             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 16          | 33.5        | 29.4        |
| 3:00 AM        | 0            | 0            | 1             | 5             | 2             | 3            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 12          | 35.7        | 31.3        |
| 4:00 AM        | 3            | 1            | 4             | 3             | 15            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 28          | 33.0        | 27.6        |
| 5:00 AM        | 0            | 4            | 9             | 25            | 38            | 16           | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 98          | 37.0        | 30.8        |
| 6:00 AM        | 3            | 7            | 45            | 129           | 105           | 25           | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 316         | 33.0        | 28.5        |
| 7:00 AM        | 13           | 38           | 154           | 220           | 73            | 37           | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 538         | 31.0        | 26.0        |
| 8:00 AM        | 12           | 58           | 198           | 167           | 62            | 31           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 533         | 30.2        | 25.0        |
| 9:00 AM        | 9            | 28           | 143           | 169           | 54            | 27           | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 436         | 31.8        | 25.8        |
| 10:00 AM       | 6            | 29           | 113           | 201           | 70            | 25           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 452         | 31.0        | 26.5        |
| 11:00 AM       | 2            | 21           | 95            | 173           | 73            | 28           | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 398         | 32.0        | 27.0        |
| 12:00 PM       | 8            | 21           | 123           | 178           | 65            | 29           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 427         | 31.0        | 26.5        |
| 1:00 PM        | 4            | 27           | 134           | 195           | 69            | 32           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 468         | 32.0        | 26.6        |
| 2:00 PM        | 5            | 23           | 154           | 216           | 105           | 38           | 10           | 1            | 0            | 0            | 0            | 0            | 0            | 552         | 32.0        | 27.1        |
| 3:00 PM        | 9            | 36           | 215           | 196           | 108           | 43           | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 613         | 32.0        | 26.3        |
| 4:00 PM        | 3            | 26           | 191           | 261           | 122           | 44           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 655         | 32.0        | 26.9        |
| 5:00 PM        | 13           | 76           | 265           | 228           | 135           | 44           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 764         | 32.0        | 25.7        |
| 6:00 PM        | 17           | 51           | 228           | 227           | 107           | 59           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 696         | 32.0        | 26.0        |
| 7:00 PM        | 7            | 18           | 148           | 188           | 75            | 34           | 6            | 2            | 0            | 0            | 0            | 0            | 0            | 478         | 33.0        | 26.7        |
| 8:00 PM        | 6            | 23           | 105           | 127           | 50            | 26           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 344         | 32.0        | 26.4        |
| 9:00 PM        | 5            | 12           | 58            | 140           | 53            | 17           | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 295         | 32.0        | 27.4        |
| 10:00 PM       | 4            | 5            | 46            | 74            | 40            | 14           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 187         | 32.0        | 27.4        |
| 11:00 PM       | 1            | 10           | 16            | 71            | 34            | 13           | 7            | 1            | 0            | 0            | 0            | 0            | 0            | 153         | 33.2        | 28.4        |
| <b>Total</b>   | <b>131</b>   | <b>515</b>   | <b>2456</b>   | <b>3233</b>   | <b>1484</b>   | <b>597</b>   | <b>107</b>   | <b>13</b>    | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>8536</b> | <b>32.0</b> | <b>26.6</b> |
| <b>Percent</b> | <b>1.53%</b> | <b>6.03%</b> | <b>28.77%</b> | <b>37.87%</b> | <b>17.39%</b> | <b>6.99%</b> | <b>1.25%</b> | <b>0.15%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |          |         |   |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|---------|---------|----------|---------|---|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 7:00 AM | 8:00 AM | 8:00 AM | 7:00 AM | 6:00 AM | 7:00 AM | 10:00 AM | 5:00 AM |   |   |   |   |   |   |     | 7:00 AM |
| <b>Volume</b>  | 13      | 58      | 198     | 220     | 105     | 37      | 8        | 2       | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 538     |
| <b>PM Peak</b> | 6:00 PM | 5:00 PM | 5:00 PM | 4:00 PM | 5:00 PM | 6:00 PM | 2:00 PM  | 7:00 PM |   |   |   |   |   |   |     | 5:00 PM |
| <b>Volume</b>  | 17      | 76      | 265     | 261     | 135     | 59      | 10       | 2       | 0 | 0 | 0 | 0 | 0 | 0 | 764 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 22.0 MPH | Average Speed:   | 26.6 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 26.0 MPH | 10 MPH Pace:     | 22 to 31 MPH | Number of Vehicles > 25 MPH:  | 4726   |
| 85th Percentile: | 32.0 MPH | Number in Pace:  | 5835         | Percent of Vehicles > 25 MPH: | 55.4%  |
| 95th Percentile: | 36.0 MPH | Percent in Pace: | 68.4%        |                               |        |



**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Thursday, September 12, 2024**

**Speed (60-minute)**

| EB             |              |              |               |               |               |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 0            | 1            | 4             | 7             | 7             | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 21          | 33.0        | 28.0        |
| 1:00 AM        | 0            | 0            | 0             | 2             | 2             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 4           | 33.6        | 30.8        |
| 2:00 AM        | 1            | 0            | 0             | 3             | 5             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 9           | 31.0        | 27.9        |
| 3:00 AM        | 0            | 1            | 1             | 0             | 1             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 3           | 30.3        | 25.3        |
| 4:00 AM        | 0            | 0            | 0             | 0             | 0             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 2           | 35.9        | 35.5        |
| 5:00 AM        | 2            | 0            | 4             | 28            | 20            | 5            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 62          | 34.0        | 29.3        |
| 6:00 AM        | 2            | 2            | 11            | 111           | 67            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 197         | 32.0        | 28.2        |
| 7:00 AM        | 2            | 19           | 80            | 126           | 30            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 261         | 29.0        | 25.3        |
| 8:00 AM        | 1            | 22           | 87            | 78            | 13            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 203         | 28.0        | 24.2        |
| 9:00 AM        | 1            | 13           | 109           | 120           | 31            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 276         | 29.0        | 25.3        |
| 10:00 AM       | 3            | 19           | 66            | 113           | 29            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 231         | 29.0        | 25.2        |
| 11:00 AM       | 10           | 16           | 53            | 83            | 21            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 185         | 29.0        | 24.6        |
| 12:00 PM       | 5            | 5            | 67            | 83            | 23            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 187         | 29.0        | 25.4        |
| 1:00 PM        | 7            | 16           | 62            | 64            | 18            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 169         | 29.0        | 24.4        |
| 2:00 PM        | 6            | 11           | 81            | 90            | 16            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 205         | 28.0        | 24.5        |
| 3:00 PM        | 2            | 12           | 86            | 62            | 16            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 179         | 28.0        | 24.3        |
| 4:00 PM        | 6            | 18           | 79            | 103           | 15            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 222         | 28.0        | 24.5        |
| 5:00 PM        | 2            | 14           | 87            | 66            | 16            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 187         | 28.0        | 24.4        |
| 6:00 PM        | 9            | 26           | 90            | 73            | 11            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 211         | 27.0        | 23.5        |
| 7:00 PM        | 6            | 20           | 72            | 57            | 12            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 168         | 28.0        | 23.6        |
| 8:00 PM        | 3            | 10           | 69            | 65            | 13            | 3            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 164         | 28.0        | 24.8        |
| 9:00 PM        | 1            | 0            | 44            | 38            | 13            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 97          | 29.0        | 25.2        |
| 10:00 PM       | 2            | 4            | 21            | 33            | 24            | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 90          | 32.0        | 26.8        |
| 11:00 PM       | 0            | 3            | 11            | 29            | 13            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 59          | 32.3        | 27.4        |
| <b>Total</b>   | <b>71</b>    | <b>232</b>   | <b>1184</b>   | <b>1434</b>   | <b>416</b>    | <b>43</b>    | <b>11</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>3392</b> | <b>29.0</b> | <b>25.1</b> |
| <b>Percent</b> | <b>2.09%</b> | <b>6.84%</b> | <b>34.91%</b> | <b>42.28%</b> | <b>12.26%</b> | <b>1.27%</b> | <b>0.32%</b> | <b>0.03%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |          |         |         |         |         |         |         |   |   |   |   |   |   |   |   |         |
|----------------|----------|---------|---------|---------|---------|---------|---------|---|---|---|---|---|---|---|---|---------|
| <b>AM Peak</b> | 11:00 AM | 8:00 AM | 9:00 AM | 7:00 AM | 6:00 AM | 5:00 AM | 5:00 AM |   |   |   |   |   |   |   |   | 9:00 AM |
| <b>Volume</b>  | 10       | 22      | 109     | 126     | 67      | 5       | 3       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 276     |

|                |         |         |         |         |          |          |          |         |   |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|----------|----------|----------|---------|---|---|---|---|---|---|-----|---------|
| <b>PM Peak</b> | 6:00 PM | 6:00 PM | 6:00 PM | 4:00 PM | 10:00 PM | 12:00 PM | 10:00 PM | 8:00 PM |   |   |   |   |   |   |     | 4:00 PM |
| <b>Volume</b>  | 9       | 26      | 90      | 103     | 24       | 4        | 2        | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 222 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 21.0 MPH | Average Speed:   | 25.1 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 25.0 MPH | 10 MPH Pace:     | 20 to 29 MPH | Number of Vehicles > 25 MPH:  | 1578   |
| 85th Percentile: | 29.0 MPH | Number in Pace:  | 2618         | Percent of Vehicles > 25 MPH: | 46.5%  |
| 95th Percentile: | 32.0 MPH | Percent in Pace: | 77.2%        |                               |        |

**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Thursday, September 12, 2024**

**Speed (60-minute)**

| WB             |              |              |               |               |               |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 0            | 2            | 6             | 7             | 12            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 31          | 34.0        | 28.7        |
| 1:00 AM        | 0            | 2            | 3             | 9             | 1             | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 21          | 35.0        | 28.5        |
| 2:00 AM        | 0            | 0            | 1             | 2             | 4             | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 9           | 37.6        | 31.1        |
| 3:00 AM        | 0            | 0            | 2             | 1             | 1             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 7           | 37.2        | 30.6        |
| 4:00 AM        | 0            | 1            | 1             | 6             | 7             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 16          | 33.5        | 28.9        |
| 5:00 AM        | 0            | 0            | 4             | 17            | 18            | 7            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 48          | 36.0        | 30.4        |
| 6:00 AM        | 0            | 5            | 12            | 63            | 47            | 14           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 143         | 33.0        | 29.1        |
| 7:00 AM        | 1            | 10           | 67            | 95            | 44            | 29           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 253         | 34.0        | 27.7        |
| 8:00 AM        | 9            | 20           | 97            | 96            | 63            | 26           | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 321         | 33.0        | 26.8        |
| 9:00 AM        | 3            | 7            | 53            | 94            | 47            | 23           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 235         | 34.0        | 27.9        |
| 10:00 AM       | 2            | 7            | 62            | 75            | 36            | 19           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 207         | 33.0        | 27.4        |
| 11:00 AM       | 0            | 9            | 63            | 92            | 52            | 26           | 5            | 1            | 1            | 0            | 0            | 0            | 0            | 249         | 34.0        | 28.1        |
| 12:00 PM       | 4            | 12           | 54            | 119           | 48            | 23           | 9            | 0            | 0            | 0            | 0            | 0            | 0            | 269         | 33.0        | 27.5        |
| 1:00 PM        | 0            | 16           | 88            | 90            | 53            | 25           | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 282         | 33.0        | 27.3        |
| 2:00 PM        | 2            | 12           | 95            | 152           | 78            | 38           | 12           | 1            | 0            | 0            | 0            | 0            | 0            | 390         | 34.0        | 27.9        |
| 3:00 PM        | 6            | 23           | 143           | 133           | 84            | 35           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 431         | 32.0        | 26.7        |
| 4:00 PM        | 6            | 27           | 151           | 133           | 94            | 43           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 462         | 33.0        | 26.9        |
| 5:00 PM        | 12           | 54           | 180           | 104           | 75            | 44           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 477         | 33.0        | 25.6        |
| 6:00 PM        | 10           | 27           | 144           | 101           | 75            | 35           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 400         | 33.0        | 26.4        |
| 7:00 PM        | 1            | 26           | 110           | 91            | 64            | 29           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 324         | 33.0        | 26.6        |
| 8:00 PM        | 4            | 16           | 67            | 76            | 40            | 20           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 225         | 33.0        | 26.5        |
| 9:00 PM        | 5            | 4            | 47            | 75            | 39            | 28           | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 208         | 36.0        | 28.3        |
| 10:00 PM       | 4            | 7            | 25            | 49            | 31            | 6            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 127         | 33.0        | 27.3        |
| 11:00 PM       | 0            | 3            | 20            | 43            | 21            | 8            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 98          | 33.0        | 27.9        |
| <b>Total</b>   | <b>69</b>    | <b>290</b>   | <b>1495</b>   | <b>1723</b>   | <b>1034</b>   | <b>492</b>   | <b>126</b>   | <b>3</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>5233</b> | <b>33.0</b> | <b>27.2</b> |
| <b>Percent</b> | <b>1.32%</b> | <b>5.54%</b> | <b>28.57%</b> | <b>32.93%</b> | <b>19.76%</b> | <b>9.40%</b> | <b>2.41%</b> | <b>0.06%</b> | <b>0.02%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |         |          |          |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 8:00 AM | 8:00 AM | 8:00 AM | 7:00 AM | 8:00 AM | 11:00 AM | 11:00 AM |   |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 9       | 20      | 97      | 96      | 63      | 29      | 10      | 1        | 1        | 0 | 0 | 0 | 0 | 0 | 0   | 321     |
| <b>PM Peak</b> | 5:00 PM | 5:00 PM | 5:00 PM | 2:00 PM | 4:00 PM | 5:00 PM | 2:00 PM | 2:00 PM  |          |   |   |   |   |   |     | 5:00 PM |
| <b>Volume</b>  | 12      | 54      | 180     | 152     | 94      | 44      | 12      | 1        | 0        | 0 | 0 | 0 | 0 | 0 | 477 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 22.0 MPH | Average Speed:   | 27.2 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 27.0 MPH | 10 MPH Pace:     | 22 to 31 MPH | Number of Vehicles > 25 MPH:  | 3016   |
| 85th Percentile: | 33.0 MPH | Number in Pace:  | 3282         | Percent of Vehicles > 25 MPH: | 57.6%  |
| 95th Percentile: | 37.0 MPH | Percent in Pace: | 62.7%        |                               |        |

**Broadway**  
**between Dana Street and Highland Avenue**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR B (speed)**

**Count Date**  
**Thursday, September 12, 2024**

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

| Start Time:    | 1 to 14      | 15 to 19     | 20 to 24      | 25 to 29      | 30 to 34      | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 0            | 3            | 10            | 14            | 19            | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 52          | 34.0        | 28.4        |
| 1:00 AM        | 0            | 2            | 3             | 11            | 3             | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 25          | 35.0        | 28.9        |
| 2:00 AM        | 1            | 0            | 1             | 5             | 9             | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 18          | 32.0        | 29.5        |
| 3:00 AM        | 0            | 1            | 3             | 1             | 2             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 10          | 36.7        | 29.0        |
| 4:00 AM        | 0            | 1            | 1             | 6             | 7             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 18          | 34.5        | 29.7        |
| 5:00 AM        | 2            | 0            | 8             | 45            | 38            | 12           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 110         | 34.7        | 29.8        |
| 6:00 AM        | 2            | 7            | 23            | 174           | 114           | 17           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 340         | 32.0        | 28.6        |
| 7:00 AM        | 3            | 29           | 147           | 221           | 74            | 32           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 514         | 31.0        | 26.5        |
| 8:00 AM        | 10           | 42           | 184           | 174           | 76            | 27           | 11           | 0            | 0            | 0            | 0            | 0            | 0            | 524         | 31.0        | 25.8        |
| 9:00 AM        | 4            | 20           | 162           | 214           | 78            | 25           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 511         | 31.0        | 26.5        |
| 10:00 AM       | 5            | 26           | 128           | 188           | 65            | 20           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 438         | 31.0        | 26.2        |
| 11:00 AM       | 10           | 25           | 116           | 175           | 73            | 28           | 5            | 1            | 1            | 0            | 0            | 0            | 0            | 434         | 32.0        | 26.6        |
| 12:00 PM       | 9            | 17           | 121           | 202           | 71            | 27           | 9            | 0            | 0            | 0            | 0            | 0            | 0            | 456         | 32.0        | 26.7        |
| 1:00 PM        | 7            | 32           | 150           | 154           | 71            | 26           | 11           | 0            | 0            | 0            | 0            | 0            | 0            | 451         | 32.0        | 26.2        |
| 2:00 PM        | 8            | 23           | 176           | 242           | 94            | 38           | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 595         | 32.0        | 26.7        |
| 3:00 PM        | 8            | 35           | 229           | 195           | 100           | 36           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 610         | 32.0        | 26.0        |
| 4:00 PM        | 12           | 45           | 230           | 236           | 109           | 44           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 684         | 32.0        | 26.1        |
| 5:00 PM        | 14           | 68           | 267           | 170           | 91            | 46           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 664         | 32.0        | 25.3        |
| 6:00 PM        | 19           | 53           | 234           | 174           | 86            | 37           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 611         | 32.0        | 25.4        |
| 7:00 PM        | 7            | 46           | 182           | 148           | 76            | 30           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 492         | 32.0        | 25.5        |
| 8:00 PM        | 7            | 26           | 136           | 141           | 53            | 23           | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 389         | 31.0        | 25.8        |
| 9:00 PM        | 6            | 4            | 91            | 113           | 52            | 29           | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 305         | 33.0        | 27.3        |
| 10:00 PM       | 6            | 11           | 46            | 82            | 55            | 10           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 217         | 32.0        | 27.1        |
| 11:00 PM       | 0            | 6            | 31            | 72            | 34            | 11           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 157         | 33.0        | 27.7        |
| <b>Total</b>   | <b>140</b>   | <b>522</b>   | <b>2679</b>   | <b>3157</b>   | <b>1450</b>   | <b>535</b>   | <b>137</b>   | <b>4</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>8625</b> | <b>32.0</b> | <b>26.4</b> |
| <b>Percent</b> | <b>1.62%</b> | <b>6.05%</b> | <b>31.06%</b> | <b>36.60%</b> | <b>16.81%</b> | <b>6.20%</b> | <b>1.59%</b> | <b>0.05%</b> | <b>0.01%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |         |          |          |   |   |   |   |   |   |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|---|---|---|---|---|---|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 8:00 AM | 7:00 AM | 6:00 AM | 7:00 AM | 8:00 AM | 11:00 AM | 11:00 AM |   |   |   |   |   |   | 8:00 AM |
| <b>Volume</b>  | 10      | 42      | 184     | 221     | 114     | 32      | 11      | 1        | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 524     |
| <b>PM Peak</b> | 6:00 PM | 5:00 PM | 5:00 PM | 2:00 PM | 4:00 PM | 5:00 PM | 2:00 PM | 2:00 PM  |          |   |   |   |   |   |   | 4:00 PM |
| <b>Volume</b>  | 19      | 68      | 267     | 242     | 109     | 46      | 13      | 1        | 0        | 0 | 0 | 0 | 0 | 0 | 0 | 684     |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 21.0 MPH | Average Speed:   | 26.4 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 26.0 MPH | 10 MPH Pace:     | 22 to 31 MPH | Number of Vehicles > 25 MPH:  | 4594   |
| 85th Percentile: | 32.0 MPH | Number in Pace:  | 5878         | Percent of Vehicles > 25 MPH: | 53.3%  |
| 95th Percentile: | 36.0 MPH | Percent in Pace: | 68.2%        |                               |        |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**

157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR C**

**Count Date: Tuesday, September 10, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 1          | 10                 | 0     | 1                 | 0                | 12    |
| 12:15 AM | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 12:30 AM | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 12:45 AM | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 1:00 AM  | 0        | 1          | 1                  | 0     | 1                 | 0                | 3     |
| 1:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 1:30 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 1:45 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:00 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 2:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:30 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 2:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:00 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 3:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:30 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:45 AM  | 0        | 0          | 4                  | 0     | 0                 | 1                | 5     |
| 4:00 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 4:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:30 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 4:45 AM  | 0        | 0          | 8                  | 0     | 0                 | 0                | 8     |
| 5:00 AM  | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 5:15 AM  | 0        | 1          | 14                 | 0     | 0                 | 0                | 15    |
| 5:30 AM  | 0        | 0          | 17                 | 0     | 0                 | 0                | 17    |
| 5:45 AM  | 0        | 1          | 35                 | 1     | 4                 | 0                | 41    |
| 6:00 AM  | 0        | 0          | 40                 | 0     | 1                 | 0                | 41    |
| 6:15 AM  | 0        | 0          | 47                 | 1     | 1                 | 0                | 49    |
| 6:30 AM  | 2        | 0          | 63                 | 0     | 3                 | 0                | 68    |
| 6:45 AM  | 3        | 1          | 88                 | 1     | 1                 | 1                | 95    |
| 7:00 AM  | 3        | 0          | 88                 | 4     | 2                 | 0                | 97    |
| 7:15 AM  | 3        | 0          | 97                 | 1     | 4                 | 0                | 105   |
| 7:30 AM  | 0        | 1          | 109                | 9     | 2                 | 0                | 121   |
| 7:45 AM  | 0        | 0          | 102                | 1     | 5                 | 1                | 109   |
| 8:00 AM  | 12       | 0          | 101                | 3     | 1                 | 0                | 117   |
| 8:15 AM  | 11       | 0          | 91                 | 0     | 3                 | 0                | 105   |
| 8:30 AM  | 6        | 0          | 101                | 0     | 1                 | 0                | 108   |
| 8:45 AM  | 20       | 1          | 117                | 1     | 3                 | 0                | 142   |
| 9:00 AM  | 7        | 0          | 100                | 0     | 1                 | 1                | 109   |
| 9:15 AM  | 4        | 0          | 92                 | 1     | 6                 | 0                | 103   |
| 9:30 AM  | 5        | 1          | 108                | 2     | 2                 | 0                | 118   |
| 9:45 AM  | 7        | 3          | 111                | 1     | 5                 | 0                | 127   |
| 10:00 AM | 6        | 1          | 83                 | 2     | 6                 | 0                | 98    |
| 10:15 AM | 6        | 0          | 71                 | 0     | 1                 | 0                | 78    |
| 10:30 AM | 6        | 0          | 88                 | 0     | 1                 | 0                | 95    |
| 10:45 AM | 4        | 0          | 96                 | 2     | 2                 | 0                | 104   |
| 11:00 AM | 5        | 0          | 79                 | 0     | 4                 | 0                | 88    |
| 11:15 AM | 3        | 0          | 60                 | 1     | 9                 | 0                | 73    |
| 11:30 AM | 2        | 0          | 53                 | 2     | 5                 | 1                | 63    |
| 11:45 AM | 5        | 0          | 74                 | 0     | 6                 | 1                | 86    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 1        | 0          | 76                 | 1     | 1                 | 1                | 80    |
| 12:15 PM | 1        | 0          | 61                 | 0     | 4                 | 0                | 66    |
| 12:30 PM | 4        | 1          | 55                 | 0     | 1                 | 0                | 61    |
| 12:45 PM | 7        | 2          | 65                 | 2     | 2                 | 0                | 78    |
| 1:00 PM  | 0        | 0          | 59                 | 0     | 3                 | 0                | 62    |
| 1:15 PM  | 0        | 0          | 55                 | 1     | 4                 | 0                | 60    |
| 1:30 PM  | 3        | 0          | 61                 | 2     | 1                 | 0                | 67    |
| 1:45 PM  | 1        | 0          | 61                 | 0     | 4                 | 1                | 67    |
| 2:00 PM  | 7        | 2          | 61                 | 2     | 1                 | 0                | 73    |
| 2:15 PM  | 4        | 0          | 70                 | 0     | 2                 | 0                | 76    |
| 2:30 PM  | 6        | 0          | 80                 | 0     | 3                 | 0                | 89    |
| 2:45 PM  | 3        | 0          | 75                 | 3     | 2                 | 0                | 83    |
| 3:00 PM  | 0        | 0          | 85                 | 0     | 1                 | 0                | 86    |
| 3:15 PM  | 1        | 1          | 93                 | 3     | 1                 | 0                | 99    |
| 3:30 PM  | 5        | 0          | 61                 | 3     | 0                 | 0                | 69    |
| 3:45 PM  | 4        | 0          | 77                 | 1     | 1                 | 0                | 83    |
| 4:00 PM  | 4        | 0          | 64                 | 0     | 1                 | 0                | 69    |
| 4:15 PM  | 1        | 0          | 63                 | 4     | 0                 | 0                | 68    |
| 4:30 PM  | 7        | 1          | 64                 | 1     | 0                 | 0                | 73    |
| 4:45 PM  | 1        | 1          | 78                 | 0     | 1                 | 0                | 81    |
| 5:00 PM  | 3        | 0          | 101                | 2     | 0                 | 1                | 107   |
| 5:15 PM  | 5        | 0          | 101                | 1     | 1                 | 0                | 108   |
| 5:30 PM  | 11       | 0          | 118                | 0     | 0                 | 0                | 129   |
| 5:45 PM  | 6        | 0          | 90                 | 2     | 0                 | 0                | 98    |
| 6:00 PM  | 9        | 1          | 106                | 0     | 0                 | 0                | 116   |
| 6:15 PM  | 8        | 0          | 116                | 1     | 0                 | 0                | 125   |
| 6:30 PM  | 7        | 1          | 82                 | 0     | 0                 | 0                | 90    |
| 6:45 PM  | 8        | 0          | 74                 | 0     | 0                 | 0                | 82    |
| 7:00 PM  | 9        | 0          | 80                 | 1     | 0                 | 0                | 90    |
| 7:15 PM  | 3        | 0          | 69                 | 0     | 0                 | 0                | 72    |
| 7:30 PM  | 3        | 1          | 59                 | 0     | 0                 | 0                | 63    |
| 7:45 PM  | 3        | 1          | 47                 | 0     | 0                 | 0                | 51    |
| 8:00 PM  | 6        | 0          | 59                 | 1     | 0                 | 0                | 66    |
| 8:15 PM  | 5        | 0          | 44                 | 0     | 0                 | 0                | 49    |
| 8:30 PM  | 5        | 0          | 46                 | 0     | 1                 | 0                | 52    |
| 8:45 PM  | 2        | 0          | 33                 | 0     | 0                 | 0                | 35    |
| 9:00 PM  | 9        | 0          | 36                 | 0     | 0                 | 0                | 45    |
| 9:15 PM  | 4        | 0          | 38                 | 0     | 0                 | 0                | 42    |
| 9:30 PM  | 0        | 1          | 28                 | 0     | 0                 | 0                | 29    |
| 9:45 PM  | 2        | 0          | 27                 | 0     | 0                 | 0                | 29    |
| 10:00 PM | 1        | 1          | 23                 | 0     | 0                 | 0                | 25    |
| 10:15 PM | 1        | 0          | 24                 | 0     | 0                 | 0                | 25    |
| 10:30 PM | 2        | 0          | 21                 | 0     | 0                 | 0                | 23    |
| 10:45 PM | 1        | 0          | 25                 | 0     | 0                 | 0                | 26    |
| 11:00 PM | 2        | 0          | 30                 | 0     | 0                 | 0                | 32    |
| 11:15 PM | 0        | 0          | 18                 | 0     | 0                 | 0                | 18    |
| 11:30 PM | 1        | 0          | 5                  | 0     | 0                 | 0                | 6     |
| 11:45 PM | 2        | 0          | 7                  | 0     | 0                 | 0                | 9     |

|                       |                |                |                |                |                 |                 |                |
|-----------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|
| <b>AM Total</b>       | <b>120</b>     | <b>12</b>      | <b>2186</b>    | <b>33</b>      | <b>82</b>       | <b>6</b>        | <b>2439</b>    |
| <b>Percentage</b>     | <b>4.92%</b>   | <b>0.49%</b>   | <b>89.63%</b>  | <b>1.35%</b>   | <b>3.36%</b>    | <b>0.25%</b>    |                |
| <b>AM Peak Volume</b> | <b>8:00 AM</b> | <b>9:15 AM</b> | <b>8:45 AM</b> | <b>6:45 AM</b> | <b>11:00 AM</b> | <b>11:00 AM</b> | <b>8:00 AM</b> |
|                       | <b>49</b>      | <b>5</b>       | <b>417</b>     | <b>15</b>      | <b>24</b>       | <b>2</b>        | <b>472</b>     |

|                       |                |                 |                |                |                |                 |                |
|-----------------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|
| <b>PM Total</b>       | <b>178</b>     | <b>14</b>       | <b>2871</b>    | <b>31</b>      | <b>35</b>      | <b>3</b>        | <b>3132</b>    |
| <b>Percentage</b>     | <b>5.68%</b>   | <b>0.45%</b>    | <b>91.67%</b>  | <b>0.99%</b>   | <b>1.12%</b>   | <b>0.10%</b>    |                |
| <b>PM Peak Volume</b> | <b>5:30 PM</b> | <b>12:00 PM</b> | <b>5:30 PM</b> | <b>2:45 PM</b> | <b>1:00 PM</b> | <b>12:00 PM</b> | <b>5:30 PM</b> |
|                       | <b>34</b>      | <b>3</b>        | <b>430</b>     | <b>9</b>       | <b>12</b>      | <b>1</b>        | <b>468</b>     |
| <b>Day Total</b>      | <b>298</b>     | <b>26</b>       | <b>5057</b>    | <b>64</b>      | <b>117</b>     | <b>9</b>        | <b>5571</b>    |
| <b>Percentage</b>     | <b>5.35%</b>   | <b>0.47%</b>    | <b>90.77%</b>  | <b>1.15%</b>   | <b>2.10%</b>   | <b>0.16%</b>    |                |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**

157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR C**

**Count Date: Wednesday, September 11, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 0          | 10                 | 0     | 0                 | 0                | 10    |
| 12:15 AM | 0        | 0          | 4                  | 0     | 0                 | 1                | 5     |
| 12:30 AM | 1        | 0          | 6                  | 0     | 0                 | 0                | 7     |
| 12:45 AM | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 1:00 AM  | 1        | 0          | 3                  | 0     | 0                 | 0                | 4     |
| 1:15 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 1:30 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 1:45 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:00 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 2:15 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 2:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:45 AM  | 0        | 0          | 0                  | 0     | 0                 | 1                | 1     |
| 3:00 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:15 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 3:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:45 AM  | 0        | 0          | 4                  | 0     | 1                 | 0                | 5     |
| 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          | 4                  | 0     | 0                 | 0                | 4     |
| 4:45 AM  | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 5:00 AM  | 1        | 0          | 4                  | 0     | 0                 | 0                | 5     |
| 5:15 AM  | 1        | 0          | 9                  | 0     | 1                 | 1                | 12    |
| 5:30 AM  | 0        | 1          | 28                 | 0     | 2                 | 0                | 31    |
| 5:45 AM  | 4        | 0          | 39                 | 1     | 0                 | 0                | 44    |
| 6:00 AM  | 0        | 2          | 34                 | 0     | 1                 | 0                | 37    |
| 6:15 AM  | 0        | 0          | 38                 | 0     | 0                 | 1                | 39    |
| 6:30 AM  | 1        | 0          | 69                 | 1     | 1                 | 0                | 72    |
| 6:45 AM  | 8        | 0          | 89                 | 2     | 2                 | 0                | 101   |
| 7:00 AM  | 3        | 0          | 85                 | 3     | 6                 | 1                | 98    |
| 7:15 AM  | 3        | 0          | 87                 | 2     | 0                 | 1                | 93    |
| 7:30 AM  | 3        | 0          | 88                 | 5     | 2                 | 0                | 98    |
| 7:45 AM  | 5        | 0          | 95                 | 3     | 5                 | 0                | 108   |
| 8:00 AM  | 11       | 1          | 100                | 3     | 4                 | 0                | 119   |
| 8:15 AM  | 6        | 1          | 85                 | 0     | 2                 | 0                | 94    |
| 8:30 AM  | 7        | 1          | 98                 | 0     | 3                 | 0                | 109   |
| 8:45 AM  | 9        | 2          | 95                 | 1     | 4                 | 0                | 111   |
| 9:00 AM  | 7        | 1          | 98                 | 0     | 4                 | 1                | 111   |
| 9:15 AM  | 7        | 2          | 110                | 1     | 2                 | 0                | 122   |
| 9:30 AM  | 8        | 1          | 100                | 2     | 4                 | 0                | 115   |
| 9:45 AM  | 5        | 1          | 88                 | 0     | 3                 | 0                | 97    |
| 10:00 AM | 4        | 0          | 109                | 1     | 2                 | 0                | 116   |
| 10:15 AM | 2        | 0          | 104                | 1     | 1                 | 0                | 108   |
| 10:30 AM | 6        | 0          | 93                 | 0     | 6                 | 0                | 105   |
| 10:45 AM | 8        | 0          | 66                 | 1     | 3                 | 0                | 78    |
| 11:00 AM | 5        | 0          | 59                 | 0     | 3                 | 0                | 67    |
| 11:15 AM | 2        | 1          | 51                 | 1     | 4                 | 0                | 59    |
| 11:30 AM | 2        | 0          | 63                 | 1     | 3                 | 0                | 69    |
| 11:45 AM | 0        | 2          | 72                 | 0     | 2                 | 0                | 76    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 4        | 2          | 60                 | 2     | 1                 | 0                | 69    |
| 12:15 PM | 1        | 0          | 83                 | 1     | 4                 | 0                | 89    |
| 12:30 PM | 2        | 0          | 73                 | 0     | 5                 | 0                | 80    |
| 12:45 PM | 3        | 0          | 59                 | 1     | 3                 | 0                | 66    |
| 1:00 PM  | 7        | 1          | 60                 | 0     | 4                 | 0                | 72    |
| 1:15 PM  | 5        | 0          | 63                 | 2     | 6                 | 1                | 77    |
| 1:30 PM  | 7        | 1          | 65                 | 2     | 0                 | 0                | 75    |
| 1:45 PM  | 5        | 0          | 61                 | 0     | 3                 | 0                | 69    |
| 2:00 PM  | 4        | 1          | 62                 | 0     | 0                 | 1                | 68    |
| 2:15 PM  | 8        | 0          | 58                 | 1     | 0                 | 1                | 68    |
| 2:30 PM  | 5        | 1          | 86                 | 0     | 0                 | 0                | 92    |
| 2:45 PM  | 3        | 0          | 78                 | 3     | 0                 | 0                | 84    |
| 3:00 PM  | 2        | 1          | 83                 | 0     | 5                 | 0                | 91    |
| 3:15 PM  | 4        | 0          | 91                 | 2     | 5                 | 0                | 102   |
| 3:30 PM  | 7        | 1          | 58                 | 2     | 1                 | 0                | 69    |
| 3:45 PM  | 4        | 0          | 85                 | 2     | 0                 | 0                | 91    |
| 4:00 PM  | 4        | 0          | 62                 | 0     | 3                 | 0                | 69    |
| 4:15 PM  | 3        | 0          | 64                 | 3     | 0                 | 1                | 71    |
| 4:30 PM  | 6        | 0          | 98                 | 1     | 1                 | 0                | 106   |
| 4:45 PM  | 3        | 0          | 73                 | 0     | 1                 | 0                | 77    |
| 5:00 PM  | 0        | 0          | 90                 | 1     | 1                 | 0                | 92    |
| 5:15 PM  | 11       | 0          | 102                | 1     | 1                 | 0                | 115   |
| 5:30 PM  | 7        | 0          | 95                 | 0     | 1                 | 0                | 103   |
| 5:45 PM  | 12       | 0          | 92                 | 2     | 0                 | 0                | 106   |
| 6:00 PM  | 3        | 3          | 103                | 2     | 0                 | 0                | 111   |
| 6:15 PM  | 5        | 2          | 110                | 0     | 0                 | 0                | 117   |
| 6:30 PM  | 9        | 0          | 90                 | 0     | 0                 | 0                | 99    |
| 6:45 PM  | 6        | 3          | 84                 | 0     | 1                 | 0                | 94    |
| 7:00 PM  | 8        | 2          | 64                 | 0     | 0                 | 0                | 74    |
| 7:15 PM  | 9        | 0          | 53                 | 0     | 1                 | 0                | 63    |
| 7:30 PM  | 6        | 0          | 64                 | 0     | 1                 | 0                | 71    |
| 7:45 PM  | 4        | 1          | 50                 | 0     | 0                 | 0                | 55    |
| 8:00 PM  | 7        | 0          | 51                 | 1     | 0                 | 0                | 59    |
| 8:15 PM  | 2        | 0          | 36                 | 0     | 1                 | 0                | 39    |
| 8:30 PM  | 2        | 0          | 42                 | 0     | 0                 | 0                | 44    |
| 8:45 PM  | 3        | 0          | 47                 | 0     | 0                 | 0                | 50    |
| 9:00 PM  | 2        | 1          | 45                 | 0     | 1                 | 0                | 49    |
| 9:15 PM  | 3        | 0          | 42                 | 1     | 0                 | 0                | 46    |
| 9:30 PM  | 1        | 0          | 40                 | 0     | 0                 | 0                | 41    |
| 9:45 PM  | 2        | 0          | 23                 | 0     | 0                 | 0                | 25    |
| 10:00 PM | 3        | 0          | 27                 | 0     | 0                 | 1                | 31    |
| 10:15 PM | 2        | 0          | 30                 | 0     | 0                 | 0                | 32    |
| 10:30 PM | 2        | 0          | 10                 | 0     | 0                 | 0                | 12    |
| 10:45 PM | 1        | 1          | 21                 | 0     | 1                 | 0                | 24    |
| 11:00 PM | 0        | 0          | 12                 | 0     | 0                 | 0                | 12    |
| 11:15 PM | 2        | 1          | 14                 | 0     | 0                 | 0                | 17    |
| 11:30 PM | 0        | 0          | 14                 | 1     | 0                 | 0                | 15    |
| 11:45 PM | 3        | 0          | 8                  | 0     | 0                 | 0                | 11    |

|                   |                |                |                |                |                 |                |                |
|-------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>AM Total</b>   | <b>120</b>     | <b>16</b>      | <b>2115</b>    | <b>29</b>      | <b>72</b>       | <b>7</b>       | <b>2359</b>    |
| <b>Percentage</b> | <b>5.09%</b>   | <b>0.68%</b>   | <b>89.66%</b>  | <b>1.23%</b>   | <b>3.05%</b>    | <b>0.30%</b>   |                |
| <b>AM Peak</b>    | <b>8:00 AM</b> | <b>8:30 AM</b> | <b>9:15 AM</b> | <b>7:00 AM</b> | <b>10:30 AM</b> | <b>6:15 AM</b> | <b>8:45 AM</b> |
| <b>Volume</b>     | <b>33</b>      | <b>6</b>       | <b>407</b>     | <b>13</b>      | <b>16</b>       | <b>2</b>       | <b>459</b>     |

|                   |                |                |                |                |                 |                |                |
|-------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>PM Total</b>   | <b>202</b>     | <b>22</b>      | <b>2881</b>    | <b>31</b>      | <b>51</b>       | <b>5</b>       | <b>3192</b>    |
| <b>Percentage</b> | <b>6.33%</b>   | <b>0.69%</b>   | <b>90.26%</b>  | <b>0.97%</b>   | <b>1.60%</b>    | <b>0.16%</b>   |                |
| <b>PM Peak</b>    | <b>5:15 PM</b> | <b>6:00 PM</b> | <b>5:30 PM</b> | <b>2:45 PM</b> | <b>12:30 PM</b> | <b>1:15 PM</b> | <b>5:30 PM</b> |
| <b>Volume</b>     | <b>33</b>      | <b>8</b>       | <b>400</b>     | <b>7</b>       | <b>18</b>       | <b>2</b>       | <b>437</b>     |

|                   |              |              |               |              |              |              |             |
|-------------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|
| <b>Day Total</b>  | <b>322</b>   | <b>38</b>    | <b>4996</b>   | <b>60</b>    | <b>123</b>   | <b>12</b>    | <b>5551</b> |
| <b>Percentage</b> | <b>5.80%</b> | <b>0.68%</b> | <b>90.00%</b> | <b>1.08%</b> | <b>2.22%</b> | <b>0.22%</b> |             |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**

157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR C**

**Count Date: Thursday, September 12, 2024**  
**Direction: EB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 1        | 0          | 9                  | 0     | 0                 | 0                | 10    |
| 12:15 AM | 0        | 0          | 6                  | 1     | 0                 | 0                | 7     |
| 12:30 AM | 1        | 0          | 7                  | 0     | 0                 | 0                | 8     |
| 12:45 AM | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 1:00 AM  | 3        | 0          | 3                  | 0     | 0                 | 0                | 6     |
| 1:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 1:30 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 1:45 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:30 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:00 AM  | 2        | 0          | 0                  | 0     | 0                 | 0                | 2     |
| 3:15 AM  | 1        | 0          | 2                  | 0     | 0                 | 0                | 3     |
| 3:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:30 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 4:45 AM  | 0        | 0          | 7                  | 0     | 0                 | 0                | 7     |
| 5:00 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 5:15 AM  | 1        | 0          | 15                 | 0     | 0                 | 0                | 16    |
| 5:30 AM  | 1        | 0          | 21                 | 0     | 1                 | 1                | 24    |
| 5:45 AM  | 0        | 2          | 30                 | 1     | 1                 | 0                | 34    |
| 6:00 AM  | 2        | 0          | 44                 | 0     | 1                 | 0                | 47    |
| 6:15 AM  | 0        | 0          | 43                 | 1     | 3                 | 0                | 47    |
| 6:30 AM  | 2        | 0          | 85                 | 0     | 0                 | 0                | 87    |
| 6:45 AM  | 5        | 0          | 71                 | 1     | 2                 | 0                | 79    |
| 7:00 AM  | 1        | 0          | 93                 | 4     | 0                 | 0                | 98    |
| 7:15 AM  | 3        | 0          | 87                 | 2     | 2                 | 0                | 94    |
| 7:30 AM  | 4        | 1          | 116                | 4     | 2                 | 0                | 127   |
| 7:45 AM  | 5        | 1          | 109                | 2     | 3                 | 0                | 120   |
| 8:00 AM  | 6        | 0          | 105                | 2     | 3                 | 0                | 116   |
| 8:15 AM  | 17       | 0          | 95                 | 0     | 1                 | 0                | 113   |
| 8:30 AM  | 9        | 1          | 100                | 2     | 2                 | 0                | 114   |
| 8:45 AM  | 8        | 0          | 102                | 1     | 5                 | 1                | 117   |
| 9:00 AM  | 5        | 0          | 114                | 2     | 5                 | 0                | 126   |
| 9:15 AM  | 4        | 1          | 105                | 0     | 2                 | 0                | 112   |
| 9:30 AM  | 4        | 5          | 105                | 2     | 3                 | 0                | 119   |
| 9:45 AM  | 10       | 1          | 95                 | 1     | 5                 | 1                | 113   |
| 10:00 AM | 7        | 0          | 75                 | 1     | 4                 | 0                | 87    |
| 10:15 AM | 6        | 0          | 80                 | 0     | 2                 | 0                | 88    |
| 10:30 AM | 5        | 0          | 88                 | 0     | 3                 | 0                | 96    |
| 10:45 AM | 2        | 0          | 99                 | 1     | 3                 | 0                | 105   |
| 11:00 AM | 4        | 0          | 77                 | 0     | 6                 | 0                | 87    |
| 11:15 AM | 4        | 0          | 54                 | 1     | 5                 | 0                | 64    |
| 11:30 AM | 1        | 0          | 61                 | 2     | 2                 | 0                | 66    |
| 11:45 AM | 3        | 2          | 65                 | 0     | 0                 | 0                | 70    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 1        | 0          | 68                 | 1     | 3                 | 0                | 73    |
| 12:15 PM | 2        | 0          | 66                 | 0     | 2                 | 0                | 70    |
| 12:30 PM | 1        | 0          | 71                 | 1     | 3                 | 0                | 76    |
| 12:45 PM | 3        | 0          | 64                 | 1     | 2                 | 0                | 70    |
| 1:00 PM  | 5        | 2          | 59                 | 0     | 0                 | 0                | 66    |
| 1:15 PM  | 5        | 0          | 63                 | 0     | 4                 | 0                | 72    |
| 1:30 PM  | 2        | 1          | 66                 | 2     | 3                 | 2                | 76    |
| 1:45 PM  | 2        | 0          | 75                 | 0     | 0                 | 0                | 77    |
| 2:00 PM  | 2        | 1          | 64                 | 0     | 0                 | 0                | 67    |
| 2:15 PM  | 3        | 0          | 70                 | 1     | 4                 | 0                | 78    |
| 2:30 PM  | 5        | 0          | 78                 | 1     | 4                 | 0                | 88    |
| 2:45 PM  | 2        | 1          | 75                 | 1     | 5                 | 0                | 84    |
| 3:00 PM  | 1        | 0          | 72                 | 3     | 3                 | 0                | 79    |
| 3:15 PM  | 3        | 0          | 90                 | 1     | 2                 | 0                | 96    |
| 3:30 PM  | 2        | 0          | 71                 | 2     | 2                 | 0                | 77    |
| 3:45 PM  | 2        | 0          | 91                 | 1     | 1                 | 0                | 95    |
| 4:00 PM  | 3        | 0          | 84                 | 1     | 2                 | 0                | 90    |
| 4:15 PM  | 0        | 0          | 89                 | 0     | 1                 | 0                | 90    |
| 4:30 PM  | 3        | 0          | 88                 | 3     | 1                 | 0                | 95    |
| 4:45 PM  | 5        | 1          | 70                 | 0     | 0                 | 0                | 76    |
| 5:00 PM  | 11       | 0          | 72                 | 2     | 0                 | 0                | 85    |
| 5:15 PM  | 9        | 0          | 95                 | 2     | 1                 | 0                | 107   |
| 5:30 PM  | 9        | 0          | 93                 | 0     | 0                 | 0                | 102   |
| 5:45 PM  | 1        | 0          | 84                 | 1     | 1                 | 0                | 87    |
| 6:00 PM  | 0        | 0          | 95                 | 2     | 2                 | 0                | 99    |
| 6:15 PM  | 5        | 0          | 93                 | 0     | 2                 | 0                | 100   |
| 6:30 PM  | 4        | 0          | 74                 | 0     | 1                 | 0                | 79    |
| 6:45 PM  | 3        | 0          | 69                 | 0     | 1                 | 0                | 73    |
| 7:00 PM  | 7        | 0          | 58                 | 0     | 0                 | 0                | 65    |
| 7:15 PM  | 3        | 0          | 83                 | 0     | 0                 | 0                | 86    |
| 7:30 PM  | 2        | 1          | 68                 | 0     | 0                 | 0                | 71    |
| 7:45 PM  | 3        | 1          | 53                 | 1     | 1                 | 1                | 60    |
| 8:00 PM  | 5        | 0          | 39                 | 0     | 1                 | 0                | 45    |
| 8:15 PM  | 7        | 0          | 75                 | 2     | 0                 | 0                | 84    |
| 8:30 PM  | 3        | 0          | 69                 | 0     | 0                 | 0                | 72    |
| 8:45 PM  | 2        | 0          | 56                 | 0     | 0                 | 0                | 58    |
| 9:00 PM  | 3        | 1          | 34                 | 0     | 0                 | 0                | 38    |
| 9:15 PM  | 2        | 0          | 34                 | 0     | 1                 | 0                | 37    |
| 9:30 PM  | 4        | 0          | 25                 | 0     | 2                 | 0                | 31    |
| 9:45 PM  | 4        | 0          | 31                 | 0     | 0                 | 0                | 35    |
| 10:00 PM | 3        | 0          | 29                 | 0     | 0                 | 0                | 32    |
| 10:15 PM | 3        | 0          | 35                 | 0     | 0                 | 0                | 38    |
| 10:30 PM | 1        | 0          | 23                 | 0     | 0                 | 0                | 24    |
| 10:45 PM | 2        | 0          | 23                 | 0     | 1                 | 0                | 26    |
| 11:00 PM | 1        | 0          | 14                 | 0     | 0                 | 0                | 15    |
| 11:15 PM | 0        | 0          | 18                 | 0     | 0                 | 0                | 18    |
| 11:30 PM | 0        | 0          | 10                 | 0     | 1                 | 0                | 11    |
| 11:45 PM | 0        | 0          | 10                 | 0     | 0                 | 0                | 10    |

|                   |                |                |                |                |                 |                |                |
|-------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>AM Total</b>   | <b>127</b>     | <b>14</b>      | <b>2203</b>    | <b>31</b>      | <b>66</b>       | <b>3</b>       | <b>2444</b>    |
| <b>Percentage</b> | <b>5.20%</b>   | <b>0.57%</b>   | <b>90.14%</b>  | <b>1.27%</b>   | <b>2.70%</b>    | <b>0.12%</b>   |                |
| <b>AM Peak</b>    | <b>8:00 AM</b> | <b>9:00 AM</b> | <b>8:45 AM</b> | <b>7:00 AM</b> | <b>10:30 AM</b> | <b>4:45 AM</b> | <b>7:30 AM</b> |
| <b>Volume</b>     | <b>40</b>      | <b>7</b>       | <b>426</b>     | <b>12</b>      | <b>17</b>       | <b>1</b>       | <b>476</b>     |

|                   |                |                 |                |                |                |                 |                |
|-------------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|
| <b>PM Total</b>   | <b>149</b>     | <b>9</b>        | <b>2936</b>    | <b>29</b>      | <b>57</b>      | <b>3</b>        | <b>3183</b>    |
| <b>Percentage</b> | <b>4.68%</b>   | <b>0.28%</b>    | <b>92.24%</b>  | <b>0.91%</b>   | <b>1.79%</b>   | <b>0.09%</b>    |                |
| <b>PM Peak</b>    | <b>4:45 PM</b> | <b>12:45 PM</b> | <b>5:15 PM</b> | <b>2:45 PM</b> | <b>2:15 PM</b> | <b>12:45 PM</b> | <b>5:15 PM</b> |
| <b>Volume</b>     | <b>34</b>      | <b>3</b>        | <b>367</b>     | <b>7</b>       | <b>16</b>      | <b>2</b>        | <b>395</b>     |

|                   |              |              |               |              |              |              |             |
|-------------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|
| <b>Day Total</b>  | <b>276</b>   | <b>23</b>    | <b>5139</b>   | <b>60</b>    | <b>123</b>   | <b>6</b>     | <b>5627</b> |
| <b>Percentage</b> | <b>4.90%</b> | <b>0.41%</b> | <b>91.33%</b> | <b>1.07%</b> | <b>2.19%</b> | <b>0.11%</b> |             |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**

157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR C**

**Count Date: Tuesday, September 10, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 1        | 0          | 8                  | 0     | 0                 | 0                | 9     |
| 12:15 AM | 0        | 0          | 3                  | 0     | 1                 | 0                | 4     |
| 12:30 AM | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 12:45 AM | 1        | 0          | 2                  | 0     | 0                 | 0                | 3     |
| 1:00 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 1:15 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 1:30 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 1:45 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 2:00 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 2:30 AM  | 0        | 0          | 0                  | 0     | 0                 | 1                | 1     |
| 2:45 AM  | 0        | 0          | 3                  | 0     | 1                 | 0                | 4     |
| 3:00 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 3:15 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:45 AM  | 0        | 0          | 2                  | 0     | 1                 | 0                | 3     |
| 4:00 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:15 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 4:30 AM  | 0        | 0          | 1                  | 0     | 2                 | 0                | 3     |
| 4:45 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 5:00 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 5:15 AM  | 0        | 0          | 8                  | 0     | 0                 | 0                | 8     |
| 5:30 AM  | 4        | 0          | 16                 | 0     | 0                 | 0                | 20    |
| 5:45 AM  | 0        | 0          | 13                 | 0     | 0                 | 0                | 13    |
| 6:00 AM  | 2        | 0          | 17                 | 0     | 1                 | 0                | 20    |
| 6:15 AM  | 0        | 0          | 23                 | 0     | 1                 | 0                | 24    |
| 6:30 AM  | 0        | 0          | 43                 | 4     | 1                 | 0                | 48    |
| 6:45 AM  | 4        | 0          | 34                 | 3     | 3                 | 0                | 44    |
| 7:00 AM  | 1        | 0          | 53                 | 0     | 2                 | 0                | 56    |
| 7:15 AM  | 0        | 0          | 55                 | 5     | 1                 | 0                | 61    |
| 7:30 AM  | 7        | 0          | 62                 | 4     | 1                 | 1                | 75    |
| 7:45 AM  | 2        | 0          | 87                 | 4     | 2                 | 0                | 95    |
| 8:00 AM  | 5        | 0          | 89                 | 2     | 1                 | 0                | 97    |
| 8:15 AM  | 6        | 0          | 112                | 1     | 2                 | 1                | 122   |
| 8:30 AM  | 6        | 1          | 119                | 2     | 2                 | 1                | 131   |
| 8:45 AM  | 10       | 0          | 63                 | 2     | 2                 | 0                | 77    |
| 9:00 AM  | 5        | 0          | 62                 | 0     | 2                 | 0                | 69    |
| 9:15 AM  | 3        | 1          | 57                 | 1     | 1                 | 0                | 63    |
| 9:30 AM  | 4        | 0          | 63                 | 0     | 3                 | 0                | 70    |
| 9:45 AM  | 8        | 1          | 60                 | 0     | 2                 | 0                | 71    |
| 10:00 AM | 1        | 1          | 59                 | 1     | 5                 | 0                | 67    |
| 10:15 AM | 7        | 0          | 51                 | 3     | 1                 | 0                | 62    |
| 10:30 AM | 5        | 0          | 55                 | 2     | 1                 | 0                | 63    |
| 10:45 AM | 4        | 1          | 53                 | 0     | 4                 | 0                | 62    |
| 11:00 AM | 5        | 1          | 60                 | 0     | 2                 | 0                | 68    |
| 11:15 AM | 3        | 0          | 58                 | 1     | 2                 | 0                | 64    |
| 11:30 AM | 4        | 0          | 57                 | 0     | 5                 | 0                | 66    |
| 11:45 AM | 6        | 0          | 57                 | 0     | 1                 | 0                | 64    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 7        | 1          | 55                 | 1     | 3                 | 0                | 67    |
| 12:15 PM | 4        | 0          | 55                 | 1     | 2                 | 0                | 62    |
| 12:30 PM | 3        | 0          | 70                 | 2     | 3                 | 0                | 78    |
| 12:45 PM | 6        | 0          | 49                 | 0     | 3                 | 0                | 58    |
| 1:00 PM  | 4        | 0          | 55                 | 0     | 2                 | 0                | 61    |
| 1:15 PM  | 1        | 0          | 74                 | 3     | 0                 | 0                | 78    |
| 1:30 PM  | 1        | 0          | 74                 | 1     | 2                 | 0                | 78    |
| 1:45 PM  | 3        | 0          | 70                 | 0     | 2                 | 0                | 75    |
| 2:00 PM  | 6        | 1          | 74                 | 1     | 3                 | 1                | 86    |
| 2:15 PM  | 7        | 0          | 75                 | 6     | 6                 | 0                | 94    |
| 2:30 PM  | 4        | 2          | 104                | 2     | 1                 | 0                | 113   |
| 2:45 PM  | 3        | 2          | 97                 | 2     | 2                 | 2                | 108   |
| 3:00 PM  | 4        | 0          | 89                 | 1     | 1                 | 0                | 95    |
| 3:15 PM  | 6        | 0          | 113                | 4     | 0                 | 2                | 125   |
| 3:30 PM  | 4        | 0          | 140                | 2     | 0                 | 0                | 146   |
| 3:45 PM  | 3        | 0          | 105                | 3     | 5                 | 0                | 116   |
| 4:00 PM  | 0        | 0          | 122                | 2     | 1                 | 1                | 126   |
| 4:15 PM  | 10       | 1          | 119                | 4     | 1                 | 0                | 135   |
| 4:30 PM  | 7        | 0          | 130                | 0     | 0                 | 0                | 137   |
| 4:45 PM  | 6        | 0          | 135                | 0     | 2                 | 0                | 143   |
| 5:00 PM  | 7        | 0          | 133                | 1     | 0                 | 0                | 141   |
| 5:15 PM  | 10       | 0          | 111                | 0     | 1                 | 0                | 122   |
| 5:30 PM  | 10       | 0          | 117                | 0     | 1                 | 0                | 128   |
| 5:45 PM  | 10       | 0          | 130                | 1     | 0                 | 0                | 141   |
| 6:00 PM  | 14       | 0          | 92                 | 1     | 0                 | 0                | 107   |
| 6:15 PM  | 10       | 0          | 96                 | 2     | 2                 | 0                | 110   |
| 6:30 PM  | 12       | 0          | 116                | 0     | 0                 | 0                | 128   |
| 6:45 PM  | 6        | 1          | 86                 | 0     | 1                 | 0                | 94    |
| 7:00 PM  | 4        | 2          | 83                 | 0     | 0                 | 0                | 89    |
| 7:15 PM  | 2        | 0          | 82                 | 0     | 0                 | 0                | 84    |
| 7:30 PM  | 2        | 0          | 57                 | 0     | 1                 | 0                | 60    |
| 7:45 PM  | 2        | 0          | 57                 | 1     | 0                 | 0                | 60    |
| 8:00 PM  | 4        | 0          | 54                 | 0     | 0                 | 0                | 58    |
| 8:15 PM  | 4        | 2          | 66                 | 0     | 0                 | 0                | 72    |
| 8:30 PM  | 3        | 0          | 45                 | 0     | 0                 | 0                | 48    |
| 8:45 PM  | 5        | 0          | 46                 | 0     | 0                 | 0                | 51    |
| 9:00 PM  | 2        | 0          | 39                 | 0     | 0                 | 0                | 41    |
| 9:15 PM  | 3        | 1          | 47                 | 0     | 0                 | 0                | 51    |
| 9:30 PM  | 4        | 0          | 35                 | 0     | 0                 | 0                | 39    |
| 9:45 PM  | 4        | 0          | 22                 | 0     | 1                 | 0                | 27    |
| 10:00 PM | 2        | 0          | 27                 | 0     | 0                 | 0                | 29    |
| 10:15 PM | 1        | 1          | 20                 | 0     | 0                 | 0                | 22    |
| 10:30 PM | 1        | 0          | 24                 | 0     | 0                 | 0                | 25    |
| 10:45 PM | 1        | 2          | 17                 | 1     | 0                 | 0                | 21    |
| 11:00 PM | 0        | 0          | 20                 | 0     | 0                 | 0                | 20    |
| 11:15 PM | 0        | 0          | 22                 | 0     | 0                 | 0                | 22    |
| 11:30 PM | 2        | 0          | 18                 | 0     | 0                 | 0                | 20    |
| 11:45 PM | 3        | 0          | 7                  | 0     | 0                 | 0                | 10    |

|                       |                |                |                |                |                 |                |                |
|-----------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>AM Total</b>       | <b>104</b>     | <b>6</b>       | <b>1551</b>    | <b>35</b>      | <b>53</b>       | <b>4</b>       | <b>1753</b>    |
| <b>Percentage</b>     | <b>5.93%</b>   | <b>0.34%</b>   | <b>88.48%</b>  | <b>2.00%</b>   | <b>3.02%</b>    | <b>0.23%</b>   |                |
| <b>AM Peak Volume</b> | <b>8:00 AM</b> | <b>9:15 AM</b> | <b>7:45 AM</b> | <b>7:15 AM</b> | <b>10:45 AM</b> | <b>7:30 AM</b> | <b>7:45 AM</b> |
|                       | <b>27</b>      | <b>3</b>       | <b>407</b>     | <b>15</b>      | <b>13</b>       | <b>2</b>       | <b>445</b>     |

|                       |                |                |                |                |                |                |                |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>PM Total</b>       | <b>217</b>     | <b>16</b>      | <b>3474</b>    | <b>42</b>      | <b>46</b>      | <b>6</b>       | <b>3801</b>    |
| <b>Percentage</b>     | <b>5.71%</b>   | <b>0.42%</b>   | <b>91.40%</b>  | <b>1.10%</b>   | <b>1.21%</b>   | <b>0.16%</b>   |                |
| <b>PM Peak Volume</b> | <b>5:45 PM</b> | <b>2:00 PM</b> | <b>4:15 PM</b> | <b>2:00 PM</b> | <b>1:30 PM</b> | <b>2:30 PM</b> | <b>4:15 PM</b> |
|                       | <b>46</b>      | <b>5</b>       | <b>517</b>     | <b>11</b>      | <b>13</b>      | <b>4</b>       | <b>556</b>     |

|                   |              |              |               |              |              |              |             |
|-------------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|
| <b>Day Total</b>  | <b>321</b>   | <b>22</b>    | <b>5025</b>   | <b>77</b>    | <b>99</b>    | <b>10</b>    | <b>5554</b> |
| <b>Percentage</b> | <b>5.78%</b> | <b>0.40%</b> | <b>90.48%</b> | <b>1.39%</b> | <b>1.78%</b> | <b>0.18%</b> |             |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**

157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File #: 240156 ATR C**

**Count Date: Wednesday, September 11, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 1          | 12                 | 0     | 0                 | 0                | 13    |
| 12:15 AM | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 12:30 AM | 0        | 0          | 8                  | 1     | 0                 | 0                | 9     |
| 12:45 AM | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 1:00 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 1:15 AM  | 0        | 0          | 4                  | 0     | 0                 | 0                | 4     |
| 1:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 1:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 2:00 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 2:15 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 2:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 2:45 AM  | 0        | 0          | 2                  | 0     | 1                 | 0                | 3     |
| 3:00 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:15 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 3:30 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 3:45 AM  | 0        | 0          | 1                  | 0     | 0                 | 0                | 1     |
| 4:00 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 4:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:30 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:45 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 5:00 AM  | 1        | 0          | 5                  | 0     | 1                 | 0                | 7     |
| 5:15 AM  | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 5:30 AM  | 1        | 0          | 16                 | 0     | 1                 | 0                | 18    |
| 5:45 AM  | 1        | 0          | 19                 | 0     | 0                 | 0                | 20    |
| 6:00 AM  | 0        | 0          | 17                 | 0     | 1                 | 0                | 18    |
| 6:15 AM  | 0        | 0          | 28                 | 0     | 2                 | 0                | 30    |
| 6:30 AM  | 0        | 0          | 22                 | 3     | 4                 | 0                | 29    |
| 6:45 AM  | 0        | 0          | 33                 | 3     | 2                 | 0                | 38    |
| 7:00 AM  | 0        | 0          | 57                 | 0     | 4                 | 0                | 61    |
| 7:15 AM  | 0        | 0          | 47                 | 4     | 2                 | 0                | 53    |
| 7:30 AM  | 1        | 2          | 73                 | 7     | 2                 | 0                | 85    |
| 7:45 AM  | 5        | 1          | 73                 | 4     | 0                 | 0                | 83    |
| 8:00 AM  | 12       | 2          | 70                 | 2     | 1                 | 0                | 87    |
| 8:15 AM  | 2        | 1          | 122                | 0     | 2                 | 0                | 127   |
| 8:30 AM  | 6        | 1          | 108                | 2     | 2                 | 0                | 119   |
| 8:45 AM  | 13       | 0          | 83                 | 1     | 1                 | 0                | 98    |
| 9:00 AM  | 8        | 3          | 52                 | 0     | 4                 | 0                | 67    |
| 9:15 AM  | 3        | 1          | 57                 | 1     | 1                 | 1                | 64    |
| 9:30 AM  | 4        | 0          | 59                 | 0     | 7                 | 0                | 70    |
| 9:45 AM  | 6        | 1          | 58                 | 1     | 4                 | 0                | 70    |
| 10:00 AM | 9        | 0          | 48                 | 1     | 6                 | 0                | 64    |
| 10:15 AM | 6        | 0          | 53                 | 2     | 7                 | 0                | 68    |
| 10:30 AM | 3        | 0          | 53                 | 2     | 2                 | 0                | 60    |
| 10:45 AM | 2        | 1          | 57                 | 0     | 7                 | 0                | 67    |
| 11:00 AM | 2        | 0          | 55                 | 0     | 2                 | 0                | 59    |
| 11:15 AM | 2        | 0          | 47                 | 1     | 3                 | 0                | 53    |
| 11:30 AM | 6        | 1          | 47                 | 0     | 4                 | 0                | 58    |
| 11:45 AM | 8        | 1          | 60                 | 1     | 2                 | 0                | 72    |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 7        | 0          | 70                 | 0     | 3                 | 0                | 80    |
| 12:15 PM | 3        | 2          | 75                 | 4     | 4                 | 0                | 88    |
| 12:30 PM | 5        | 2          | 80                 | 3     | 2                 | 0                | 92    |
| 12:45 PM | 4        | 1          | 79                 | 1     | 2                 | 0                | 87    |
| 1:00 PM  | 5        | 0          | 83                 | 2     | 4                 | 0                | 94    |
| 1:15 PM  | 3        | 0          | 85                 | 4     | 6                 | 0                | 98    |
| 1:30 PM  | 1        | 0          | 50                 | 0     | 4                 | 0                | 55    |
| 1:45 PM  | 4        | 0          | 66                 | 3     | 3                 | 0                | 76    |
| 2:00 PM  | 4        | 1          | 80                 | 6     | 2                 | 0                | 93    |
| 2:15 PM  | 5        | 1          | 87                 | 4     | 1                 | 0                | 98    |
| 2:30 PM  | 9        | 1          | 92                 | 1     | 2                 | 0                | 105   |
| 2:45 PM  | 5        | 0          | 115                | 3     | 2                 | 0                | 125   |
| 3:00 PM  | 5        | 1          | 92                 | 1     | 2                 | 0                | 101   |
| 3:15 PM  | 4        | 1          | 114                | 6     | 1                 | 0                | 126   |
| 3:30 PM  | 7        | 1          | 109                | 2     | 1                 | 0                | 120   |
| 3:45 PM  | 6        | 1          | 110                | 1     | 1                 | 0                | 119   |
| 4:00 PM  | 7        | 0          | 129                | 1     | 0                 | 0                | 137   |
| 4:15 PM  | 10       | 1          | 119                | 3     | 1                 | 1                | 135   |
| 4:30 PM  | 9        | 1          | 104                | 0     | 0                 | 0                | 114   |
| 4:45 PM  | 5        | 0          | 124                | 0     | 0                 | 0                | 129   |
| 5:00 PM  | 12       | 0          | 123                | 1     | 4                 | 0                | 140   |
| 5:15 PM  | 11       | 0          | 113                | 0     | 6                 | 0                | 130   |
| 5:30 PM  | 8        | 0          | 128                | 0     | 0                 | 0                | 136   |
| 5:45 PM  | 16       | 0          | 106                | 2     | 2                 | 0                | 126   |
| 6:00 PM  | 12       | 3          | 118                | 0     | 1                 | 0                | 134   |
| 6:15 PM  | 7        | 2          | 113                | 2     | 0                 | 0                | 124   |
| 6:30 PM  | 5        | 0          | 105                | 1     | 0                 | 0                | 111   |
| 6:45 PM  | 12       | 3          | 90                 | 1     | 2                 | 0                | 108   |
| 7:00 PM  | 5        | 0          | 74                 | 1     | 0                 | 0                | 80    |
| 7:15 PM  | 2        | 0          | 73                 | 0     | 0                 | 0                | 75    |
| 7:30 PM  | 5        | 1          | 73                 | 0     | 0                 | 0                | 79    |
| 7:45 PM  | 4        | 0          | 70                 | 0     | 0                 | 0                | 74    |
| 8:00 PM  | 4        | 2          | 65                 | 0     | 0                 | 0                | 71    |
| 8:15 PM  | 8        | 0          | 45                 | 0     | 0                 | 0                | 53    |
| 8:30 PM  | 3        | 0          | 46                 | 0     | 0                 | 0                | 49    |
| 8:45 PM  | 2        | 1          | 37                 | 0     | 0                 | 0                | 40    |
| 9:00 PM  | 1        | 0          | 41                 | 0     | 0                 | 0                | 42    |
| 9:15 PM  | 3        | 1          | 44                 | 2     | 0                 | 0                | 50    |
| 9:30 PM  | 2        | 0          | 35                 | 0     | 0                 | 0                | 37    |
| 9:45 PM  | 6        | 0          | 35                 | 0     | 1                 | 0                | 42    |
| 10:00 PM | 2        | 0          | 31                 | 0     | 0                 | 0                | 33    |
| 10:15 PM | 1        | 1          | 28                 | 0     | 0                 | 0                | 30    |
| 10:30 PM | 1        | 0          | 22                 | 0     | 0                 | 0                | 23    |
| 10:45 PM | 1        | 0          | 25                 | 0     | 2                 | 0                | 28    |
| 11:00 PM | 2        | 0          | 21                 | 0     | 0                 | 0                | 23    |
| 11:15 PM | 2        | 1          | 16                 | 0     | 0                 | 0                | 19    |
| 11:30 PM | 2        | 0          | 9                  | 1     | 0                 | 0                | 12    |
| 11:45 PM | 1        | 0          | 18                 | 0     | 0                 | 0                | 19    |

|                       |                |                |                |                |                |                |                |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>AM Total</b>       | <b>101</b>     | <b>16</b>      | <b>1496</b>    | <b>36</b>      | <b>77</b>      | <b>1</b>       | <b>1727</b>    |
| <b>Percentage</b>     | <b>5.85%</b>   | <b>0.93%</b>   | <b>86.62%</b>  | <b>2.08%</b>   | <b>4.46%</b>   | <b>0.06%</b>   |                |
| <b>AM Peak Volume</b> | <b>8:00 AM</b> | <b>7:30 AM</b> | <b>8:00 AM</b> | <b>7:15 AM</b> | <b>9:30 AM</b> | <b>8:30 AM</b> | <b>8:00 AM</b> |
|                       | <b>33</b>      | <b>6</b>       | <b>383</b>     | <b>17</b>      | <b>24</b>      | <b>1</b>       | <b>431</b>     |

|                       |                |                |                |                |                |                |                |
|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>PM Total</b>       | <b>248</b>     | <b>29</b>      | <b>3567</b>    | <b>56</b>      | <b>59</b>      | <b>1</b>       | <b>3960</b>    |
| <b>Percentage</b>     | <b>6.26%</b>   | <b>0.73%</b>   | <b>90.08%</b>  | <b>1.41%</b>   | <b>1.49%</b>   | <b>0.03%</b>   |                |
| <b>PM Peak Volume</b> | <b>5:00 PM</b> | <b>6:00 PM</b> | <b>4:45 PM</b> | <b>1:45 PM</b> | <b>1:00 PM</b> | <b>3:30 PM</b> | <b>4:45 PM</b> |
|                       | <b>47</b>      | <b>8</b>       | <b>488</b>     | <b>14</b>      | <b>17</b>      | <b>1</b>       | <b>535</b>     |

|                   |              |              |               |              |              |              |             |
|-------------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|
| <b>Day Total</b>  | <b>349</b>   | <b>45</b>    | <b>5063</b>   | <b>92</b>    | <b>136</b>   | <b>2</b>     | <b>5687</b> |
| <b>Percentage</b> | <b>6.14%</b> | <b>0.79%</b> | <b>89.03%</b> | <b>1.62%</b> | <b>2.39%</b> | <b>0.04%</b> |             |



**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



PRECISION  
 D A T A  
 INDUSTRIES, LLC

157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

PDI File #: 240156 ATR C

**Count Date: Thursday, September 12, 2024**  
**Direction: WB**

| AM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 AM | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 12:15 AM | 0        | 0          | 6                  | 0     | 0                 | 0                | 6     |
| 12:30 AM | 1        | 0          | 1                  | 0     | 0                 | 0                | 2     |
| 12:45 AM | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 1:00 AM  | 0        | 0          | 5                  | 0     | 0                 | 0                | 5     |
| 1:15 AM  | 0        | 0          | 9                  | 0     | 0                 | 0                | 9     |
| 1:30 AM  | 0        | 0          | 5                  | 0     | 1                 | 0                | 6     |
| 1:45 AM  | 0        | 0          | 2                  | 0     | 1                 | 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  | 1        | 0          | 4                  | 0     | 1                 | 0                | 6     |
| 2:45 AM  | 0        | 0          | 3                  | 0     | 0                 | 0                | 3     |
| 3:00 AM  | 0        | 0          | 0                  | 0     | 0                 | 0                | 0     |
| 3:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 3:30 AM  | 0        | 0          | 1                  | 0     | 0                 | 1                | 2     |
| 3:45 AM  | 0        | 0          | 0                  | 0     | 2                 | 0                | 2     |
| 4:00 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:15 AM  | 0        | 0          | 2                  | 0     | 0                 | 0                | 2     |
| 4:30 AM  | 1        | 0          | 3                  | 0     | 0                 | 0                | 4     |
| 4:45 AM  | 0        | 0          | 1                  | 0     | 1                 | 0                | 2     |
| 5:00 AM  | 1        | 0          | 1                  | 0     | 0                 | 0                | 2     |
| 5:15 AM  | 0        | 0          | 10                 | 0     | 0                 | 0                | 10    |
| 5:30 AM  | 1        | 0          | 16                 | 0     | 1                 | 0                | 18    |
| 5:45 AM  | 1        | 0          | 13                 | 0     | 1                 | 1                | 16    |
| 6:00 AM  | 0        | 0          | 19                 | 0     | 2                 | 0                | 21    |
| 6:15 AM  | 1        | 0          | 26                 | 1     | 0                 | 0                | 28    |
| 6:30 AM  | 3        | 0          | 30                 | 3     | 2                 | 0                | 38    |
| 6:45 AM  | 3        | 0          | 41                 | 2     | 1                 | 0                | 47    |
| 7:00 AM  | 0        | 0          | 46                 | 1     | 1                 | 0                | 48    |
| 7:15 AM  | 2        | 0          | 47                 | 4     | 1                 | 0                | 54    |
| 7:30 AM  | 3        | 0          | 64                 | 5     | 5                 | 0                | 77    |
| 7:45 AM  | 8        | 0          | 74                 | 4     | 2                 | 0                | 88    |
| 8:00 AM  | 4        | 0          | 82                 | 2     | 1                 | 1                | 90    |
| 8:15 AM  | 7        | 1          | 101                | 2     | 1                 | 0                | 112   |
| 8:30 AM  | 4        | 0          | 95                 | 1     | 2                 | 0                | 102   |
| 8:45 AM  | 10       | 0          | 56                 | 0     | 3                 | 0                | 69    |
| 9:00 AM  | 4        | 1          | 70                 | 0     | 3                 | 0                | 78    |
| 9:15 AM  | 4        | 1          | 58                 | 1     | 1                 | 0                | 65    |
| 9:30 AM  | 4        | 1          | 46                 | 0     | 6                 | 0                | 57    |
| 9:45 AM  | 5        | 0          | 57                 | 0     | 6                 | 0                | 68    |
| 10:00 AM | 7        | 1          | 57                 | 2     | 3                 | 0                | 70    |
| 10:15 AM | 5        | 0          | 81                 | 2     | 6                 | 0                | 94    |
| 10:30 AM | 4        | 1          | 75                 | 2     | 4                 | 0                | 86    |
| 10:45 AM | 3        | 0          | 78                 | 0     | 4                 | 0                | 85    |
| 11:00 AM | 5        | 0          | 73                 | 0     | 6                 | 0                | 84    |
| 11:15 AM | 4        | 0          | 72                 | 1     | 7                 | 0                | 84    |
| 11:30 AM | 2        | 1          | 70                 | 1     | 3                 | 0                | 77    |
| 11:45 AM | 8        | 1          | 98                 | 0     | 6                 | 1                | 114   |

| PM       | Bicycles | Motorcycle | Cars & Light Goods | Buses | Single Unit Heavy | Multi Unit Heavy | Total |
|----------|----------|------------|--------------------|-------|-------------------|------------------|-------|
| 12:00 PM | 5        | 0          | 91                 | 1     | 2                 | 0                | 99    |
| 12:15 PM | 3        | 2          | 71                 | 1     | 1                 | 0                | 78    |
| 12:30 PM | 3        | 1          | 92                 | 1     | 2                 | 0                | 99    |
| 12:45 PM | 4        | 1          | 75                 | 0     | 3                 | 0                | 83    |
| 1:00 PM  | 7        | 1          | 68                 | 0     | 4                 | 2                | 82    |
| 1:15 PM  | 3        | 0          | 87                 | 2     | 3                 | 0                | 95    |
| 1:30 PM  | 3        | 0          | 75                 | 0     | 3                 | 0                | 81    |
| 1:45 PM  | 1        | 0          | 92                 | 2     | 1                 | 0                | 96    |
| 2:00 PM  | 6        | 2          | 92                 | 1     | 3                 | 0                | 104   |
| 2:15 PM  | 6        | 1          | 97                 | 6     | 0                 | 0                | 110   |
| 2:30 PM  | 5        | 0          | 106                | 1     | 0                 | 0                | 112   |
| 2:45 PM  | 8        | 2          | 103                | 6     | 3                 | 0                | 122   |
| 3:00 PM  | 5        | 1          | 100                | 1     | 0                 | 1                | 108   |
| 3:15 PM  | 4        | 0          | 109                | 3     | 1                 | 1                | 118   |
| 3:30 PM  | 6        | 0          | 111                | 5     | 1                 | 0                | 123   |
| 3:45 PM  | 1        | 0          | 124                | 2     | 2                 | 0                | 129   |
| 4:00 PM  | 6        | 2          | 125                | 1     | 2                 | 0                | 136   |
| 4:15 PM  | 6        | 1          | 134                | 5     | 0                 | 0                | 146   |
| 4:30 PM  | 5        | 0          | 124                | 1     | 0                 | 0                | 130   |
| 4:45 PM  | 15       | 2          | 127                | 0     | 1                 | 0                | 145   |
| 5:00 PM  | 12       | 0          | 140                | 1     | 1                 | 0                | 154   |
| 5:15 PM  | 13       | 0          | 142                | 1     | 3                 | 0                | 159   |
| 5:30 PM  | 16       | 1          | 113                | 0     | 1                 | 0                | 131   |
| 5:45 PM  | 15       | 1          | 121                | 1     | 0                 | 0                | 138   |
| 6:00 PM  | 10       | 1          | 116                | 1     | 0                 | 0                | 128   |
| 6:15 PM  | 4        | 0          | 115                | 1     | 0                 | 0                | 120   |
| 6:30 PM  | 6        | 0          | 87                 | 1     | 0                 | 0                | 94    |
| 6:45 PM  | 6        | 0          | 82                 | 0     | 1                 | 0                | 89    |
| 7:00 PM  | 6        | 1          | 94                 | 0     | 0                 | 0                | 101   |
| 7:15 PM  | 5        | 1          | 86                 | 0     | 0                 | 0                | 92    |
| 7:30 PM  | 3        | 2          | 96                 | 0     | 2                 | 0                | 103   |
| 7:45 PM  | 4        | 0          | 62                 | 1     | 1                 | 0                | 68    |
| 8:00 PM  | 2        | 0          | 56                 | 1     | 1                 | 0                | 60    |
| 8:15 PM  | 8        | 1          | 70                 | 0     | 0                 | 0                | 79    |
| 8:30 PM  | 3        | 1          | 40                 | 0     | 0                 | 0                | 44    |
| 8:45 PM  | 7        | 0          | 40                 | 0     | 2                 | 0                | 49    |
| 9:00 PM  | 4        | 0          | 36                 | 0     | 0                 | 0                | 40    |
| 9:15 PM  | 4        | 1          | 46                 | 0     | 0                 | 0                | 51    |
| 9:30 PM  | 4        | 0          | 41                 | 1     | 0                 | 0                | 46    |
| 9:45 PM  | 3        | 1          | 45                 | 0     | 0                 | 0                | 49    |
| 10:00 PM | 3        | 0          | 31                 | 0     | 0                 | 0                | 34    |
| 10:15 PM | 4        | 0          | 34                 | 1     | 0                 | 0                | 39    |
| 10:30 PM | 0        | 0          | 27                 | 0     | 0                 | 0                | 27    |
| 10:45 PM | 3        | 0          | 22                 | 0     | 0                 | 0                | 25    |
| 11:00 PM | 0        | 1          | 22                 | 0     | 1                 | 0                | 24    |
| 11:15 PM | 0        | 0          | 12                 | 0     | 1                 | 0                | 13    |
| 11:30 PM | 0        | 0          | 19                 | 0     | 0                 | 0                | 19    |
| 11:45 PM | 1        | 0          | 17                 | 0     | 0                 | 0                | 18    |

|                   |                |                |                |                |                 |                |                |
|-------------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| <b>AM Total</b>   | <b>106</b>     | <b>8</b>       | <b>1619</b>    | <b>34</b>      | <b>84</b>       | <b>4</b>       | <b>1855</b>    |
| <b>Percentage</b> | <b>5.71%</b>   | <b>0.43%</b>   | <b>87.28%</b>  | <b>1.83%</b>   | <b>4.53%</b>    | <b>0.22%</b>   |                |
| <b>AM Peak</b>    | <b>8:00 AM</b> | <b>8:45 AM</b> | <b>7:45 AM</b> | <b>7:15 AM</b> | <b>11:00 AM</b> | <b>2:45 AM</b> | <b>7:45 AM</b> |
| <b>Volume</b>     | <b>25</b>      | <b>3</b>       | <b>352</b>     | <b>15</b>      | <b>22</b>       | <b>1</b>       | <b>392</b>     |

|                   |                |                 |                |                |                 |                 |                |
|-------------------|----------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|
| <b>PM Total</b>   | <b>248</b>     | <b>28</b>       | <b>3815</b>    | <b>49</b>      | <b>46</b>       | <b>4</b>        | <b>4190</b>    |
| <b>Percentage</b> | <b>5.92%</b>   | <b>0.67%</b>    | <b>91.05%</b>  | <b>1.17%</b>   | <b>1.10%</b>    | <b>0.10%</b>    |                |
| <b>PM Peak</b>    | <b>4:45 PM</b> | <b>12:15 PM</b> | <b>4:30 PM</b> | <b>2:45 PM</b> | <b>12:45 PM</b> | <b>12:15 PM</b> | <b>4:45 PM</b> |
| <b>Volume</b>     | <b>56</b>      | <b>5</b>        | <b>533</b>     | <b>15</b>      | <b>13</b>       | <b>2</b>        | <b>589</b>     |

|                   |              |              |               |              |              |              |             |
|-------------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|
| <b>Day Total</b>  | <b>354</b>   | <b>36</b>    | <b>5434</b>   | <b>83</b>    | <b>130</b>   | <b>8</b>     | <b>6045</b> |
| <b>Percentage</b> | <b>5.86%</b> | <b>0.60%</b> | <b>89.89%</b> | <b>1.37%</b> | <b>2.15%</b> | <b>0.13%</b> |             |

Broadway  
west of Trowbridge Street  
City, State: Cambridge, MA  
Client: Kittelson/M. Sanders  
Site Code: 274770.007



PRECISION  
DATA  
INDUSTRIES, LLC  
157 Washington Street, Suite 2  
Hudson, MA 01749  
508-875-0100 datarequests@pdillc.com

PDI File # 240156 ATR C

Direction: EB

Weekly Report

| Day<br>Date      | Tuesday<br>09/10/24 |                | Wednesday<br>09/11/24 |                | Thursday<br>09/12/24 |                |          |          |          |          |          |          |          |          | Week<br>Ave    |                |
|------------------|---------------------|----------------|-----------------------|----------------|----------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|----------------|
|                  | AM                  | PM             | AM                    | PM             | AM                   | PM             | AM       | PM       | AM       | PM       | AM       | PM       | AM       | PM       | AM             | PM             |
| 12:00            | 12                  | 80             | 10                    | 69             | 10                   | 73             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 11             | 74             |
| 12:15            | 3                   | 66             | 5                     | 89             | 7                    | 70             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5              | 75             |
| 12:30            | 2                   | 61             | 7                     | 80             | 8                    | 76             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6              | 72             |
| 12:45            | 4                   | 78             | 2                     | 66             | 2                    | 70             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 71             |
| 1:00             | 3                   | 62             | 4                     | 72             | 6                    | 66             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 67             |
| 1:15             | 3                   | 60             | 2                     | 77             | 2                    | 72             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 70             |
| 1:30             | 2                   | 67             | 0                     | 75             | 4                    | 76             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 73             |
| 1:45             | 2                   | 67             | 2                     | 69             | 2                    | 77             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 71             |
| 2:00             | 0                   | 73             | 4                     | 68             | 2                    | 67             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 69             |
| 2:15             | 2                   | 76             | 0                     | 68             | 3                    | 78             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 74             |
| 2:30             | 0                   | 89             | 2                     | 92             | 3                    | 88             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 90             |
| 2:45             | 1                   | 83             | 1                     | 84             | 1                    | 84             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 84             |
| 3:00             | 0                   | 86             | 3                     | 91             | 2                    | 79             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 85             |
| 3:15             | 1                   | 99             | 0                     | 102            | 3                    | 96             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 99             |
| 3:30             | 3                   | 69             | 1                     | 69             | 1                    | 77             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 72             |
| 3:45             | 5                   | 83             | 5                     | 91             | 1                    | 95             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 90             |
| 4:00             | 0                   | 69             | 3                     | 69             | 1                    | 90             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 76             |
| 4:15             | 2                   | 68             | 3                     | 71             | 1                    | 90             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 76             |
| 4:30             | 5                   | 73             | 4                     | 106            | 6                    | 95             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5              | 91             |
| 4:45             | 8                   | 81             | 7                     | 77             | 7                    | 76             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 7              | 78             |
| 5:00             | 9                   | 107            | 5                     | 92             | 6                    | 85             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 7              | 95             |
| 5:15             | 15                  | 108            | 12                    | 115            | 16                   | 107            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 14             | 110            |
| 5:30             | 17                  | 129            | 31                    | 103            | 24                   | 102            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 24             | 111            |
| 5:45             | 41                  | 98             | 44                    | 106            | 34                   | 87             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 40             | 97             |
| 6:00             | 41                  | 116            | 37                    | 111            | 47                   | 99             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 42             | 109            |
| 6:15             | 49                  | 125            | 39                    | 117            | 47                   | 100            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 45             | 114            |
| 6:30             | 68                  | 90             | 72                    | 99             | 87                   | 79             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 76             | 89             |
| 6:45             | 95                  | 82             | 101                   | 94             | 79                   | 73             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 92             | 83             |
| 7:00             | 97                  | 90             | 98                    | 74             | 98                   | 65             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 98             | 76             |
| 7:15             | 105                 | 72             | 93                    | 63             | 94                   | 86             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 97             | 74             |
| 7:30             | 121                 | 63             | 98                    | 71             | 127                  | 71             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 115            | 68             |
| 7:45             | 109                 | 51             | 108                   | 55             | 120                  | 60             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 112            | 55             |
| 8:00             | 117                 | 66             | 119                   | 59             | 116                  | 45             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 117            | 57             |
| 8:15             | 105                 | 49             | 94                    | 39             | 113                  | 84             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 104            | 57             |
| 8:30             | 108                 | 52             | 109                   | 44             | 114                  | 72             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 110            | 56             |
| 8:45             | 142                 | 35             | 111                   | 50             | 117                  | 58             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 123            | 48             |
| 9:00             | 109                 | 45             | 111                   | 49             | 126                  | 38             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 115            | 44             |
| 9:15             | 103                 | 42             | 122                   | 46             | 112                  | 37             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 112            | 42             |
| 9:30             | 118                 | 29             | 115                   | 41             | 119                  | 31             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 117            | 34             |
| 9:45             | 127                 | 29             | 97                    | 25             | 113                  | 35             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 112            | 30             |
| 10:00            | 98                  | 25             | 116                   | 31             | 87                   | 32             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 100            | 29             |
| 10:15            | 78                  | 25             | 108                   | 32             | 88                   | 38             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 91             | 32             |
| 10:30            | 95                  | 23             | 105                   | 12             | 96                   | 24             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 99             | 20             |
| 10:45            | 104                 | 26             | 78                    | 24             | 105                  | 26             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 96             | 25             |
| 11:00            | 88                  | 32             | 67                    | 12             | 87                   | 15             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 81             | 20             |
| 11:15            | 73                  | 18             | 59                    | 17             | 64                   | 18             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 65             | 18             |
| 11:30            | 63                  | 6              | 69                    | 15             | 66                   | 11             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 66             | 11             |
| 11:45            | 86                  | 9              | 76                    | 11             | 70                   | 10             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 77             | 10             |
| <b>Total</b>     | <b>2439</b>         | <b>3132</b>    | <b>2359</b>           | <b>3192</b>    | <b>2444</b>          | <b>3183</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>2414</b>    | <b>3169</b>    |
| <b>Day Total</b> | <b>5571</b>         |                | <b>5551</b>           |                | <b>5627</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>5583</b>    |                |
| <b>Peak HR</b>   | <b>8:00 AM</b>      | <b>5:30 PM</b> | <b>8:45 AM</b>        | <b>5:30 PM</b> | <b>7:30 AM</b>       | <b>5:15 PM</b> |          |          |          |          |          |          |          |          | <b>8:45 AM</b> | <b>5:30 PM</b> |
| <b>Volume</b>    | <b>472</b>          | <b>468</b>     | <b>459</b>            | <b>437</b>     | <b>476</b>           | <b>395</b>     |          |          |          |          |          |          |          |          | <b>468</b>     | <b>431</b>     |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PRECISION  
 DATA  
 INDUSTRIES, LLC**  
 157 Washington Street, Suite 2  
 Hudson, MA 01749  
 508-875-0100 datarequests@pdillc.com

**PDI File # 240156 ATR C**

**Direction: WB**

**Weekly Report**

| Day<br>Date      | Tuesday<br>09/10/24 |                | Wednesday<br>09/11/24 |                | Thursday<br>09/12/24 |                |          |          |          |          |          |          |          |          | Week<br>Ave    |                |
|------------------|---------------------|----------------|-----------------------|----------------|----------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|----------------|
|                  | AM                  | PM             | AM                    | PM             | AM                   | PM             | AM       | PM       | AM       | PM       | AM       | PM       | AM       | PM       | AM             | PM             |
| 12:00            | 9                   | 67             | 13                    | 80             | 9                    | 99             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 10             | 82             |
| 12:15            | 4                   | 62             | 9                     | 88             | 6                    | 78             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6              | 76             |
| 12:30            | 5                   | 78             | 9                     | 92             | 2                    | 99             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5              | 90             |
| 12:45            | 3                   | 58             | 3                     | 87             | 5                    | 83             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 76             |
| 1:00             | 4                   | 61             | 2                     | 94             | 5                    | 82             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 79             |
| 1:15             | 5                   | 78             | 4                     | 98             | 9                    | 95             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6              | 90             |
| 1:30             | 6                   | 78             | 1                     | 55             | 6                    | 81             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 71             |
| 1:45             | 0                   | 75             | 3                     | 76             | 3                    | 96             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 82             |
| 2:00             | 3                   | 86             | 5                     | 93             | 1                    | 104            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 94             |
| 2:15             | 1                   | 94             | 6                     | 98             | 2                    | 110            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 101            |
| 2:30             | 1                   | 113            | 2                     | 105            | 6                    | 112            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 110            |
| 2:45             | 4                   | 108            | 3                     | 125            | 3                    | 122            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 118            |
| 3:00             | 0                   | 95             | 3                     | 101            | 0                    | 108            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 101            |
| 3:15             | 3                   | 125            | 1                     | 126            | 2                    | 118            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 123            |
| 3:30             | 2                   | 146            | 0                     | 120            | 2                    | 123            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1              | 130            |
| 3:45             | 3                   | 116            | 1                     | 119            | 2                    | 129            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 121            |
| 4:00             | 1                   | 126            | 2                     | 137            | 2                    | 136            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2              | 133            |
| 4:15             | 4                   | 135            | 2                     | 135            | 2                    | 146            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 139            |
| 4:30             | 3                   | 137            | 2                     | 114            | 4                    | 130            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3              | 127            |
| 4:45             | 6                   | 143            | 5                     | 129            | 2                    | 145            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4              | 139            |
| 5:00             | 6                   | 141            | 7                     | 140            | 2                    | 154            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5              | 145            |
| 5:15             | 8                   | 122            | 6                     | 130            | 10                   | 159            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 8              | 137            |
| 5:30             | 20                  | 128            | 18                    | 136            | 18                   | 131            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 19             | 132            |
| 5:45             | 13                  | 141            | 20                    | 126            | 16                   | 138            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 16             | 135            |
| 6:00             | 20                  | 107            | 18                    | 134            | 21                   | 128            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 20             | 123            |
| 6:15             | 24                  | 110            | 30                    | 124            | 28                   | 120            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 27             | 118            |
| 6:30             | 48                  | 128            | 29                    | 111            | 38                   | 94             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 38             | 111            |
| 6:45             | 44                  | 94             | 38                    | 108            | 47                   | 89             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 43             | 97             |
| 7:00             | 56                  | 89             | 61                    | 80             | 48                   | 101            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 55             | 90             |
| 7:15             | 61                  | 84             | 53                    | 75             | 54                   | 92             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 56             | 84             |
| 7:30             | 75                  | 60             | 85                    | 79             | 77                   | 103            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 79             | 81             |
| 7:45             | 95                  | 60             | 83                    | 74             | 88                   | 68             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 89             | 67             |
| 8:00             | 97                  | 58             | 87                    | 71             | 90                   | 60             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 91             | 63             |
| 8:15             | 122                 | 72             | 127                   | 53             | 112                  | 79             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 120            | 68             |
| 8:30             | 131                 | 48             | 119                   | 49             | 102                  | 44             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 117            | 47             |
| 8:45             | 77                  | 51             | 98                    | 40             | 69                   | 49             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 81             | 47             |
| 9:00             | 69                  | 41             | 67                    | 42             | 78                   | 40             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 71             | 41             |
| 9:15             | 63                  | 51             | 64                    | 50             | 65                   | 51             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 64             | 51             |
| 9:30             | 70                  | 39             | 70                    | 37             | 57                   | 46             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 66             | 41             |
| 9:45             | 71                  | 27             | 70                    | 42             | 68                   | 49             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 70             | 39             |
| 10:00            | 67                  | 29             | 64                    | 33             | 70                   | 34             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 67             | 32             |
| 10:15            | 62                  | 22             | 68                    | 30             | 94                   | 39             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 75             | 30             |
| 10:30            | 63                  | 25             | 60                    | 23             | 86                   | 27             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 70             | 25             |
| 10:45            | 62                  | 21             | 67                    | 28             | 85                   | 25             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 71             | 25             |
| 11:00            | 68                  | 20             | 59                    | 23             | 84                   | 24             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 70             | 22             |
| 11:15            | 64                  | 22             | 53                    | 19             | 84                   | 13             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 67             | 18             |
| 11:30            | 66                  | 20             | 58                    | 12             | 77                   | 19             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 67             | 17             |
| 11:45            | 64                  | 10             | 72                    | 19             | 114                  | 18             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 83             | 16             |
| <b>Total</b>     | <b>1753</b>         | <b>3801</b>    | <b>1727</b>           | <b>3960</b>    | <b>1855</b>          | <b>4190</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>1778</b>    | <b>3984</b>    |
| <b>Day Total</b> | <b>5554</b>         |                | <b>5687</b>           |                | <b>6045</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>5762</b>    |                |
| <b>Peak HR</b>   | <b>7:45 AM</b>      | <b>4:15 PM</b> | <b>8:00 AM</b>        | <b>4:45 PM</b> | <b>7:45 AM</b>       | <b>4:45 PM</b> |          |          |          |          |          |          |          |          | <b>7:45 AM</b> | <b>4:45 PM</b> |
| <b>Volume</b>    | <b>445</b>          | <b>556</b>     | <b>431</b>            | <b>535</b>     | <b>392</b>           | <b>589</b>     |          |          |          |          |          |          |          |          | <b>418</b>     | <b>553</b>     |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

**Speed (60-minute)**

| EB             |               |               |               |               |              |              |              |              |              |              |              |              |              |             |             |             |
|----------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14       | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 0             | 3             | 7             | 8             | 2            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 21          | 29.0        | 25.0        |
| 1:00 AM        | 0             | 1             | 2             | 4             | 2            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 11          | 35.0        | 27.5        |
| 2:00 AM        | 0             | 0             | 3             | 1             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 4           | 26.3        | 23.5        |
| 3:00 AM        | 0             | 1             | 7             | 2             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 12          | 28.7        | 23.6        |
| 4:00 AM        | 0             | 1             | 2             | 5             | 7            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 18          | 35.4        | 29.7        |
| 5:00 AM        | 9             | 10            | 24            | 24            | 18           | 3            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 91          | 31.5        | 25.0        |
| 6:00 AM        | 17            | 25            | 47            | 80            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 175         | 28.0        | 22.9        |
| 7:00 AM        | 22            | 38            | 32            | 23            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 116         | 25.0        | 19.5        |
| 8:00 AM        | 10            | 27            | 11            | 1             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 50          | 21.0        | 17.1        |
| 9:00 AM        | 19            | 44            | 37            | 7             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 108         | 22.0        | 18.4        |
| 10:00 AM       | 15            | 47            | 44            | 15            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 121         | 24.0        | 19.1        |
| 11:00 AM       | 16            | 37            | 27            | 15            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 96          | 25.0        | 19.1        |
| 12:00 PM       | 13            | 37            | 31            | 3             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 84          | 22.0        | 18.1        |
| 1:00 PM        | 12            | 42            | 41            | 15            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 110         | 24.0        | 19.6        |
| 2:00 PM        | 22            | 28            | 27            | 5             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 82          | 22.0        | 17.7        |
| 3:00 PM        | 14            | 19            | 10            | 4             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 47          | 23.0        | 17.0        |
| 4:00 PM        | 18            | 20            | 30            | 9             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 78          | 24.0        | 18.8        |
| 5:00 PM        | 12            | 13            | 9             | 1             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 35          | 21.0        | 15.7        |
| 6:00 PM        | 20            | 24            | 24            | 11            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 80          | 24.2        | 18.1        |
| 7:00 PM        | 17            | 33            | 47            | 5             | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 103         | 23.0        | 18.7        |
| 8:00 PM        | 13            | 32            | 51            | 26            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 127         | 26.0        | 20.9        |
| 9:00 PM        | 17            | 25            | 49            | 20            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 113         | 25.2        | 20.2        |
| 10:00 PM       | 8             | 26            | 40            | 22            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 101         | 27.0        | 21.4        |
| 11:00 PM       | 11            | 14            | 15            | 21            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 73          | 30.0        | 22.3        |
| <b>Total</b>   | <b>285</b>    | <b>547</b>    | <b>617</b>    | <b>327</b>    | <b>66</b>    | <b>10</b>    | <b>4</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>1856</b> | <b>26.0</b> | <b>20.1</b> |
| <b>Percent</b> | <b>15.36%</b> | <b>29.47%</b> | <b>33.24%</b> | <b>17.62%</b> | <b>3.56%</b> | <b>0.54%</b> | <b>0.22%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |          |         |         |          |         |         |   |   |   |   |   |   |   |     |         |
|----------------|---------|----------|---------|---------|----------|---------|---------|---|---|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 7:00 AM | 10:00 AM | 6:00 AM | 6:00 AM | 5:00 AM  | 4:00 AM | 5:00 AM |   |   |   |   |   |   |   |     | 6:00 AM |
| <b>Volume</b>  | 22      | 47       | 47      | 80      | 18       | 3       | 3       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 175     |
| <b>PM Peak</b> | 2:00 PM | 1:00 PM  | 8:00 PM | 8:00 PM | 11:00 PM | 7:00 PM |         |   |   |   |   |   |   |   |     | 8:00 PM |
| <b>Volume</b>  | 22      | 42       | 51      | 26      | 11       | 1       | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 127 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 14.0 MPH | Average Speed:   | 20.1 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 20.0 MPH | 10 MPH Pace:     | 16 to 25 MPH | Number of Vehicles > 25 MPH:  | 309    |
| 85th Percentile: | 26.0 MPH | Number in Pace:  | 1187         | Percent of Vehicles > 25 MPH: | 16.6%  |
| 95th Percentile: | 29.0 MPH | Percent in Pace: | 64.0%        |                               |        |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

**Speed (60-minute)**

| WB             |              |               |               |               |              |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 2            | 4             | 5             | 4             | 3            | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 20          | 30.5        | 25.2        |
| 1:00 AM        | 0            | 3             | 3             | 5             | 2            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 14          | 30.1        | 25.5        |
| 2:00 AM        | 0            | 3             | 2             | 2             | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 8           | 28.8        | 22.8        |
| 3:00 AM        | 0            | 2             | 2             | 1             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 7           | 30.1        | 24.4        |
| 4:00 AM        | 0            | 3             | 2             | 5             | 3            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 15          | 30.9        | 26.6        |
| 5:00 AM        | 1            | 4             | 10            | 15            | 12           | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 45          | 32.4        | 27.0        |
| 6:00 AM        | 3            | 12            | 52            | 35            | 16           | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 124         | 30.6        | 25.0        |
| 7:00 AM        | 7            | 61            | 94            | 31            | 15           | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 218         | 28.0        | 22.4        |
| 8:00 AM        | 32           | 105           | 74            | 25            | 8            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 247         | 24.0        | 19.5        |
| 9:00 AM        | 17           | 65            | 87            | 32            | 10           | 5            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 217         | 26.0        | 21.4        |
| 10:00 AM       | 12           | 56            | 84            | 19            | 10           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 184         | 25.0        | 21.0        |
| 11:00 AM       | 15           | 71            | 85            | 22            | 11           | 1            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 207         | 25.0        | 20.8        |
| 12:00 PM       | 12           | 71            | 83            | 19            | 23           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 215         | 27.9        | 21.9        |
| 1:00 PM        | 13           | 81            | 87            | 36            | 13           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 236         | 27.0        | 21.3        |
| 2:00 PM        | 27           | 96            | 110           | 26            | 7            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 273         | 24.0        | 20.4        |
| 3:00 PM        | 39           | 119           | 76            | 11            | 2            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 250         | 22.0        | 18.5        |
| 4:00 PM        | 15           | 142           | 145           | 35            | 20           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 360         | 25.0        | 20.8        |
| 5:00 PM        | 41           | 140           | 70            | 15            | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 272         | 22.0        | 18.3        |
| 6:00 PM        | 16           | 109           | 133           | 36            | 16           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 317         | 25.0        | 21.1        |
| 7:00 PM        | 5            | 65            | 115           | 41            | 19           | 9            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 256         | 27.0        | 22.7        |
| 8:00 PM        | 6            | 40            | 85            | 36            | 19           | 7            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 194         | 29.0        | 23.3        |
| 9:00 PM        | 3            | 30            | 70            | 27            | 15           | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 149         | 28.0        | 23.1        |
| 10:00 PM       | 5            | 11            | 35            | 31            | 14           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 101         | 31.0        | 24.6        |
| 11:00 PM       | 1            | 9             | 25            | 22            | 14           | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 75          | 30.0        | 25.2        |
| <b>Total</b>   | <b>272</b>   | <b>1302</b>   | <b>1534</b>   | <b>531</b>    | <b>258</b>   | <b>91</b>    | <b>13</b>    | <b>2</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>4004</b> | <b>26.0</b> | <b>21.4</b> |
| <b>Percent</b> | <b>6.79%</b> | <b>32.52%</b> | <b>38.31%</b> | <b>13.26%</b> | <b>6.44%</b> | <b>2.27%</b> | <b>0.32%</b> | <b>0.05%</b> | <b>0.02%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |          |         |         |          |         |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|---------|----------|---------|---------|----------|---------|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 7:00 AM | 6:00 AM | 6:00 AM  | 7:00 AM | 1:00 AM | 12:00 AM | 9:00 AM |   |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 32      | 105     | 94      | 35      | 16       | 9       | 1       | 1        | 1       | 0 | 0 | 0 | 0 | 0 | 0   | 247     |
| <b>PM Peak</b> | 5:00 PM | 4:00 PM | 4:00 PM | 7:00 PM | 12:00 PM | 7:00 PM | 7:00 PM |          |         |   |   |   |   |   |     | 4:00 PM |
| <b>Volume</b>  | 41      | 142     | 145     | 41      | 23       | 9       | 2       | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 360 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 16.0 MPH | Average Speed:   | 21.4 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 21.0 MPH | 10 MPH Pace:     | 16 to 25 MPH | Number of Vehicles > 25 MPH:  | 720    |
| 85th Percentile: | 26.0 MPH | Number in Pace:  | 2876         | Percent of Vehicles > 25 MPH: | 18.0%  |
| 95th Percentile: | 32.0 MPH | Percent in Pace: | 71.8%        |                               |        |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Tuesday, September 10, 2024**

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

| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 2            | 7             | 12            | 12            | 5            | 1            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 41          | 30.0        | 25.1        |
| 1:00 AM        | 0            | 4             | 5             | 9             | 4            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 25          | 32.2        | 26.4        |
| 2:00 AM        | 0            | 3             | 5             | 3             | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 12          | 29.0        | 23.0        |
| 3:00 AM        | 0            | 3             | 9             | 3             | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 19          | 30.0        | 23.9        |
| 4:00 AM        | 0            | 4             | 4             | 10            | 10           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 33          | 34.2        | 28.3        |
| 5:00 AM        | 10           | 14            | 34            | 39            | 30           | 5            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 136         | 32.0        | 25.6        |
| 6:00 AM        | 20           | 37            | 99            | 115           | 22           | 5            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 299         | 29.0        | 23.7        |
| 7:00 AM        | 29           | 99            | 126           | 54            | 16           | 9            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 334         | 27.0        | 21.4        |
| 8:00 AM        | 42           | 132           | 85            | 26            | 9            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 297         | 24.0        | 19.1        |
| 9:00 AM        | 36           | 109           | 124           | 39            | 11           | 5            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 325         | 25.0        | 20.4        |
| 10:00 AM       | 27           | 103           | 128           | 34            | 10           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 305         | 25.0        | 20.3        |
| 11:00 AM       | 31           | 108           | 112           | 37            | 12           | 1            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 303         | 25.0        | 20.2        |
| 12:00 PM       | 25           | 108           | 114           | 22            | 23           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 299         | 25.0        | 20.8        |
| 1:00 PM        | 25           | 123           | 128           | 51            | 13           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 346         | 25.0        | 20.8        |
| 2:00 PM        | 49           | 124           | 137           | 31            | 7            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 355         | 24.0        | 19.8        |
| 3:00 PM        | 53           | 138           | 86            | 15            | 2            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 297         | 23.0        | 18.2        |
| 4:00 PM        | 33           | 162           | 175           | 44            | 21           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 438         | 25.0        | 20.5        |
| 5:00 PM        | 53           | 153           | 79            | 16            | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 307         | 22.0        | 18.0        |
| 6:00 PM        | 36           | 133           | 157           | 47            | 17           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 397         | 25.0        | 20.5        |
| 7:00 PM        | 22           | 98            | 162           | 46            | 19           | 10           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 359         | 26.0        | 21.5        |
| 8:00 PM        | 19           | 72            | 136           | 62            | 24           | 7            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 321         | 27.0        | 22.4        |
| 9:00 PM        | 20           | 55            | 119           | 47            | 17           | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 262         | 27.0        | 21.9        |
| 10:00 PM       | 13           | 37            | 75            | 53            | 19           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 202         | 28.0        | 23.0        |
| 11:00 PM       | 12           | 23            | 40            | 43            | 25           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 148         | 30.0        | 23.8        |
| <b>Total</b>   | <b>557</b>   | <b>1849</b>   | <b>2151</b>   | <b>858</b>    | <b>324</b>   | <b>101</b>   | <b>17</b>    | <b>2</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>5860</b> | <b>26.0</b> | <b>21.0</b> |
| <b>Percent</b> | <b>9.51%</b> | <b>31.55%</b> | <b>36.71%</b> | <b>14.64%</b> | <b>5.53%</b> | <b>1.72%</b> | <b>0.29%</b> | <b>0.03%</b> | <b>0.02%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |          |         |          |         |         |          |         |   |   |   |   |   |     |         |
|----------------|---------|---------|----------|---------|----------|---------|---------|----------|---------|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 10:00 AM | 6:00 AM | 5:00 AM  | 7:00 AM | 5:00 AM | 12:00 AM | 9:00 AM |   |   |   |   |   |     | 7:00 AM |
| <b>Volume</b>  | 42      | 132     | 128      | 115     | 30       | 9       | 4       | 1        | 1       | 0 | 0 | 0 | 0 | 0 | 0   | 334     |
| <b>PM Peak</b> | 3:00 PM | 4:00 PM | 4:00 PM  | 8:00 PM | 11:00 PM | 7:00 PM | 7:00 PM |          |         |   |   |   |   |   |     | 4:00 PM |
| <b>Volume</b>  | 53      | 162     | 175      | 62      | 25       | 10      | 2       | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 438 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 16.0 MPH | Average Speed:   | 21.0 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 20.0 MPH | 10 MPH Pace:     | 16 to 25 MPH | Number of Vehicles > 25 MPH:  | 1029   |
| 85th Percentile: | 26.0 MPH | Number in Pace:  | 4063         | Percent of Vehicles > 25 MPH: | 17.6%  |
| 95th Percentile: | 32.0 MPH | Percent in Pace: | 69.3%        |                               |        |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

**Speed (60-minute)**

| EB             |               |               |               |               |              |              |              |              |              |              |              |              |              |             |             |             |
|----------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14       | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 1             | 4             | 10            | 10            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 31          | 31.0        | 24.2        |
| 1:00 AM        | 1             | 0             | 2             | 2             | 2            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 8           | 31.0        | 26.8        |
| 2:00 AM        | 1             | 2             | 5             | 2             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 10          | 26.0        | 21.5        |
| 3:00 AM        | 0             | 2             | 3             | 2             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 9           | 31.2        | 24.4        |
| 4:00 AM        | 3             | 2             | 2             | 9             | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 21          | 31.0        | 24.3        |
| 5:00 AM        | 8             | 9             | 23            | 23            | 19           | 7            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 91          | 32.5        | 25.5        |
| 6:00 AM        | 17            | 20            | 64            | 60            | 18           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 181         | 29.0        | 23.2        |
| 7:00 AM        | 17            | 48            | 40            | 10            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 115         | 23.0        | 18.8        |
| 8:00 AM        | 10            | 18            | 7             | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 35          | 20.0        | 15.6        |
| 9:00 AM        | 13            | 50            | 34            | 11            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 109         | 23.0        | 18.7        |
| 10:00 AM       | 24            | 37            | 22            | 4             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 87          | 22.0        | 16.6        |
| 11:00 AM       | 18            | 34            | 25            | 14            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 91          | 24.5        | 18.7        |
| 12:00 PM       | 25            | 51            | 34            | 11            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 124         | 24.0        | 18.4        |
| 1:00 PM        | 26            | 28            | 42            | 13            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 109         | 23.0        | 18.1        |
| 2:00 PM        | 16            | 30            | 28            | 13            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 91          | 25.0        | 19.5        |
| 3:00 PM        | 13            | 21            | 19            | 2             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 55          | 21.0        | 17.1        |
| 4:00 PM        | 11            | 37            | 30            | 4             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 82          | 22.0        | 18.4        |
| 5:00 PM        | 11            | 15            | 15            | 3             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 44          | 22.0        | 18.1        |
| 6:00 PM        | 11            | 30            | 14            | 6             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 61          | 23.0        | 18.2        |
| 7:00 PM        | 19            | 37            | 48            | 11            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 117         | 23.0        | 18.9        |
| 8:00 PM        | 17            | 36            | 61            | 23            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 137         | 25.0        | 19.8        |
| 9:00 PM        | 11            | 28            | 56            | 31            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 128         | 26.0        | 21.3        |
| 10:00 PM       | 8             | 19            | 34            | 28            | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 95          | 27.9        | 22.2        |
| 11:00 PM       | 7             | 8             | 20            | 20            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 59          | 28.0        | 22.4        |
| <b>Total</b>   | <b>288</b>    | <b>566</b>    | <b>638</b>    | <b>312</b>    | <b>74</b>    | <b>9</b>     | <b>2</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>1890</b> | <b>26.0</b> | <b>20.0</b> |
| <b>Percent</b> | <b>15.24%</b> | <b>29.95%</b> | <b>33.76%</b> | <b>16.51%</b> | <b>3.92%</b> | <b>0.48%</b> | <b>0.11%</b> | <b>0.05%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |          |          |         |         |          |         |         |         |   |   |   |   |   |   |     |         |
|----------------|----------|----------|---------|---------|----------|---------|---------|---------|---|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 10:00 AM | 9:00 AM  | 6:00 AM | 6:00 AM | 5:00 AM  | 5:00 AM | 1:00 AM | 5:00 AM |   |   |   |   |   |   |     | 6:00 AM |
| <b>Volume</b>  | 24       | 50       | 64      | 60      | 19       | 7       | 1       | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 181     |
| <b>PM Peak</b> | 1:00 PM  | 12:00 PM | 8:00 PM | 9:00 PM | 10:00 PM |         |         |         |   |   |   |   |   |   |     | 8:00 PM |
| <b>Volume</b>  | 26       | 51       | 61      | 31      | 6        | 0       | 0       | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 137 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 14.0 MPH | Average Speed:   | 20.0 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 20.0 MPH | 10 MPH Pace:     | 16 to 25 MPH | Number of Vehicles > 25 MPH:  | 306    |
| 85th Percentile: | 26.0 MPH | Number in Pace:  | 1219         | Percent of Vehicles > 25 MPH: | 16.2%  |
| 95th Percentile: | 29.0 MPH | Percent in Pace: | 64.5%        |                               |        |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

**Speed (60-minute)**

| WB             |              |               |               |               |              |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 1            | 2             | 13            | 12            | 5            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 36          | 31.8        | 25.8        |
| 1:00 AM        | 0            | 1             | 4             | 2             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 10          | 31.3        | 26.1        |
| 2:00 AM        | 0            | 3             | 5             | 5             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 14          | 28.1        | 23.6        |
| 3:00 AM        | 0            | 0             | 2             | 2             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 5           | 30.4        | 27.2        |
| 4:00 AM        | 0            | 4             | 4             | 1             | 1            | 1            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 13          | 36.0        | 25.6        |
| 5:00 AM        | 1            | 3             | 15            | 18            | 7            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 47          | 31.0        | 26.0        |
| 6:00 AM        | 0            | 15            | 42            | 25            | 17           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 100         | 31.0        | 24.3        |
| 7:00 AM        | 7            | 64            | 113           | 30            | 17           | 3            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 236         | 26.0        | 21.9        |
| 8:00 AM        | 47           | 123           | 83            | 11            | 5            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 271         | 23.0        | 18.5        |
| 9:00 AM        | 20           | 67            | 80            | 29            | 5            | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 203         | 25.0        | 20.5        |
| 10:00 AM       | 16           | 55            | 60            | 10            | 12           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 153         | 24.0        | 20.4        |
| 11:00 AM       | 4            | 64            | 85            | 33            | 10           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 201         | 26.0        | 21.8        |
| 12:00 PM       | 21           | 105           | 107           | 18            | 14           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 268         | 24.0        | 20.5        |
| 1:00 PM        | 11           | 94            | 104           | 31            | 20           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 265         | 26.0        | 21.5        |
| 2:00 PM        | 24           | 102           | 130           | 31            | 14           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 308         | 25.0        | 21.0        |
| 3:00 PM        | 47           | 101           | 75            | 22            | 12           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 261         | 24.0        | 19.1        |
| 4:00 PM        | 17           | 113           | 136           | 50            | 22           | 12           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 352         | 27.0        | 21.7        |
| 5:00 PM        | 40           | 140           | 114           | 26            | 10           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 336         | 24.0        | 19.5        |
| 6:00 PM        | 22           | 126           | 133           | 48            | 17           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 353         | 26.0        | 21.1        |
| 7:00 PM        | 12           | 69            | 108           | 48            | 29           | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 280         | 30.0        | 23.0        |
| 8:00 PM        | 11           | 28            | 91            | 40            | 15           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 192         | 28.0        | 23.2        |
| 9:00 PM        | 5            | 36            | 59            | 42            | 18           | 6            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 168         | 30.0        | 23.8        |
| 10:00 PM       | 2            | 16            | 38            | 34            | 20           | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 113         | 31.0        | 24.7        |
| 11:00 PM       | 3            | 5             | 16            | 25            | 14           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 66          | 31.0        | 25.9        |
| <b>Total</b>   | <b>311</b>   | <b>1336</b>   | <b>1617</b>   | <b>593</b>    | <b>289</b>   | <b>90</b>    | <b>14</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>4251</b> | <b>27.0</b> | <b>21.4</b> |
| <b>Percent</b> | <b>7.32%</b> | <b>31.43%</b> | <b>38.04%</b> | <b>13.95%</b> | <b>6.80%</b> | <b>2.12%</b> | <b>0.33%</b> | <b>0.02%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |          |         |          |         |         |   |   |   |   |   |   |     |         |
|----------------|---------|---------|---------|----------|---------|----------|---------|---------|---|---|---|---|---|---|-----|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 7:00 AM | 11:00 AM | 6:00 AM | 11:00 AM | 4:00 AM | 9:00 AM |   |   |   |   |   |   |     | 8:00 AM |
| <b>Volume</b>  | 47      | 123     | 113     | 33       | 17      | 4        | 2       | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 271     |
| <b>PM Peak</b> | 3:00 PM | 5:00 PM | 4:00 PM | 4:00 PM  | 7:00 PM | 7:00 PM  | 4:00 PM |         |   |   |   |   |   |   |     | 6:00 PM |
| <b>Volume</b>  | 47      | 140     | 136     | 50       | 29      | 13       | 2       | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 353 |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 16.0 MPH | Average Speed:   | 21.4 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 21.0 MPH | 10 MPH Pace:     | 16 to 25 MPH | Number of Vehicles > 25 MPH:  | 821    |
| 85th Percentile: | 27.0 MPH | Number in Pace:  | 2967         | Percent of Vehicles > 25 MPH: | 19.3%  |
| 95th Percentile: | 32.0 MPH | Percent in Pace: | 69.8%        |                               |        |



**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Wednesday, September 11, 2024**

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

| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 2            | 6             | 23            | 22            | 11           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 67          | 31.0        | 25.0        |
| 1:00 AM        | 1            | 1             | 6             | 4             | 5            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 18          | 31.5        | 26.4        |
| 2:00 AM        | 1            | 5             | 10            | 7             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 24          | 28.0        | 22.7        |
| 3:00 AM        | 0            | 2             | 5             | 4             | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 14          | 32.1        | 25.4        |
| 4:00 AM        | 3            | 6             | 6             | 10            | 6            | 1            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 34          | 31.0        | 24.8        |
| 5:00 AM        | 9            | 12            | 38            | 41            | 26           | 10           | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 138         | 32.0        | 25.7        |
| 6:00 AM        | 17           | 35            | 106           | 85            | 35           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 281         | 29.0        | 23.6        |
| 7:00 AM        | 24           | 112           | 153           | 40            | 17           | 3            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 351         | 25.0        | 20.9        |
| 8:00 AM        | 57           | 141           | 90            | 11            | 5            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 306         | 23.0        | 18.1        |
| 9:00 AM        | 33           | 117           | 114           | 40            | 6            | 1            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 312         | 25.0        | 19.9        |
| 10:00 AM       | 40           | 92            | 82            | 14            | 12           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 240         | 24.0        | 19.0        |
| 11:00 AM       | 22           | 98            | 110           | 47            | 10           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 292         | 26.0        | 20.9        |
| 12:00 PM       | 46           | 156           | 141           | 29            | 17           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 392         | 24.0        | 19.8        |
| 1:00 PM        | 37           | 122           | 146           | 44            | 20           | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 374         | 26.0        | 20.5        |
| 2:00 PM        | 40           | 132           | 158           | 44            | 18           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 399         | 25.0        | 20.6        |
| 3:00 PM        | 60           | 122           | 94            | 24            | 12           | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 316         | 24.0        | 18.7        |
| 4:00 PM        | 28           | 150           | 166           | 54            | 22           | 12           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 434         | 26.0        | 21.1        |
| 5:00 PM        | 51           | 155           | 129           | 29            | 10           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 380         | 24.0        | 19.3        |
| 6:00 PM        | 33           | 156           | 147           | 54            | 17           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 414         | 25.0        | 20.7        |
| 7:00 PM        | 31           | 106           | 156           | 59            | 31           | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 397         | 27.0        | 21.8        |
| 8:00 PM        | 28           | 64            | 152           | 63            | 15           | 6            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 329         | 27.0        | 21.8        |
| 9:00 PM        | 16           | 64            | 115           | 73            | 20           | 6            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 296         | 28.0        | 22.7        |
| 10:00 PM       | 10           | 35            | 72            | 62            | 26           | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 208         | 29.0        | 23.6        |
| 11:00 PM       | 10           | 13            | 36            | 45            | 18           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 125         | 30.0        | 24.3        |
| <b>Total</b>   | <b>599</b>   | <b>1902</b>   | <b>2255</b>   | <b>905</b>    | <b>363</b>   | <b>99</b>    | <b>16</b>    | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>6141</b> | <b>26.0</b> | <b>21.0</b> |
| <b>Percent</b> | <b>9.75%</b> | <b>30.97%</b> | <b>36.72%</b> | <b>14.74%</b> | <b>5.91%</b> | <b>1.61%</b> | <b>0.26%</b> | <b>0.03%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |         |         |         |         |         |         |         |   |   |   |   |   |   |   |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---|---|---|---|---|---|---|---------|
| <b>AM Peak</b> | 8:00 AM | 8:00 AM | 7:00 AM | 6:00 AM | 6:00 AM | 5:00 AM | 4:00 AM | 5:00 AM |   |   |   |   |   |   |   | 7:00 AM |
| <b>Volume</b>  | 57      | 141     | 153     | 85      | 35      | 10      | 2       | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 351     |

|                |         |          |         |         |         |         |         |   |   |   |   |   |   |   |   |         |
|----------------|---------|----------|---------|---------|---------|---------|---------|---|---|---|---|---|---|---|---|---------|
| <b>PM Peak</b> | 3:00 PM | 12:00 PM | 4:00 PM | 9:00 PM | 7:00 PM | 7:00 PM | 4:00 PM |   |   |   |   |   |   |   |   | 4:00 PM |
| <b>Volume</b>  | 60      | 156      | 166     | 73      | 31      | 13      | 2       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 434     |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 16.0 MPH | Average Speed:   | 21.0 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 21.0 MPH | 10 MPH Pace:     | 16 to 25 MPH | Number of Vehicles > 25 MPH:  | 1127   |
| 85th Percentile: | 26.0 MPH | Number in Pace:  | 4186         | Percent of Vehicles > 25 MPH: | 18.4%  |
| 95th Percentile: | 31.0 MPH | Percent in Pace: | 68.2%        |                               |        |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Thursday, September 12, 2024**

**Speed (60-minute)**

| EB             |               |               |               |               |              |              |              |              |              |              |              |              |              |             |             |             |
|----------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14       | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 5             | 5             | 14            | 9             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 34          | 26.1        | 21.6        |
| 1:00 AM        | 5             | 3             | 4             | 4             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 17          | 27.8        | 19.8        |
| 2:00 AM        | 0             | 2             | 3             | 6             | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 13          | 28.4        | 24.7        |
| 3:00 AM        | 2             | 1             | 4             | 1             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 8           | 23.0        | 19.4        |
| 4:00 AM        | 1             | 2             | 4             | 7             | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 17          | 29.6        | 24.8        |
| 5:00 AM        | 7             | 12            | 29            | 22            | 14           | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 88          | 30.0        | 23.8        |
| 6:00 AM        | 11            | 32            | 78            | 43            | 7            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 174         | 27.1        | 22.4        |
| 7:00 AM        | 13            | 58            | 53            | 18            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 145         | 24.0        | 20.1        |
| 8:00 AM        | 19            | 30            | 18            | 2             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 69          | 22.0        | 17.1        |
| 9:00 AM        | 16            | 31            | 37            | 5             | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 90          | 22.7        | 18.4        |
| 10:00 AM       | 26            | 35            | 32            | 14            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 108         | 24.0        | 18.9        |
| 11:00 AM       | 11            | 43            | 35            | 12            | 0            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 103         | 24.0        | 19.7        |
| 12:00 PM       | 12            | 28            | 29            | 6             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 75          | 23.0        | 18.7        |
| 1:00 PM        | 24            | 38            | 30            | 9             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 101         | 24.0        | 17.8        |
| 2:00 PM        | 20            | 31            | 43            | 13            | 4            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 111         | 24.5        | 19.5        |
| 3:00 PM        | 8             | 36            | 17            | 2             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 63          | 22.0        | 17.7        |
| 4:00 PM        | 15            | 22            | 25            | 10            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 72          | 24.0        | 18.7        |
| 5:00 PM        | 17            | 29            | 8             | 1             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 55          | 19.9        | 16.2        |
| 6:00 PM        | 16            | 20            | 15            | 8             | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 59          | 24.0        | 17.7        |
| 7:00 PM        | 22            | 37            | 37            | 18            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 115         | 25.0        | 18.9        |
| 8:00 PM        | 16            | 49            | 55            | 14            | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 137         | 24.0        | 19.7        |
| 9:00 PM        | 11            | 30            | 60            | 19            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 122         | 25.0        | 20.7        |
| 10:00 PM       | 9             | 25            | 50            | 41            | 10           | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 0            | 136         | 28.0        | 23.0        |
| 11:00 PM       | 5             | 11            | 29            | 21            | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 71          | 28.0        | 22.8        |
| <b>Total</b>   | <b>291</b>    | <b>610</b>    | <b>709</b>    | <b>305</b>    | <b>55</b>    | <b>11</b>    | <b>1</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>1983</b> | <b>25.0</b> | <b>20.0</b> |
| <b>Percent</b> | <b>14.67%</b> | <b>30.76%</b> | <b>35.75%</b> | <b>15.38%</b> | <b>2.77%</b> | <b>0.55%</b> | <b>0.05%</b> | <b>0.05%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |          |         |         |          |          |         |         |   |   |   |   |   |         |         |
|----------------|----------|---------|---------|----------|----------|---------|---------|---|---|---|---|---|---------|---------|
| <b>AM Peak</b> | 10:00 AM | 7:00 AM | 6:00 AM | 6:00 AM  | 5:00 AM  | 5:00 AM | 5:00 AM |   |   |   |   |   |         | 6:00 AM |
| <b>Volume</b>  | 26       | 58      | 78      | 43       | 14       | 3       | 1       | 0 | 0 | 0 | 0 | 0 | 0       | 174     |
| <b>PM Peak</b> | 1:00 PM  | 8:00 PM | 9:00 PM | 10:00 PM | 10:00 PM | 7:00 PM |         |   |   |   |   |   | 8:00 PM |         |
| <b>Volume</b>  | 24       | 49      | 60      | 41       | 10       | 1       | 0       | 1 | 0 | 0 | 0 | 0 | 137     |         |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 15.0 MPH | Average Speed:   | 20.0 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 20.0 MPH | 10 MPH Pace:     | 16 to 25 MPH | Number of Vehicles > 25 MPH:  | 268    |
| 85th Percentile: | 25.0 MPH | Number in Pace:  | 1340         | Percent of Vehicles > 25 MPH: | 13.5%  |
| 95th Percentile: | 28.0 MPH | Percent in Pace: | 67.6%        |                               |        |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Thursday, September 12, 2024**

**Speed (60-minute)**

| WB             |              |               |               |               |              |              |              |              |              |              |              |              |              |             |             |             |
|----------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
| 12:00 AM       | 1            | 3             | 7             | 10            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 23          | 28.0        | 24.3        |
| 1:00 AM        | 1            | 1             | 6             | 9             | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 23          | 31.4        | 25.8        |
| 2:00 AM        | 0            | 0             | 3             | 3             | 2            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 10          | 35.3        | 28.9        |
| 3:00 AM        | 0            | 1             | 1             | 0             | 1            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 5           | 38.8        | 30.4        |
| 4:00 AM        | 0            | 0             | 3             | 2             | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 9           | 32.6        | 28.1        |
| 5:00 AM        | 0            | 0             | 14            | 14            | 11           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 40          | 31.0        | 26.9        |
| 6:00 AM        | 2            | 5             | 49            | 46            | 8            | 5            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 115         | 28.0        | 25.0        |
| 7:00 AM        | 4            | 56            | 111           | 28            | 18           | 5            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 223         | 27.0        | 22.5        |
| 8:00 AM        | 28           | 93            | 81            | 13            | 16           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 234         | 24.0        | 19.8        |
| 9:00 AM        | 8            | 86            | 80            | 18            | 17           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 212         | 25.4        | 21.2        |
| 10:00 AM       | 14           | 95            | 105           | 28            | 5            | 4            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 253         | 25.0        | 20.8        |
| 11:00 AM       | 20           | 91            | 111           | 27            | 17           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 274         | 25.1        | 20.9        |
| 12:00 PM       | 29           | 118           | 66            | 13            | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 240         | 23.0        | 19.1        |
| 1:00 PM        | 15           | 109           | 111           | 25            | 13           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 275         | 24.0        | 20.5        |
| 2:00 PM        | 16           | 109           | 151           | 32            | 22           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 336         | 25.0        | 21.2        |
| 3:00 PM        | 38           | 117           | 89            | 23            | 21           | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 290         | 25.0        | 19.8        |
| 4:00 PM        | 39           | 145           | 133           | 28            | 17           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 363         | 24.0        | 19.9        |
| 5:00 PM        | 52           | 147           | 83            | 18            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 304         | 23.0        | 18.2        |
| 6:00 PM        | 26           | 112           | 120           | 26            | 19           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 309         | 25.0        | 20.5        |
| 7:00 PM        | 18           | 95            | 124           | 25            | 18           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 286         | 25.0        | 21.2        |
| 8:00 PM        | 10           | 63            | 80            | 34            | 18           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 213         | 28.0        | 22.2        |
| 9:00 PM        | 4            | 21            | 78            | 42            | 18           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 168         | 28.0        | 23.8        |
| 10:00 PM       | 5            | 10            | 44            | 44            | 10           | 0            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 115         | 28.0        | 24.4        |
| 11:00 PM       | 1            | 3             | 23            | 32            | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 73          | 30.0        | 25.7        |
| <b>Total</b>   | <b>331</b>   | <b>1480</b>   | <b>1673</b>   | <b>540</b>    | <b>290</b>   | <b>71</b>    | <b>6</b>     | <b>1</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>4393</b> | <b>26.0</b> | <b>21.1</b> |
| <b>Percent</b> | <b>7.53%</b> | <b>33.69%</b> | <b>38.08%</b> | <b>12.29%</b> | <b>6.60%</b> | <b>1.62%</b> | <b>0.14%</b> | <b>0.02%</b> | <b>0.02%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |          |         |          |         |          |          |          |         |   |   |   |   |   |     |          |
|----------------|---------|----------|---------|----------|---------|----------|----------|----------|---------|---|---|---|---|---|-----|----------|
| <b>AM Peak</b> | 8:00 AM | 10:00 AM | 7:00 AM | 6:00 AM  | 7:00 AM | 11:00 AM | 3:00 AM  | 10:00 AM | 7:00 AM |   |   |   |   |   |     | 11:00 AM |
| <b>Volume</b>  | 28      | 95       | 111     | 46       | 18      | 8        | 1        | 1        | 1       | 0 | 0 | 0 | 0 | 0 | 0   | 274      |
| <b>PM Peak</b> | 5:00 PM | 5:00 PM  | 2:00 PM | 10:00 PM | 2:00 PM | 8:00 PM  | 10:00 PM |          |         |   |   |   |   |   |     | 4:00 PM  |
| <b>Volume</b>  | 52      | 147      | 151     | 44       | 22      | 8        | 2        | 0        | 0       | 0 | 0 | 0 | 0 | 0 | 363 |          |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 16.0 MPH | Average Speed:   | 21.1 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 20.0 MPH | 10 MPH Pace:     | 15 to 24 MPH | Number of Vehicles > 25 MPH:  | 742    |
| 85th Percentile: | 26.0 MPH | Number in Pace:  | 3153         | Percent of Vehicles > 25 MPH: | 16.9%  |
| 95th Percentile: | 32.0 MPH | Percent in Pace: | 71.8%        |                               |        |

**Broadway**  
**west of Trowbridge Street**  
**City, State: Cambridge, MA**  
**Client: Kittelson/M. Sanders**  
**Site Code: 274770.007**



**PDI File #: 240156 ATR C (speed)**

**Count Date**  
**Thursday, September 12, 2024**

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

| Start Time:    | 1 to 14      | 15 to 19      | 20 to 24      | 25 to 29      | 30 to 34     | 35 to 39     | 40 to 44     | 45 to 49     | 50 to 54     | 55 to 59     | 60 to 64     | 65 to 69     | 70+          | Total       | 85th %ile   | Ave Speed   |
|----------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 12:00 AM       | 6            | 8             | 21            | 19            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 57          | 28.0        | 22.7        |
| 1:00 AM        | 6            | 4             | 10            | 13            | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 40          | 30.0        | 23.3        |
| 2:00 AM        | 0            | 2             | 6             | 9             | 4            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 23          | 31.7        | 26.5        |
| 3:00 AM        | 2            | 2             | 5             | 1             | 1            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 13          | 34.0        | 23.6        |
| 4:00 AM        | 1            | 2             | 7             | 9             | 5            | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 26          | 30.3        | 25.9        |
| 5:00 AM        | 7            | 12            | 43            | 36            | 25           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 128         | 31.0        | 24.8        |
| 6:00 AM        | 13           | 37            | 127           | 89            | 15           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 289         | 28.0        | 23.5        |
| 7:00 AM        | 17           | 114           | 164           | 46            | 21           | 5            | 0            | 0            | 1            | 0            | 0            | 0            | 0            | 368         | 26.0        | 21.6        |
| 8:00 AM        | 47           | 123           | 99            | 15            | 16           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 303         | 23.0        | 19.1        |
| 9:00 AM        | 24           | 117           | 117           | 23            | 18           | 3            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 302         | 24.0        | 20.4        |
| 10:00 AM       | 40           | 130           | 137           | 42            | 6            | 4            | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 361         | 24.0        | 20.2        |
| 11:00 AM       | 31           | 134           | 146           | 39            | 17           | 10           | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 377         | 25.0        | 20.6        |
| 12:00 PM       | 41           | 146           | 95            | 19            | 13           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 315         | 23.0        | 19.0        |
| 1:00 PM        | 39           | 147           | 141           | 34            | 13           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 376         | 24.0        | 19.8        |
| 2:00 PM        | 36           | 140           | 194           | 45            | 26           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 447         | 25.0        | 20.8        |
| 3:00 PM        | 46           | 153           | 106           | 25            | 21           | 1            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 353         | 24.0        | 19.4        |
| 4:00 PM        | 54           | 167           | 158           | 38            | 17           | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 435         | 24.0        | 19.7        |
| 5:00 PM        | 69           | 176           | 91            | 19            | 3            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 359         | 22.0        | 17.9        |
| 6:00 PM        | 42           | 132           | 135           | 34            | 19           | 6            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 368         | 25.0        | 20.1        |
| 7:00 PM        | 40           | 132           | 161           | 43            | 18           | 7            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 401         | 25.0        | 20.5        |
| 8:00 PM        | 26           | 112           | 135           | 48            | 21           | 8            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 350         | 26.0        | 21.2        |
| 9:00 PM        | 15           | 51            | 138           | 61            | 20           | 4            | 1            | 0            | 0            | 0            | 0            | 0            | 0            | 290         | 27.0        | 22.5        |
| 10:00 PM       | 14           | 35            | 94            | 85            | 20           | 0            | 2            | 1            | 0            | 0            | 0            | 0            | 0            | 251         | 28.0        | 23.6        |
| 11:00 PM       | 6            | 14            | 52            | 53            | 17           | 2            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 144         | 29.0        | 24.3        |
| <b>Total</b>   | <b>622</b>   | <b>2090</b>   | <b>2382</b>   | <b>845</b>    | <b>345</b>   | <b>82</b>    | <b>7</b>     | <b>2</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>6376</b> | <b>26.0</b> | <b>20.7</b> |
| <b>Percent</b> | <b>9.76%</b> | <b>32.78%</b> | <b>37.36%</b> | <b>13.25%</b> | <b>5.41%</b> | <b>1.29%</b> | <b>0.11%</b> | <b>0.03%</b> | <b>0.02%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> | <b>0.00%</b> |             |             |             |

|                |         |          |         |         |         |          |         |          |         |   |   |   |   |   |   |          |
|----------------|---------|----------|---------|---------|---------|----------|---------|----------|---------|---|---|---|---|---|---|----------|
| <b>AM Peak</b> | 8:00 AM | 11:00 AM | 7:00 AM | 6:00 AM | 5:00 AM | 11:00 AM | 3:00 AM | 10:00 AM | 7:00 AM |   |   |   |   |   |   | 11:00 AM |
| <b>Volume</b>  | 47      | 134      | 164     | 89      | 25      | 10       | 1       | 1        | 1       | 0 | 0 | 0 | 0 | 0 | 0 | 377      |

|                |         |         |         |          |         |         |          |          |   |   |   |   |   |   |   |         |
|----------------|---------|---------|---------|----------|---------|---------|----------|----------|---|---|---|---|---|---|---|---------|
| <b>PM Peak</b> | 5:00 PM | 5:00 PM | 2:00 PM | 10:00 PM | 2:00 PM | 8:00 PM | 10:00 PM | 10:00 PM |   |   |   |   |   |   |   | 2:00 PM |
| <b>Volume</b>  | 69      | 176     | 194     | 85       | 26      | 8       | 2        | 1        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 447     |

|                  |          |                  |              |                               |        |
|------------------|----------|------------------|--------------|-------------------------------|--------|
| 15th Percentile: | 16.0 MPH | Average Speed:   | 20.7 MPH     | Posted Speed Limit:           | 25 MPH |
| 50th Percentile: | 20.0 MPH | 10 MPH Pace:     | 16 to 25 MPH | Number of Vehicles > 25 MPH:  | 1010   |
| 85th Percentile: | 26.0 MPH | Number in Pace:  | 4478         | Percent of Vehicles > 25 MPH: | 15.8%  |
| 95th Percentile: | 31.0 MPH | Percent in Pace: | 70.2%        |                               |        |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**



Count Date: **Tuesday, September 10, 2024**

Start Time: **7:00 AM**

End Time: **7:00 PM**

Class:

**Cars and Heavy Vehicles (Combined)**

|          | Broadway  |      |        |       | Trowbridge Street |      |        |       | Broadway  |      |        |       | Total |
|----------|-----------|------|--------|-------|-------------------|------|--------|-------|-----------|------|--------|-------|-------|
|          | from East |      |        |       | from South        |      |        |       | from West |      |        |       |       |
|          | Thru      | Left | U-Turn | Total | Right             | Left | U-Turn | Total | Right     | Thru | U-Turn | Total |       |
| 7:00 AM  | 46        | 0    | 0      | 46    | 18                | 9    | 0      | 27    | 0         | 94   | 0      | 94    | 167   |
| 7:15 AM  | 50        | 0    | 0      | 50    | 12                | 11   | 0      | 23    | 0         | 103  | 0      | 103   | 176   |
| 7:30 AM  | 55        | 0    | 0      | 55    | 8                 | 13   | 0      | 21    | 0         | 120  | 0      | 120   | 196   |
| 7:45 AM  | 68        | 0    | 0      | 68    | 24                | 29   | 0      | 53    | 0         | 106  | 0      | 106   | 227   |
| Total    | 219       | 0    | 0      | 219   | 62                | 62   | 0      | 124   | 0         | 423  | 0      | 423   | 766   |
| 8:00 AM  | 66        | 0    | 0      | 66    | 13                | 27   | 0      | 40    | 0         | 105  | 0      | 105   | 211   |
| 8:15 AM  | 84        | 0    | 0      | 84    | 23                | 33   | 0      | 56    | 0         | 93   | 0      | 93    | 233   |
| 8:30 AM  | 93        | 0    | 0      | 93    | 31                | 33   | 0      | 64    | 0         | 102  | 0      | 102   | 259   |
| 8:45 AM  | 49        | 0    | 0      | 49    | 13                | 18   | 0      | 31    | 0         | 121  | 0      | 121   | 201   |
| Total    | 292       | 0    | 0      | 292   | 80                | 111  | 0      | 191   | 0         | 421  | 0      | 421   | 904   |
| 9:00 AM  | 44        | 0    | 0      | 44    | 11                | 21   | 0      | 32    | 0         | 101  | 0      | 101   | 177   |
| 9:15 AM  | 38        | 0    | 0      | 38    | 17                | 22   | 0      | 39    | 0         | 101  | 0      | 101   | 178   |
| 9:30 AM  | 47        | 0    | 0      | 47    | 12                | 17   | 0      | 29    | 0         | 111  | 1      | 112   | 188   |
| 9:45 AM  | 41        | 0    | 0      | 41    | 19                | 25   | 1      | 45    | 0         | 116  | 0      | 116   | 202   |
| Total    | 170       | 0    | 0      | 170   | 59                | 85   | 1      | 145   | 0         | 429  | 1      | 430   | 745   |
| 10:00 AM | 42        | 0    | 0      | 42    | 20                | 24   | 0      | 44    | 0         | 92   | 0      | 92    | 178   |
| 10:15 AM | 41        | 0    | 0      | 41    | 17                | 14   | 0      | 31    | 0         | 72   | 0      | 72    | 144   |
| 10:30 AM | 41        | 0    | 0      | 41    | 22                | 16   | 0      | 38    | 0         | 88   | 0      | 88    | 167   |
| 10:45 AM | 37        | 0    | 0      | 37    | 14                | 21   | 0      | 35    | 0         | 100  | 0      | 100   | 172   |
| Total    | 161       | 0    | 0      | 161   | 73                | 75   | 0      | 148   | 0         | 352  | 0      | 352   | 661   |
| 11:00 AM | 37        | 0    | 0      | 37    | 8                 | 26   | 0      | 34    | 0         | 82   | 0      | 82    | 153   |
| 11:15 AM | 36        | 0    | 0      | 36    | 14                | 25   | 0      | 39    | 0         | 69   | 0      | 69    | 144   |
| 11:30 AM | 42        | 0    | 0      | 42    | 18                | 21   | 0      | 39    | 0         | 62   | 0      | 62    | 143   |
| 11:45 AM | 43        | 0    | 0      | 43    | 19                | 14   | 0      | 33    | 0         | 80   | 0      | 80    | 156   |
| Total    | 158       | 0    | 0      | 158   | 59                | 86   | 0      | 145   | 0         | 293  | 0      | 293   | 596   |
| 12:00 PM | 50        | 0    | 0      | 50    | 18                | 11   | 0      | 29    | 0         | 80   | 0      | 80    | 159   |
| 12:15 PM | 44        | 0    | 0      | 44    | 23                | 14   | 0      | 37    | 0         | 62   | 0      | 62    | 143   |
| 12:30 PM | 50        | 0    | 0      | 50    | 14                | 24   | 0      | 38    | 0         | 54   | 0      | 54    | 142   |
| 12:45 PM | 34        | 0    | 0      | 34    | 14                | 18   | 0      | 32    | 0         | 69   | 0      | 69    | 135   |
| Total    | 178       | 0    | 0      | 178   | 69                | 67   | 0      | 136   | 0         | 265  | 0      | 265   | 579   |
| 1:00 PM  | 40        | 0    | 0      | 40    | 16                | 20   | 0      | 36    | 0         | 61   | 0      | 61    | 137   |
| 1:15 PM  | 56        | 0    | 0      | 56    | 17                | 21   | 0      | 38    | 0         | 58   | 0      | 58    | 152   |
| 1:30 PM  | 59        | 0    | 0      | 59    | 18                | 18   | 0      | 36    | 0         | 66   | 0      | 66    | 161   |
| 1:45 PM  | 54        | 0    | 0      | 54    | 11                | 18   | 0      | 29    | 0         | 65   | 0      | 65    | 148   |
| Total    | 209       | 0    | 0      | 209   | 62                | 77   | 0      | 139   | 0         | 250  | 0      | 250   | 598   |
| 2:00 PM  | 59        | 0    | 0      | 59    | 25                | 22   | 0      | 47    | 0         | 64   | 0      | 64    | 170   |
| 2:15 PM  | 67        | 0    | 0      | 67    | 20                | 19   | 0      | 39    | 0         | 69   | 0      | 69    | 175   |
| 2:30 PM  | 86        | 0    | 0      | 86    | 17                | 17   | 0      | 34    | 0         | 83   | 0      | 83    | 203   |
| 2:45 PM  | 88        | 0    | 0      | 88    | 18                | 16   | 0      | 34    | 0         | 80   | 0      | 80    | 202   |
| Total    | 300       | 0    | 0      | 300   | 80                | 74   | 0      | 154   | 0         | 296  | 0      | 296   | 750   |
| 3:00 PM  | 76        | 0    | 0      | 76    | 23                | 17   | 0      | 40    | 0         | 83   | 0      | 83    | 199   |
| 3:15 PM  | 91        | 0    | 1      | 92    | 20                | 30   | 0      | 50    | 1         | 96   | 0      | 97    | 239   |
| 3:30 PM  | 116       | 0    | 2      | 118   | 16                | 25   | 0      | 41    | 0         | 65   | 0      | 65    | 224   |
| 3:45 PM  | 91        | 0    | 0      | 91    | 20                | 24   | 0      | 44    | 0         | 78   | 0      | 78    | 213   |
| Total    | 374       | 0    | 3      | 377   | 79                | 96   | 0      | 175   | 1         | 322  | 0      | 323   | 875   |
| 4:00 PM  | 103       | 0    | 0      | 103   | 17                | 24   | 0      | 41    | 0         | 66   | 0      | 66    | 210   |
| 4:15 PM  | 104       | 0    | 0      | 104   | 24                | 20   | 0      | 44    | 0         | 69   | 0      | 69    | 217   |
| 4:30 PM  | 104       | 0    | 0      | 104   | 14                | 26   | 0      | 40    | 0         | 66   | 0      | 66    | 210   |
| 4:45 PM  | 113       | 0    | 0      | 113   | 12                | 25   | 0      | 37    | 0         | 82   | 0      | 82    | 232   |
| Total    | 424       | 0    | 0      | 424   | 67                | 95   | 0      | 162   | 0         | 283  | 0      | 283   | 869   |
| 5:00 PM  | 103       | 0    | 0      | 103   | 20                | 32   | 0      | 52    | 0         | 101  | 0      | 101   | 256   |
| 5:15 PM  | 98        | 0    | 0      | 98    | 21                | 15   | 0      | 36    | 1         | 103  | 0      | 104   | 238   |
| 5:30 PM  | 90        | 0    | 0      | 90    | 19                | 26   | 0      | 45    | 0         | 118  | 0      | 118   | 253   |
| 5:45 PM  | 109       | 0    | 0      | 109   | 22                | 27   | 0      | 49    | 0         | 92   | 0      | 92    | 250   |
| Total    | 400       | 0    | 0      | 400   | 82                | 100  | 0      | 182   | 1         | 414  | 0      | 415   | 997   |
| 6:00 PM  | 75        | 0    | 0      | 75    | 15                | 20   | 0      | 35    | 0         | 106  | 0      | 106   | 216   |
| 6:15 PM  | 79        | 0    | 0      | 79    | 18                | 20   | 0      | 38    | 0         | 117  | 0      | 117   | 234   |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                   | Broadway   |          |          |            | Trowbridge Street |           |          |            | Broadway  |            |          |            | Total      |
|-------------------|------------|----------|----------|------------|-------------------|-----------|----------|------------|-----------|------------|----------|------------|------------|
|                   | from East  |          |          |            | from South        |           |          |            | from West |            |          |            |            |
|                   | Thru       | Left     | U-Turn   | Total      | Right             | Left      | U-Turn   | Total      | Right     | Thru       | U-Turn   | Total      |            |
| 6:30 PM           | 94         | 0        | 0        | 94         | 20                | 23        | 0        | 43         | 0         | 83         | 0        | 83         | 220        |
| 6:45 PM           | 78         | 0        | 0        | 78         | 13                | 12        | 0        | 25         | 0         | 74         | 0        | 74         | 177        |
| <b>Total</b>      | <b>326</b> | <b>0</b> | <b>0</b> | <b>326</b> | <b>66</b>         | <b>75</b> | <b>0</b> | <b>141</b> | <b>0</b>  | <b>380</b> | <b>0</b> | <b>380</b> | <b>847</b> |
| Grand Total       | 3211       | 0        | 3        | 3214       | 838               | 1003      | 1        | 1842       | 2         | 4128       | 1        | 4131       | 9187       |
| Approach %        | 99.9       | 0.0      | 0.1      |            | 45.5              | 54.5      | 0.1      |            | 0.0       | 99.9       | 0.0      |            |            |
| Total %           | 35.0       | 0.0      | 0.0      | 35.0       | 9.1               | 10.9      | 0.0      | 20.1       | 0.0       | 44.9       | 0.0      | 45.0       |            |
| Exiting Leg Total |            |          |          | 4969       |                   |           |          | 3          |           |            |          | 4215       | 9187       |
| Cars              | 3082       | 0        | 3        | 3085       | 799               | 965       | 0        | 1764       | 2         | 3962       | 1        | 3965       | 8814       |
| % Cars            | 96.0       | 0.0      | 100.0    | 96.0       | 95.3              | 96.2      | 0.0      | 95.8       | 100.0     | 96.0       | 100.0    | 96.0       | 95.9       |
| Exiting Leg Total |            |          |          | 4764       |                   |           |          | 2          |           |            |          | 4048       | 8814       |
| Heavy Vehicles    | 129        | 0        | 0        | 129        | 39                | 38        | 1        | 78         | 0         | 166        | 0        | 166        | 373        |
| % Heavy Vehicles  | 4.0        | 0.0      | 0.0      | 4.0        | 4.7               | 3.8       | 100.0    | 4.2        | 0.0       | 4.0        | 0.0      | 4.0        | 4.1        |
| Exiting Leg Total |            |          |          | 205        |                   |           |          | 1          |           |            |          | 167        | 373        |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                    | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       | Total |
|--------------------|-----------|-------|--------|-------|-------------------|-------|--------|-------|-----------|-------|--------|-------|-------|
|                    | from East |       |        |       | from South        |       |        |       | from West |       |        |       |       |
|                    | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total |       |
| 7:45 AM            | 68        | 0     | 0      | 68    | 24                | 29    | 0      | 53    | 0         | 106   | 0      | 106   | 227   |
| 8:00 AM            | 66        | 0     | 0      | 66    | 13                | 27    | 0      | 40    | 0         | 105   | 0      | 105   | 211   |
| 8:15 AM            | 84        | 0     | 0      | 84    | 23                | 33    | 0      | 56    | 0         | 93    | 0      | 93    | 233   |
| 8:30 AM            | 93        | 0     | 0      | 93    | 31                | 33    | 0      | 64    | 0         | 102   | 0      | 102   | 259   |
| Total Volume       | 311       | 0     | 0      | 311   | 91                | 122   | 0      | 213   | 0         | 406   | 0      | 406   | 930   |
| % Approach Total   | 100.0     | 0.0   | 0.0    |       | 42.7              | 57.3  | 0.0    |       | 0.0       | 100.0 | 0.0    |       |       |
| PHF                | 0.836     | 0.000 | 0.000  | 0.836 | 0.734             | 0.924 | 0.000  | 0.832 | 0.000     | 0.958 | 0.000  | 0.958 | 0.898 |
| Cars               | 294       | 0     | 0      | 294   | 89                | 119   | 0      | 208   | 0         | 392   | 0      | 392   | 894   |
| Cars %             | 94.5      | 0.0   | 0.0    | 94.5  | 97.8              | 97.5  | 0.0    | 97.7  | 0.0       | 96.6  | 0.0    | 96.6  | 96.1  |
| Heavy Vehicles     | 17        | 0     | 0      | 17    | 2                 | 3     | 0      | 5     | 0         | 14    | 0      | 14    | 36    |
| Heavy Vehicles %   | 5.5       | 0.0   | 0.0    | 5.5   | 2.2               | 2.5   | 0.0    | 2.3   | 0.0       | 3.4   | 0.0    | 3.4   | 3.9   |
| Cars Enter Leg     | 294       | 0     | 0      | 294   | 89                | 119   | 0      | 208   | 0         | 392   | 0      | 392   | 894   |
| Heavy Enter Leg    | 17        | 0     | 0      | 17    | 2                 | 3     | 0      | 5     | 0         | 14    | 0      | 14    | 36    |
| Total Entering Leg | 311       | 0     | 0      | 311   | 91                | 122   | 0      | 213   | 0         | 406   | 0      | 406   | 930   |
| Cars Exiting Leg   |           |       |        | 481   |                   |       |        | 0     |           |       |        | 413   | 894   |
| Heavy Exiting Leg  |           |       |        | 16    |                   |       |        | 0     |           |       |        | 20    | 36    |
| Total Exiting Leg  |           |       |        | 497   |                   |       |        | 0     |           |       |        | 433   | 930   |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                    | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       | Total |
|--------------------|-----------|-------|--------|-------|-------------------|-------|--------|-------|-----------|-------|--------|-------|-------|
|                    | from East |       |        |       | from South        |       |        |       | from West |       |        |       |       |
|                    | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total |       |
| 1:45 PM            | 54        | 0     | 0      | 54    | 11                | 18    | 0      | 29    | 0         | 65    | 0      | 65    | 148   |
| 2:00 PM            | 59        | 0     | 0      | 59    | 25                | 22    | 0      | 47    | 0         | 64    | 0      | 64    | 170   |
| 2:15 PM            | 67        | 0     | 0      | 67    | 20                | 19    | 0      | 39    | 0         | 69    | 0      | 69    | 175   |
| 2:30 PM            | 86        | 0     | 0      | 86    | 17                | 17    | 0      | 34    | 0         | 83    | 0      | 83    | 203   |
| Total Volume       | 266       | 0     | 0      | 266   | 73                | 76    | 0      | 149   | 0         | 281   | 0      | 281   | 696   |
| % Approach Total   | 100.0     | 0.0   | 0.0    |       | 49.0              | 51.0  | 0.0    |       | 0.0       | 100.0 | 0.0    |       |       |
| PHF                | 0.773     | 0.000 | 0.000  | 0.773 | 0.730             | 0.864 | 0.000  | 0.793 | 0.000     | 0.846 | 0.000  | 0.846 | 0.857 |
| Cars               | 253       | 0     | 0      | 253   | 68                | 70    | 0      | 138   | 0         | 266   | 0      | 266   | 657   |
| Cars %             | 95.1      | 0.0   | 0.0    | 95.1  | 93.2              | 92.1  | 0.0    | 92.6  | 0.0       | 94.7  | 0.0    | 94.7  | 94.4  |
| Heavy Vehicles     | 13        | 0     | 0      | 13    | 5                 | 6     | 0      | 11    | 0         | 15    | 0      | 15    | 39    |
| Heavy Vehicles %   | 4.9       | 0.0   | 0.0    | 4.9   | 6.8               | 7.9   | 0.0    | 7.4   | 0.0       | 5.3   | 0.0    | 5.3   | 5.6   |
| Cars Enter Leg     | 253       | 0     | 0      | 253   | 68                | 70    | 0      | 138   | 0         | 266   | 0      | 266   | 657   |
| Heavy Enter Leg    | 13        | 0     | 0      | 13    | 5                 | 6     | 0      | 11    | 0         | 15    | 0      | 15    | 39    |
| Total Entering Leg | 266       | 0     | 0      | 266   | 73                | 76    | 0      | 149   | 0         | 281   | 0      | 281   | 696   |
| Cars Exiting Leg   |           |       |        | 334   |                   |       |        | 0     |           |       |        | 323   | 657   |
| Heavy Exiting Leg  |           |       |        | 20    |                   |       |        | 0     |           |       |        | 19    | 39    |
| Total Exiting Leg  |           |       |        | 354   |                   |       |        | 0     |           |       |        | 342   | 696   |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                    | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       | Total |
|--------------------|-----------|-------|--------|-------|-------------------|-------|--------|-------|-----------|-------|--------|-------|-------|
|                    | from East |       |        |       | from South        |       |        |       | from West |       |        |       |       |
|                    | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total |       |
| 5:00 PM            | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       |       |
|                    | from East |       |        |       | from South        |       |        |       | from West |       |        |       |       |
|                    | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total | Total |
| 5:00 PM            | 103       | 0     | 0      | 103   | 20                | 32    | 0      | 52    | 0         | 101   | 0      | 101   | 256   |
| 5:15 PM            | 98        | 0     | 0      | 98    | 21                | 15    | 0      | 36    | 1         | 103   | 0      | 104   | 238   |
| 5:30 PM            | 90        | 0     | 0      | 90    | 19                | 26    | 0      | 45    | 0         | 118   | 0      | 118   | 253   |
| 5:45 PM            | 109       | 0     | 0      | 109   | 22                | 27    | 0      | 49    | 0         | 92    | 0      | 92    | 250   |
| Total Volume       | 400       | 0     | 0      | 400   | 82                | 100   | 0      | 182   | 1         | 414   | 0      | 415   | 997   |
| % Approach Total   | 100.0     | 0.0   | 0.0    |       | 45.1              | 54.9  | 0.0    |       | 0.2       | 99.8  | 0.0    |       |       |
| PHF                | 0.917     | 0.000 | 0.000  | 0.917 | 0.932             | 0.781 | 0.000  | 0.875 | 0.250     | 0.877 | 0.000  | 0.879 | 0.974 |
| Cars               | 395       | 0     | 0      | 395   | 78                | 100   | 0      | 178   | 1         | 407   | 0      | 408   | 981   |
| Cars %             | 98.8      | 0.0   | 0.0    | 98.8  | 95.1              | 100.0 | 0.0    | 97.8  | 100.0     | 98.3  | 0.0    | 98.3  | 98.4  |
| Heavy Vehicles     | 5         | 0     | 0      | 5     | 4                 | 0     | 0      | 4     | 0         | 7     | 0      | 7     | 16    |
| Heavy Vehicles %   | 1.3       | 0.0   | 0.0    | 1.3   | 4.9               | 0.0   | 0.0    | 2.2   | 0.0       | 1.7   | 0.0    | 1.7   | 1.6   |
| Cars Enter Leg     | 395       | 0     | 0      | 395   | 78                | 100   | 0      | 178   | 1         | 407   | 0      | 408   | 981   |
| Heavy Enter Leg    | 5         | 0     | 0      | 5     | 4                 | 0     | 0      | 4     | 0         | 7     | 0      | 7     | 16    |
| Total Entering Leg | 400       | 0     | 0      | 400   | 82                | 100   | 0      | 182   | 1         | 414   | 0      | 415   | 997   |
| Cars Exiting Leg   |           |       |        | 485   |                   |       |        | 1     |           |       |        | 495   | 981   |
| Heavy Exiting Leg  |           |       |        | 11    |                   |       |        | 0     |           |       |        | 5     | 16    |
| Total Exiting Leg  |           |       |        | 496   |                   |       |        | 1     |           |       |        | 500   | 997   |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars**

|          | Broadway  |      |        |       | Trowbridge Street |      |        |       | Broadway  |      |        |       | Total |
|----------|-----------|------|--------|-------|-------------------|------|--------|-------|-----------|------|--------|-------|-------|
|          | from East |      |        |       | from South        |      |        |       | from West |      |        |       |       |
|          | Thru      | Left | U-Turn | Total | Right             | Left | U-Turn | Total | Right     | Thru | U-Turn | Total |       |
| 7:00 AM  | 44        | 0    | 0      | 44    | 18                | 9    | 0      | 27    | 0         | 88   | 0      | 88    | 159   |
| 7:15 AM  | 45        | 0    | 0      | 45    | 12                | 10   | 0      | 22    | 0         | 98   | 0      | 98    | 165   |
| 7:30 AM  | 50        | 0    | 0      | 50    | 8                 | 13   | 0      | 21    | 0         | 110  | 0      | 110   | 181   |
| 7:45 AM  | 62        | 0    | 0      | 62    | 24                | 27   | 0      | 51    | 0         | 100  | 0      | 100   | 213   |
| Total    | 201       | 0    | 0      | 201   | 62                | 59   | 0      | 121   | 0         | 396  | 0      | 396   | 718   |
| 8:00 AM  | 62        | 0    | 0      | 62    | 12                | 27   | 0      | 39    | 0         | 101  | 0      | 101   | 202   |
| 8:15 AM  | 81        | 0    | 0      | 81    | 22                | 32   | 0      | 54    | 0         | 90   | 0      | 90    | 225   |
| 8:30 AM  | 89        | 0    | 0      | 89    | 31                | 33   | 0      | 64    | 0         | 101  | 0      | 101   | 254   |
| 8:45 AM  | 48        | 0    | 0      | 48    | 13                | 15   | 0      | 28    | 0         | 117  | 0      | 117   | 193   |
| Total    | 280       | 0    | 0      | 280   | 78                | 107  | 0      | 185   | 0         | 409  | 0      | 409   | 874   |
| 9:00 AM  | 43        | 0    | 0      | 43    | 11                | 20   | 0      | 31    | 0         | 98   | 0      | 98    | 172   |
| 9:15 AM  | 37        | 0    | 0      | 37    | 16                | 21   | 0      | 37    | 0         | 94   | 0      | 94    | 168   |
| 9:30 AM  | 44        | 0    | 0      | 44    | 11                | 16   | 0      | 27    | 0         | 107  | 1      | 108   | 179   |
| 9:45 AM  | 39        | 0    | 0      | 39    | 18                | 24   | 0      | 42    | 0         | 110  | 0      | 110   | 191   |
| Total    | 163       | 0    | 0      | 163   | 56                | 81   | 0      | 137   | 0         | 409  | 1      | 410   | 710   |
| 10:00 AM | 39        | 0    | 0      | 39    | 20                | 22   | 0      | 42    | 0         | 85   | 0      | 85    | 166   |
| 10:15 AM | 36        | 0    | 0      | 36    | 15                | 13   | 0      | 28    | 0         | 71   | 0      | 71    | 135   |
| 10:30 AM | 38        | 0    | 0      | 38    | 20                | 16   | 0      | 36    | 0         | 87   | 0      | 87    | 161   |
| 10:45 AM | 35        | 0    | 0      | 35    | 12                | 20   | 0      | 32    | 0         | 96   | 0      | 96    | 163   |
| Total    | 148       | 0    | 0      | 148   | 67                | 71   | 0      | 138   | 0         | 339  | 0      | 339   | 625   |
| 11:00 AM | 35        | 0    | 0      | 35    | 7                 | 26   | 0      | 33    | 0         | 78   | 0      | 78    | 146   |
| 11:15 AM | 34        | 0    | 0      | 34    | 14                | 22   | 0      | 36    | 0         | 59   | 0      | 59    | 129   |
| 11:30 AM | 36        | 0    | 0      | 36    | 18                | 20   | 0      | 38    | 0         | 55   | 0      | 55    | 129   |
| 11:45 AM | 42        | 0    | 0      | 42    | 18                | 14   | 0      | 32    | 0         | 73   | 0      | 73    | 147   |
| Total    | 147       | 0    | 0      | 147   | 57                | 82   | 0      | 139   | 0         | 265  | 0      | 265   | 551   |
| 12:00 PM | 47        | 0    | 0      | 47    | 16                | 10   | 0      | 26    | 0         | 77   | 0      | 77    | 150   |
| 12:15 PM | 41        | 0    | 0      | 41    | 21                | 14   | 0      | 35    | 0         | 57   | 0      | 57    | 133   |
| 12:30 PM | 46        | 0    | 0      | 46    | 13                | 23   | 0      | 36    | 0         | 54   | 0      | 54    | 136   |
| 12:45 PM | 31        | 0    | 0      | 31    | 12                | 18   | 0      | 30    | 0         | 67   | 0      | 67    | 128   |
| Total    | 165       | 0    | 0      | 165   | 62                | 65   | 0      | 127   | 0         | 255  | 0      | 255   | 547   |
| 1:00 PM  | 39        | 0    | 0      | 39    | 15                | 20   | 0      | 35    | 0         | 57   | 0      | 57    | 131   |
| 1:15 PM  | 54        | 0    | 0      | 54    | 15                | 19   | 0      | 34    | 0         | 52   | 0      | 52    | 140   |
| 1:30 PM  | 57        | 0    | 0      | 57    | 18                | 17   | 0      | 35    | 0         | 62   | 0      | 62    | 154   |
| 1:45 PM  | 53        | 0    | 0      | 53    | 11                | 17   | 0      | 28    | 0         | 60   | 0      | 60    | 141   |
| Total    | 203       | 0    | 0      | 203   | 59                | 73   | 0      | 132   | 0         | 231  | 0      | 231   | 566   |
| 2:00 PM  | 57        | 0    | 0      | 57    | 22                | 21   | 0      | 43    | 0         | 61   | 0      | 61    | 161   |
| 2:15 PM  | 59        | 0    | 0      | 59    | 19                | 16   | 0      | 35    | 0         | 65   | 0      | 65    | 159   |
| 2:30 PM  | 84        | 0    | 0      | 84    | 16                | 16   | 0      | 32    | 0         | 80   | 0      | 80    | 196   |
| 2:45 PM  | 84        | 0    | 0      | 84    | 17                | 16   | 0      | 33    | 0         | 75   | 0      | 75    | 192   |
| Total    | 284       | 0    | 0      | 284   | 74                | 69   | 0      | 143   | 0         | 281  | 0      | 281   | 708   |
| 3:00 PM  | 74        | 0    | 0      | 74    | 23                | 17   | 0      | 40    | 0         | 82   | 0      | 82    | 196   |
| 3:15 PM  | 86        | 0    | 1      | 87    | 20                | 29   | 0      | 49    | 1         | 92   | 0      | 93    | 229   |
| 3:30 PM  | 114       | 0    | 2      | 116   | 16                | 24   | 0      | 40    | 0         | 62   | 0      | 62    | 218   |
| 3:45 PM  | 83        | 0    | 0      | 83    | 19                | 23   | 0      | 42    | 0         | 77   | 0      | 77    | 202   |
| Total    | 357       | 0    | 3      | 360   | 78                | 93   | 0      | 171   | 1         | 313  | 0      | 314   | 845   |
| 4:00 PM  | 100       | 0    | 0      | 100   | 17                | 23   | 0      | 40    | 0         | 66   | 0      | 66    | 206   |
| 4:15 PM  | 101       | 0    | 0      | 101   | 22                | 18   | 0      | 40    | 0         | 65   | 0      | 65    | 206   |
| 4:30 PM  | 104       | 0    | 0      | 104   | 13                | 26   | 0      | 39    | 0         | 66   | 0      | 66    | 209   |
| 4:45 PM  | 112       | 0    | 0      | 112   | 12                | 24   | 0      | 36    | 0         | 81   | 0      | 81    | 229   |
| Total    | 417       | 0    | 0      | 417   | 64                | 91   | 0      | 155   | 0         | 278  | 0      | 278   | 850   |
| 5:00 PM  | 102       | 0    | 0      | 102   | 20                | 32   | 0      | 52    | 0         | 98   | 0      | 98    | 252   |
| 5:15 PM  | 97        | 0    | 0      | 97    | 18                | 15   | 0      | 33    | 1         | 101  | 0      | 102   | 232   |
| 5:30 PM  | 89        | 0    | 0      | 89    | 18                | 26   | 0      | 44    | 0         | 118  | 0      | 118   | 251   |
| 5:45 PM  | 107       | 0    | 0      | 107   | 22                | 27   | 0      | 49    | 0         | 90   | 0      | 90    | 246   |
| Total    | 395       | 0    | 0      | 395   | 78                | 100  | 0      | 178   | 1         | 407  | 0      | 408   | 981   |
| 6:00 PM  | 74        | 0    | 0      | 74    | 14                | 20   | 0      | 34    | 0         | 106  | 0      | 106   | 214   |
| 6:15 PM  | 77        | 0    | 0      | 77    | 17                | 19   | 0      | 36    | 0         | 116  | 0      | 116   | 229   |



PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars**

|                   | Broadway   |          |          |            | Trowbridge Street |           |          |            | Broadway  |            |          |            | Total      |
|-------------------|------------|----------|----------|------------|-------------------|-----------|----------|------------|-----------|------------|----------|------------|------------|
|                   | from East  |          |          |            | from South        |           |          |            | from West |            |          |            |            |
|                   | Thru       | Left     | U-Turn   | Total      | Right             | Left      | U-Turn   | Total      | Right     | Thru       | U-Turn   | Total      |            |
| 6:30 PM           | 94         | 0        | 0        | 94         | 20                | 23        | 0        | 43         | 0         | 83         | 0        | 83         | 220        |
| 6:45 PM           | 77         | 0        | 0        | 77         | 13                | 12        | 0        | 25         | 0         | 74         | 0        | 74         | 176        |
| <b>Total</b>      | <b>322</b> | <b>0</b> | <b>0</b> | <b>322</b> | <b>64</b>         | <b>74</b> | <b>0</b> | <b>138</b> | <b>0</b>  | <b>379</b> | <b>0</b> | <b>379</b> | <b>839</b> |
| Grand Total       | 3082       | 0        | 3        | 3085       | 799               | 965       | 0        | 1764       | 2         | 3962       | 1        | 3965       | 8814       |
| Approach %        | 99.9       | 0.0      | 0.1      |            | 45.3              | 54.7      | 0.0      |            | 0.1       | 99.9       | 0.0      |            |            |
| Total %           | 35.0       | 0.0      | 0.0      | 35.0       | 9.1               | 10.9      | 0.0      | 20.0       | 0.0       | 45.0       | 0.0      | 45.0       |            |
| Exiting Leg Total |            |          |          | 4764       |                   |           |          | 2          |           |            |          | 4048       | 8814       |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Broadway  |       |        |            | Trowbridge Street |       |        |            | Broadway  |       |        |            | Total       |
|------------------|-----------|-------|--------|------------|-------------------|-------|--------|------------|-----------|-------|--------|------------|-------------|
|                  | from East |       |        |            | from South        |       |        |            | from West |       |        |            |             |
|                  | Thru      | Left  | U-Turn | Total      | Right             | Left  | U-Turn | Total      | Right     | Thru  | U-Turn | Total      |             |
| 7:45 AM          | 62        | 0     | 0      | 62         | 24                | 27    | 0      | 51         | 0         | 100   | 0      | 100        | 213         |
| 8:00 AM          | 62        | 0     | 0      | 62         | 12                | 27    | 0      | 39         | 0         | 101   | 0      | 101        | 202         |
| 8:15 AM          | 81        | 0     | 0      | 81         | 22                | 32    | 0      | 54         | 0         | 90    | 0      | 90         | 225         |
| 8:30 AM          | 89        | 0     | 0      | 89         | 31                | 33    | 0      | 64         | 0         | 101   | 0      | 101        | 254         |
| Total Volume     | 294       | 0     | 0      | 294        | 89                | 119   | 0      | 208        | 0         | 392   | 0      | 392        | 894         |
| % Approach Total | 100.0     | 0.0   | 0.0    |            | 42.8              | 57.2  | 0.0    |            | 0.0       | 100.0 | 0.0    |            |             |
| PHF              | 0.826     | 0.000 | 0.000  | 0.826      | 0.718             | 0.902 | 0.000  | 0.813      | 0.000     | 0.970 | 0.000  | 0.970      | 0.880       |
| Entering Leg     | 294       | 0     | 0      | 294        | 89                | 119   | 0      | 208        | 0         | 392   | 0      | 392        | 894         |
| Exiting Leg      |           |       |        | 481        |                   |       |        | 0          |           |       |        | 413        | 894         |
| <b>Total</b>     |           |       |        | <b>775</b> |                   |       |        | <b>208</b> |           |       |        | <b>805</b> | <b>1788</b> |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Broadway  |       |        |            | Trowbridge Street |       |        |            | Broadway  |       |        |            | Total       |
|------------------|-----------|-------|--------|------------|-------------------|-------|--------|------------|-----------|-------|--------|------------|-------------|
|                  | from East |       |        |            | from South        |       |        |            | from West |       |        |            |             |
|                  | Thru      | Left  | U-Turn | Total      | Right             | Left  | U-Turn | Total      | Right     | Thru  | U-Turn | Total      |             |
| 1:45 PM          | 53        | 0     | 0      | 53         | 11                | 17    | 0      | 28         | 0         | 60    | 0      | 60         | 141         |
| 2:00 PM          | 57        | 0     | 0      | 57         | 22                | 21    | 0      | 43         | 0         | 61    | 0      | 61         | 161         |
| 2:15 PM          | 59        | 0     | 0      | 59         | 19                | 16    | 0      | 35         | 0         | 65    | 0      | 65         | 159         |
| 2:30 PM          | 84        | 0     | 0      | 84         | 16                | 16    | 0      | 32         | 0         | 80    | 0      | 80         | 196         |
| Total Volume     | 253       | 0     | 0      | 253        | 68                | 70    | 0      | 138        | 0         | 266   | 0      | 266        | 657         |
| % Approach Total | 100.0     | 0.0   | 0.0    |            | 49.3              | 50.7  | 0.0    |            | 0.0       | 100.0 | 0.0    |            |             |
| PHF              | 0.753     | 0.000 | 0.000  | 0.753      | 0.773             | 0.833 | 0.000  | 0.802      | 0.000     | 0.831 | 0.000  | 0.831      | 0.838       |
| Entering Leg     | 253       | 0     | 0      | 253        | 68                | 70    | 0      | 138        | 0         | 266   | 0      | 266        | 657         |
| Exiting Leg      |           |       |        | 334        |                   |       |        | 0          |           |       |        | 323        | 657         |
| <b>Total</b>     |           |       |        | <b>587</b> |                   |       |        | <b>138</b> |           |       |        | <b>589</b> | <b>1314</b> |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Broadway  |       |        |            | Trowbridge Street |       |        |            | Broadway  |       |        |            | Total       |
|------------------|-----------|-------|--------|------------|-------------------|-------|--------|------------|-----------|-------|--------|------------|-------------|
|                  | from East |       |        |            | from South        |       |        |            | from West |       |        |            |             |
|                  | Thru      | Left  | U-Turn | Total      | Right             | Left  | U-Turn | Total      | Right     | Thru  | U-Turn | Total      |             |
| 5:00 PM          | 102       | 0     | 0      | 102        | 20                | 32    | 0      | 52         | 0         | 98    | 0      | 98         | 252         |
| 5:15 PM          | 97        | 0     | 0      | 97         | 18                | 15    | 0      | 33         | 1         | 101   | 0      | 102        | 232         |
| 5:30 PM          | 89        | 0     | 0      | 89         | 18                | 26    | 0      | 44         | 0         | 118   | 0      | 118        | 251         |
| 5:45 PM          | 107       | 0     | 0      | 107        | 22                | 27    | 0      | 49         | 0         | 90    | 0      | 90         | 246         |
| Total Volume     | 395       | 0     | 0      | 395        | 78                | 100   | 0      | 178        | 1         | 407   | 0      | 408        | 981         |
| % Approach Total | 100.0     | 0.0   | 0.0    |            | 43.8              | 56.2  | 0.0    |            | 0.2       | 99.8  | 0.0    |            |             |
| PHF              | 0.923     | 0.000 | 0.000  | 0.923      | 0.886             | 0.781 | 0.000  | 0.856      | 0.250     | 0.862 | 0.000  | 0.864      | 0.973       |
| Entering Leg     | 395       | 0     | 0      | 395        | 78                | 100   | 0      | 178        | 1         | 407   | 0      | 408        | 981         |
| Exiting Leg      |           |       |        | 485        |                   |       |        | 1          |           |       |        | 495        | 981         |
| <b>Total</b>     |           |       |        | <b>880</b> |                   |       |        | <b>179</b> |           |       |        | <b>903</b> | <b>1962</b> |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|          | Broadway  |      |        |       | Trowbridge Street |      |        |       | Broadway  |      |        |       | Total |    |
|----------|-----------|------|--------|-------|-------------------|------|--------|-------|-----------|------|--------|-------|-------|----|
|          | from East |      |        |       | from South        |      |        |       | from West |      |        |       |       |    |
|          | Thru      | Left | U-Turn | Total | Right             | Left | U-Turn | Total | Right     | Thru | U-Turn | Total |       |    |
| 7:00 AM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 6      | 0     | 6     | 8  |
| 7:15 AM  | 5         | 0    | 0      | 5     | 0                 | 1    | 0      | 1     | 0         | 0    | 5      | 0     | 5     | 11 |
| 7:30 AM  | 5         | 0    | 0      | 5     | 0                 | 0    | 0      | 0     | 0         | 0    | 10     | 0     | 10    | 15 |
| 7:45 AM  | 6         | 0    | 0      | 6     | 0                 | 2    | 0      | 2     | 0         | 0    | 6      | 0     | 6     | 14 |
| Total    | 18        | 0    | 0      | 18    | 0                 | 3    | 0      | 3     | 0         | 0    | 27     | 0     | 27    | 48 |
| 8:00 AM  | 4         | 0    | 0      | 4     | 1                 | 0    | 0      | 1     | 0         | 0    | 4      | 0     | 4     | 9  |
| 8:15 AM  | 3         | 0    | 0      | 3     | 1                 | 1    | 0      | 2     | 0         | 0    | 3      | 0     | 3     | 8  |
| 8:30 AM  | 4         | 0    | 0      | 4     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 5  |
| 8:45 AM  | 1         | 0    | 0      | 1     | 0                 | 3    | 0      | 3     | 0         | 0    | 4      | 0     | 4     | 8  |
| Total    | 12        | 0    | 0      | 12    | 2                 | 4    | 0      | 6     | 0         | 0    | 12     | 0     | 12    | 30 |
| 9:00 AM  | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 0    | 3      | 0     | 3     | 5  |
| 9:15 AM  | 1         | 0    | 0      | 1     | 1                 | 1    | 0      | 2     | 0         | 0    | 7      | 0     | 7     | 10 |
| 9:30 AM  | 3         | 0    | 0      | 3     | 1                 | 1    | 0      | 2     | 0         | 0    | 4      | 0     | 4     | 9  |
| 9:45 AM  | 2         | 0    | 0      | 2     | 1                 | 1    | 1      | 3     | 0         | 0    | 6      | 0     | 6     | 11 |
| Total    | 7         | 0    | 0      | 7     | 3                 | 4    | 1      | 8     | 0         | 0    | 20     | 0     | 20    | 35 |
| 10:00 AM | 3         | 0    | 0      | 3     | 0                 | 2    | 0      | 2     | 0         | 0    | 7      | 0     | 7     | 12 |
| 10:15 AM | 5         | 0    | 0      | 5     | 2                 | 1    | 0      | 3     | 0         | 0    | 1      | 0     | 1     | 9  |
| 10:30 AM | 3         | 0    | 0      | 3     | 2                 | 0    | 0      | 2     | 0         | 0    | 1      | 0     | 1     | 6  |
| 10:45 AM | 2         | 0    | 0      | 2     | 2                 | 1    | 0      | 3     | 0         | 0    | 4      | 0     | 4     | 9  |
| Total    | 13        | 0    | 0      | 13    | 6                 | 4    | 0      | 10    | 0         | 0    | 13     | 0     | 13    | 36 |
| 11:00 AM | 2         | 0    | 0      | 2     | 1                 | 0    | 0      | 1     | 0         | 0    | 4      | 0     | 4     | 7  |
| 11:15 AM | 2         | 0    | 0      | 2     | 0                 | 3    | 0      | 3     | 0         | 0    | 10     | 0     | 10    | 15 |
| 11:30 AM | 6         | 0    | 0      | 6     | 0                 | 1    | 0      | 1     | 0         | 0    | 7      | 0     | 7     | 14 |
| 11:45 AM | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 7      | 0     | 7     | 9  |
| Total    | 11        | 0    | 0      | 11    | 2                 | 4    | 0      | 6     | 0         | 0    | 28     | 0     | 28    | 45 |
| 12:00 PM | 3         | 0    | 0      | 3     | 2                 | 1    | 0      | 3     | 0         | 0    | 3      | 0     | 3     | 9  |
| 12:15 PM | 3         | 0    | 0      | 3     | 2                 | 0    | 0      | 2     | 0         | 0    | 5      | 0     | 5     | 10 |
| 12:30 PM | 4         | 0    | 0      | 4     | 1                 | 1    | 0      | 2     | 0         | 0    | 0      | 0     | 0     | 6  |
| 12:45 PM | 3         | 0    | 0      | 3     | 2                 | 0    | 0      | 2     | 0         | 0    | 2      | 0     | 2     | 7  |
| Total    | 13        | 0    | 0      | 13    | 7                 | 2    | 0      | 9     | 0         | 0    | 10     | 0     | 10    | 32 |
| 1:00 PM  | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 4      | 0     | 4     | 6  |
| 1:15 PM  | 2         | 0    | 0      | 2     | 2                 | 2    | 0      | 4     | 0         | 0    | 6      | 0     | 6     | 12 |
| 1:30 PM  | 2         | 0    | 0      | 2     | 0                 | 1    | 0      | 1     | 0         | 0    | 4      | 0     | 4     | 7  |
| 1:45 PM  | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 0    | 5      | 0     | 5     | 7  |
| Total    | 6         | 0    | 0      | 6     | 3                 | 4    | 0      | 7     | 0         | 0    | 19     | 0     | 19    | 32 |
| 2:00 PM  | 2         | 0    | 0      | 2     | 3                 | 1    | 0      | 4     | 0         | 0    | 3      | 0     | 3     | 9  |
| 2:15 PM  | 8         | 0    | 0      | 8     | 1                 | 3    | 0      | 4     | 0         | 0    | 4      | 0     | 4     | 16 |
| 2:30 PM  | 2         | 0    | 0      | 2     | 1                 | 1    | 0      | 2     | 0         | 0    | 3      | 0     | 3     | 7  |
| 2:45 PM  | 4         | 0    | 0      | 4     | 1                 | 0    | 0      | 1     | 0         | 0    | 5      | 0     | 5     | 10 |
| Total    | 16        | 0    | 0      | 16    | 6                 | 5    | 0      | 11    | 0         | 0    | 15     | 0     | 15    | 42 |
| 3:00 PM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 3  |
| 3:15 PM  | 5         | 0    | 0      | 5     | 0                 | 1    | 0      | 1     | 0         | 0    | 4      | 0     | 4     | 10 |
| 3:30 PM  | 2         | 0    | 0      | 2     | 0                 | 1    | 0      | 1     | 0         | 0    | 3      | 0     | 3     | 6  |
| 3:45 PM  | 8         | 0    | 0      | 8     | 1                 | 1    | 0      | 2     | 0         | 0    | 1      | 0     | 1     | 11 |
| Total    | 17        | 0    | 0      | 17    | 1                 | 3    | 0      | 4     | 0         | 0    | 9      | 0     | 9     | 30 |
| 4:00 PM  | 3         | 0    | 0      | 3     | 0                 | 1    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 4  |
| 4:15 PM  | 3         | 0    | 0      | 3     | 2                 | 2    | 0      | 4     | 0         | 0    | 4      | 0     | 4     | 11 |
| 4:30 PM  | 0         | 0    | 0      | 0     | 1                 | 0    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 1  |
| 4:45 PM  | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 0    | 1      | 0     | 1     | 3  |
| Total    | 7         | 0    | 0      | 7     | 3                 | 4    | 0      | 7     | 0         | 0    | 5      | 0     | 5     | 19 |
| 5:00 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 3      | 0     | 3     | 4  |
| 5:15 PM  | 1         | 0    | 0      | 1     | 3                 | 0    | 0      | 3     | 0         | 0    | 2      | 0     | 2     | 6  |
| 5:30 PM  | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 2  |
| 5:45 PM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 4  |
| Total    | 5         | 0    | 0      | 5     | 4                 | 0    | 0      | 4     | 0         | 0    | 7      | 0     | 7     | 16 |
| 6:00 PM  | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 2  |
| 6:15 PM  | 2         | 0    | 0      | 2     | 1                 | 1    | 0      | 2     | 0         | 0    | 1      | 0     | 1     | 5  |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**



**Class: Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|                    | Broadway  |          |          |          | Trowbridge Street |          |          |          | Broadway  |          |          |          | Total    |
|--------------------|-----------|----------|----------|----------|-------------------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                    | from East |          |          |          | from South        |          |          |          | from West |          |          |          |          |
|                    | Thru      | Left     | U-Turn   | Total    | Right             | Left     | U-Turn   | Total    | Right     | Thru     | U-Turn   | Total    |          |
| 6:30 PM            | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| 6:45 PM            | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        |
| <b>Total</b>       | <b>4</b>  | <b>0</b> | <b>0</b> | <b>4</b> | <b>2</b>          | <b>1</b> | <b>0</b> | <b>3</b> | <b>0</b>  | <b>1</b> | <b>0</b> | <b>1</b> | <b>8</b> |
| Grand Total        | 129       | 0        | 0        | 129      | 39                | 38       | 1        | 78       | 0         | 166      | 0        | 166      | 373      |
| Approach %         | 100.0     | 0.0      | 0.0      |          | 50.0              | 48.7     | 1.3      |          | 0.0       | 100.0    | 0.0      |          |          |
| Total %            | 34.6      | 0.0      | 0.0      | 34.6     | 10.5              | 10.2     | 0.3      | 20.9     | 0.0       | 44.5     | 0.0      | 44.5     |          |
| Exiting Leg Total  | 205       |          |          |          | 1                 |          |          |          | 167       |          |          |          | 373      |
| Buses              | 59        | 0        | 0        | 59       | 7                 | 11       | 0        | 18       | 0         | 55       | 0        | 55       | 132      |
| % Buses            | 45.7      | 0.0      | 0.0      | 45.7     | 17.9              | 28.9     | 0.0      | 23.1     | 0.0       | 33.1     | 0.0      | 33.1     | 35.4     |
| Exiting Leg Total  | 62        |          |          |          | 0                 |          |          |          | 70        |          |          |          | 132      |
| Single-Unit Trucks | 63        | 0        | 0        | 63       | 32                | 26       | 1        | 59       | 0         | 106      | 0        | 106      | 228      |
| % Single-Unit      | 48.8      | 0.0      | 0.0      | 48.8     | 82.1              | 68.4     | 100.0    | 75.6     | 0.0       | 63.9     | 0.0      | 63.9     | 61.1     |
| Exiting Leg Total  | 138       |          |          |          | 1                 |          |          |          | 89        |          |          |          | 228      |
| Articulated Trucks | 7         | 0        | 0        | 7        | 0                 | 1        | 0        | 1        | 0         | 5        | 0        | 5        | 13       |
| % Articulated      | 5.4       | 0.0      | 0.0      | 5.4      | 0.0               | 2.6      | 0.0      | 1.3      | 0.0       | 3.0      | 0.0      | 3.0      | 3.5      |
| Exiting Leg Total  | 5         |          |          |          | 0                 |          |          |          | 8         |          |          |          | 13       |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                    | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       | Total |
|--------------------|-----------|-------|--------|-------|-------------------|-------|--------|-------|-----------|-------|--------|-------|-------|
|                    | from East |       |        |       | from South        |       |        |       | from West |       |        |       |       |
|                    | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total |       |
| 7:15 AM            | 5         | 0     | 0      | 5     | 0                 | 1     | 0      | 1     | 0         | 5     | 0      | 5     | 11    |
| 7:30 AM            | 5         | 0     | 0      | 5     | 0                 | 0     | 0      | 0     | 0         | 10    | 0      | 10    | 15    |
| 7:45 AM            | 6         | 0     | 0      | 6     | 0                 | 2     | 0      | 2     | 0         | 6     | 0      | 6     | 14    |
| 8:00 AM            | 4         | 0     | 0      | 4     | 1                 | 0     | 0      | 1     | 0         | 4     | 0      | 4     | 9     |
| Total Volume       | 20        | 0     | 0      | 20    | 1                 | 3     | 0      | 4     | 0         | 25    | 0      | 25    | 49    |
| % Approach Total   | 100.0     | 0.0   | 0.0    |       | 25.0              | 75.0  | 0.0    |       | 0.0       | 100.0 | 0.0    |       |       |
| PHF                | 0.833     | 0.000 | 0.000  | 0.833 | 0.250             | 0.375 | 0.000  | 0.500 | 0.000     | 0.625 | 0.000  | 0.625 | 0.817 |
| Buses              | 15        | 0     | 0      | 15    | 0                 | 2     | 0      | 2     | 0         | 13    | 0      | 13    | 30    |
| Buses %            | 75.0      | 0.0   | 0.0    | 75.0  | 0.0               | 66.7  | 0.0    | 50.0  | 0.0       | 52.0  | 0.0    | 52.0  | 61.2  |
| Single-Unit Trucks | 5         | 0     | 0      | 5     | 1                 | 1     | 0      | 2     | 0         | 10    | 0      | 10    | 17    |
| Single-Unit %      | 25.0      | 0.0   | 0.0    | 25.0  | 100.0             | 33.3  | 0.0    | 50.0  | 0.0       | 40.0  | 0.0    | 40.0  | 34.7  |
| Articulated Trucks | 0         | 0     | 0      | 0     | 0                 | 0     | 0      | 0     | 0         | 2     | 0      | 2     | 2     |
| Articulated %      | 0.0       | 0.0   | 0.0    | 0.0   | 0.0               | 0.0   | 0.0    | 0.0   | 0.0       | 8.0   | 0.0    | 8.0   | 4.1   |
| Buses              | 15        | 0     | 0      | 15    | 0                 | 2     | 0      | 2     | 0         | 13    | 0      | 13    | 30    |
| Single-Unit Trucks | 5         | 0     | 0      | 5     | 1                 | 1     | 0      | 2     | 0         | 10    | 0      | 10    | 17    |
| Articulated Trucks | 0         | 0     | 0      | 0     | 0                 | 0     | 0      | 0     | 0         | 2     | 0      | 2     | 2     |
| Total Entering Leg | 20        | 0     | 0      | 20    | 1                 | 3     | 0      | 4     | 0         | 25    | 0      | 25    | 49    |
| Buses              | 13        |       |        |       | 0                 |       |        |       | 17        |       |        |       | 30    |
| Single-Unit Trucks | 11        |       |        |       | 0                 |       |        |       | 6         |       |        |       | 17    |
| Articulated Trucks | 2         |       |        |       | 0                 |       |        |       | 0         |       |        |       | 2     |
| Total Exiting Leg  | 26        |       |        |       | 0                 |       |        |       | 23        |       |        |       | 49    |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                    | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       | Total |
|--------------------|-----------|-------|--------|-------|-------------------|-------|--------|-------|-----------|-------|--------|-------|-------|
|                    | from East |       |        |       | from South        |       |        |       | from West |       |        |       |       |
|                    | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total |       |
| 11:15 AM           | 2         | 0     | 0      | 2     | 0                 | 3     | 0      | 3     | 0         | 10    | 0      | 10    | 15    |
| 11:30 AM           | 6         | 0     | 0      | 6     | 0                 | 1     | 0      | 1     | 0         | 7     | 0      | 7     | 14    |
| 11:45 AM           | 1         | 0     | 0      | 1     | 1                 | 0     | 0      | 1     | 0         | 7     | 0      | 7     | 9     |
| 12:00 PM           | 3         | 0     | 0      | 3     | 2                 | 1     | 0      | 3     | 0         | 3     | 0      | 3     | 9     |
| Total Volume       | 12        | 0     | 0      | 12    | 3                 | 5     | 0      | 8     | 0         | 27    | 0      | 27    | 47    |
| % Approach Total   | 100.0     | 0.0   | 0.0    |       | 37.5              | 62.5  | 0.0    |       | 0.0       | 100.0 | 0.0    |       |       |
| PHF                | 0.500     | 0.000 | 0.000  | 0.500 | 0.375             | 0.417 | 0.000  | 0.667 | 0.000     | 0.675 | 0.000  | 0.675 | 0.783 |
| Buses              | 2         | 0     | 0      | 2     | 0                 | 0     | 0      | 0     | 0         | 4     | 0      | 4     | 6     |
| Buses %            | 16.7      | 0.0   | 0.0    | 16.7  | 0.0               | 0.0   | 0.0    | 0.0   | 0.0       | 14.8  | 0.0    | 14.8  | 12.8  |
| Single-Unit Trucks | 10        | 0     | 0      | 10    | 3                 | 5     | 0      | 8     | 0         | 22    | 0      | 22    | 40    |
| Single-Unit %      | 83.3      | 0.0   | 0.0    | 83.3  | 100.0             | 100.0 | 0.0    | 100.0 | 0.0       | 81.5  | 0.0    | 81.5  | 85.1  |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|                           | Broadway  |          |          |           | Trowbridge Street |          |          |          | Broadway  |           |          |           | Total     |
|---------------------------|-----------|----------|----------|-----------|-------------------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|
|                           | from East |          |          |           | from South        |          |          |          | from West |           |          |           |           |
|                           | Thru      | Left     | U-Turn   | Total     | Right             | Left     | U-Turn   | Total    | Right     | Thru      | U-Turn   | Total     |           |
| Articulated Trucks        | 0         | 0        | 0        | 0         | 0                 | 0        | 0        | 0        | 0         | 1         | 0        | 1         | 1         |
| Articulated %             | 0.0       | 0.0      | 0.0      | 0.0       | 0.0               | 0.0      | 0.0      | 0.0      | 0.0       | 3.7       | 0.0      | 3.7       | 2.1       |
| Buses                     | 2         | 0        | 0        | 2         | 0                 | 0        | 0        | 0        | 0         | 4         | 0        | 4         | 6         |
| Single-Unit Trucks        | 10        | 0        | 0        | 10        | 3                 | 5        | 0        | 8        | 0         | 22        | 0        | 22        | 40        |
| Articulated Trucks        | 0         | 0        | 0        | 0         | 0                 | 0        | 0        | 0        | 0         | 1         | 0        | 1         | 1         |
| <b>Total Entering Leg</b> | <b>12</b> | <b>0</b> | <b>0</b> | <b>12</b> | <b>3</b>          | <b>5</b> | <b>0</b> | <b>8</b> | <b>0</b>  | <b>27</b> | <b>0</b> | <b>27</b> | <b>47</b> |
| Buses                     |           |          |          | 4         |                   |          |          | 0        |           |           |          | 2         | 6         |
| Single-Unit Trucks        |           |          |          | 25        |                   |          |          | 0        |           |           |          | 15        | 40        |
| Articulated Trucks        |           |          |          | 1         |                   |          |          | 0        |           |           |          | 0         | 1         |
| <b>Total Exiting Leg</b>  |           |          |          | <b>30</b> |                   |          |          | <b>0</b> |           |           |          | <b>17</b> | <b>47</b> |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                           | Broadway     |            |            |           | Trowbridge Street |             |            |           | Broadway   |              |            |           | Total     |
|---------------------------|--------------|------------|------------|-----------|-------------------|-------------|------------|-----------|------------|--------------|------------|-----------|-----------|
|                           | from East    |            |            |           | from South        |             |            |           | from West  |              |            |           |           |
|                           | Thru         | Left       | U-Turn     | Total     | Right             | Left        | U-Turn     | Total     | Right      | Thru         | U-Turn     | Total     |           |
| <b>2:00 PM</b>            | 2            | 0          | 0          | 2         | 3                 | 1           | 0          | 4         | 0          | 3            | 0          | 3         | 9         |
| 2:15 PM                   | 8            | 0          | 0          | 8         | 1                 | 3           | 0          | 4         | 0          | 4            | 0          | 4         | 16        |
| 2:30 PM                   | 2            | 0          | 0          | 2         | 1                 | 1           | 0          | 2         | 0          | 3            | 0          | 3         | 7         |
| 2:45 PM                   | 4            | 0          | 0          | 4         | 1                 | 0           | 0          | 1         | 0          | 5            | 0          | 5         | 10        |
| <b>Total Volume</b>       | <b>16</b>    | <b>0</b>   | <b>0</b>   | <b>16</b> | <b>6</b>          | <b>5</b>    | <b>0</b>   | <b>11</b> | <b>0</b>   | <b>15</b>    | <b>0</b>   | <b>15</b> | <b>42</b> |
| <b>% Approach Total</b>   | <b>100.0</b> | <b>0.0</b> | <b>0.0</b> |           | <b>54.5</b>       | <b>45.5</b> | <b>0.0</b> |           | <b>0.0</b> | <b>100.0</b> | <b>0.0</b> |           |           |
| PHF                       | 0.500        | 0.000      | 0.000      | 0.500     | 0.500             | 0.417       | 0.000      | 0.688     | 0.000      | 0.750        | 0.000      | 0.750     | 0.656     |
| Buses                     | 9            | 0          | 0          | 9         | 2                 | 2           | 0          | 4         | 0          | 5            | 0          | 5         | 18        |
| Buses %                   | 56.3         | 0.0        | 0.0        | 56.3      | 33.3              | 40.0        | 0.0        | 36.4      | 0.0        | 33.3         | 0.0        | 33.3      | 42.9      |
| Single-Unit Trucks        | 6            | 0          | 0          | 6         | 4                 | 3           | 0          | 7         | 0          | 10           | 0          | 10        | 23        |
| Single-Unit %             | 37.5         | 0.0        | 0.0        | 37.5      | 66.7              | 60.0        | 0.0        | 63.6      | 0.0        | 66.7         | 0.0        | 66.7      | 54.8      |
| Articulated Trucks        | 1            | 0          | 0          | 1         | 0                 | 0           | 0          | 0         | 0          | 0            | 0          | 0         | 1         |
| Articulated %             | 6.3          | 0.0        | 0.0        | 6.3       | 0.0               | 0.0         | 0.0        | 0.0       | 0.0        | 0.0          | 0.0        | 0.0       | 2.4       |
| Buses                     | 9            | 0          | 0          | 9         | 2                 | 2           | 0          | 4         | 0          | 5            | 0          | 5         | 18        |
| Single-Unit Trucks        | 6            | 0          | 0          | 6         | 4                 | 3           | 0          | 7         | 0          | 10           | 0          | 10        | 23        |
| Articulated Trucks        | 1            | 0          | 0          | 1         | 0                 | 0           | 0          | 0         | 0          | 0            | 0          | 0         | 1         |
| <b>Total Entering Leg</b> | <b>16</b>    | <b>0</b>   | <b>0</b>   | <b>16</b> | <b>6</b>          | <b>5</b>    | <b>0</b>   | <b>11</b> | <b>0</b>   | <b>15</b>    | <b>0</b>   | <b>15</b> | <b>42</b> |
| Buses                     |              |            |            | 7         |                   |             |            | 0         |            |              |            | 11        | 18        |
| Single-Unit Trucks        |              |            |            | 14        |                   |             |            | 0         |            |              |            | 9         | 23        |
| Articulated Trucks        |              |            |            | 0         |                   |             |            | 0         |            |              |            | 1         | 1         |
| <b>Total Exiting Leg</b>  |              |            |            | <b>21</b> |                   |             |            | <b>0</b>  |            |              |            | <b>21</b> | <b>42</b> |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Buses**

|          | Broadway  |      |        |       | Trowbridge Street |      |        |       | Broadway  |      |        |       | Total |    |
|----------|-----------|------|--------|-------|-------------------|------|--------|-------|-----------|------|--------|-------|-------|----|
|          | from East |      |        |       | from South        |      |        |       | from West |      |        |       |       |    |
|          | Thru      | Left | U-Turn | Total | Right             | Left | U-Turn | Total | Right     | Thru | U-Turn | Total |       |    |
| 7:00 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 4      | 0     | 4     | 4  |
| 7:15 AM  | 4         | 0    | 0      | 4     | 0                 | 1    | 0      | 1     | 0         | 1    | 0      | 0     | 1     | 6  |
| 7:30 AM  | 4         | 0    | 0      | 4     | 0                 | 0    | 0      | 0     | 0         | 0    | 8      | 0     | 8     | 12 |
| 7:45 AM  | 4         | 0    | 0      | 4     | 0                 | 1    | 0      | 1     | 0         | 1    | 1      | 0     | 1     | 6  |
| Total    | 12        | 0    | 0      | 12    | 0                 | 2    | 0      | 2     | 0         | 0    | 14     | 0     | 14    | 28 |
| 8:00 AM  | 3         | 0    | 0      | 3     | 0                 | 0    | 0      | 0     | 0         | 0    | 3      | 0     | 3     | 6  |
| 8:15 AM  | 0         | 0    | 0      | 0     | 0                 | 1    | 0      | 1     | 0         | 1    | 0      | 0     | 0     | 1  |
| 8:30 AM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 2  |
| 8:45 AM  | 0         | 0    | 0      | 0     | 0                 | 2    | 0      | 2     | 0         | 2    | 1      | 0     | 1     | 3  |
| Total    | 5         | 0    | 0      | 5     | 0                 | 3    | 0      | 3     | 0         | 0    | 4      | 0     | 4     | 12 |
| 9:00 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| 9:15 AM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 9:30 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 2  |
| 9:45 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 1  |
| Total    | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 4      | 0     | 4     | 5  |
| 10:00 AM | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 10:15 AM | 3         | 0    | 0      | 3     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 3  |
| 10:30 AM | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 2  |
| 10:45 AM | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 3  |
| Total    | 7         | 0    | 0      | 7     | 0                 | 0    | 0      | 0     | 0         | 0    | 3      | 0     | 3     | 10 |
| 11:00 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| 11:15 AM | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 11:30 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 2  |
| 11:45 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| Total    | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 3      | 0     | 3     | 4  |
| 12:00 PM | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 12:15 PM | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 1    | 0      | 0     | 0     | 2  |
| 12:30 PM | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 1    | 0      | 0     | 0     | 2  |
| 12:45 PM | 0         | 0    | 0      | 0     | 1                 | 0    | 0      | 1     | 0         | 1    | 1      | 0     | 1     | 2  |
| Total    | 3         | 0    | 0      | 3     | 2                 | 1    | 0      | 3     | 0         | 0    | 2      | 0     | 2     | 8  |
| 1:00 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| 1:15 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 1:30 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 3  |
| 1:45 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| Total    | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 3      | 0     | 3     | 5  |
| 2:00 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 3  |
| 2:15 PM  | 5         | 0    | 0      | 5     | 1                 | 1    | 0      | 2     | 0         | 0    | 0      | 0     | 0     | 7  |
| 2:30 PM  | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 2  |
| 2:45 PM  | 2         | 0    | 0      | 2     | 1                 | 0    | 0      | 1     | 0         | 0    | 3      | 0     | 3     | 6  |
| Total    | 9         | 0    | 0      | 9     | 2                 | 2    | 0      | 4     | 0         | 0    | 5      | 0     | 5     | 18 |
| 3:00 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 1  |
| 3:15 PM  | 3         | 0    | 0      | 3     | 0                 | 1    | 0      | 1     | 0         | 0    | 3      | 0     | 3     | 7  |
| 3:30 PM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 3      | 0     | 3     | 5  |
| 3:45 PM  | 4         | 0    | 0      | 4     | 1                 | 0    | 0      | 1     | 0         | 0    | 1      | 0     | 1     | 6  |
| Total    | 10        | 0    | 0      | 10    | 1                 | 1    | 0      | 2     | 0         | 0    | 7      | 0     | 7     | 19 |
| 4:00 PM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 2  |
| 4:15 PM  | 1         | 0    | 0      | 1     | 1                 | 2    | 0      | 3     | 0         | 0    | 4      | 0     | 4     | 8  |
| 4:30 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| 4:45 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| Total    | 3         | 0    | 0      | 3     | 1                 | 2    | 0      | 3     | 0         | 0    | 4      | 0     | 4     | 10 |
| 5:00 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 3  |
| 5:15 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 5:30 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| 5:45 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 3  |
| Total    | 3         | 0    | 0      | 3     | 0                 | 0    | 0      | 0     | 0         | 0    | 5      | 0     | 5     | 8  |
| 6:00 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 1  |
| 6:15 PM  | 2         | 0    | 0      | 2     | 1                 | 0    | 0      | 1     | 0         | 0    | 1      | 0     | 1     | 4  |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Buses**

|                   | Broadway  |          |          |          | Trowbridge Street |          |          |          | Broadway  |          |          |          | Total    |
|-------------------|-----------|----------|----------|----------|-------------------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                   | from East |          |          |          | from South        |          |          |          | from West |          |          |          |          |
|                   | Thru      | Left     | U-Turn   | Total    | Right             | Left     | U-Turn   | Total    | Right     | Thru     | U-Turn   | Total    |          |
| 6:30 PM           | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| 6:45 PM           | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| <b>Total</b>      | <b>3</b>  | <b>0</b> | <b>0</b> | <b>3</b> | <b>1</b>          | <b>0</b> | <b>0</b> | <b>1</b> | <b>0</b>  | <b>1</b> | <b>0</b> | <b>1</b> | <b>5</b> |
| Grand Total       | 59        | 0        | 0        | 59       | 7                 | 11       | 0        | 18       | 0         | 55       | 0        | 55       | 132      |
| Approach %        | 100.0     | 0.0      | 0.0      |          | 38.9              | 61.1     | 0.0      |          | 0.0       | 100.0    | 0.0      |          |          |
| Total %           | 44.7      | 0.0      | 0.0      | 44.7     | 5.3               | 8.3      | 0.0      | 13.6     | 0.0       | 41.7     | 0.0      | 41.7     |          |
| Exiting Leg Total |           |          |          | 62       |                   |          |          | 0        |           |          |          | 70       | 132      |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Broadway  |       |        |           | Trowbridge Street |       |        |          | Broadway  |       |        |           | Total     |
|------------------|-----------|-------|--------|-----------|-------------------|-------|--------|----------|-----------|-------|--------|-----------|-----------|
|                  | from East |       |        |           | from South        |       |        |          | from West |       |        |           |           |
|                  | Thru      | Left  | U-Turn | Total     | Right             | Left  | U-Turn | Total    | Right     | Thru  | U-Turn | Total     |           |
| 7:15 AM          | 4         | 0     | 0      | 4         | 0                 | 1     | 0      | 1        | 0         | 1     | 0      | 1         | 6         |
| 7:30 AM          | 4         | 0     | 0      | 4         | 0                 | 0     | 0      | 0        | 0         | 8     | 0      | 8         | 12        |
| 7:45 AM          | 4         | 0     | 0      | 4         | 0                 | 1     | 0      | 1        | 0         | 1     | 0      | 1         | 6         |
| 8:00 AM          | 3         | 0     | 0      | 3         | 0                 | 0     | 0      | 0        | 0         | 3     | 0      | 3         | 6         |
| Total Volume     | 15        | 0     | 0      | 15        | 0                 | 2     | 0      | 2        | 0         | 13    | 0      | 13        | 30        |
| % Approach Total | 100.0     | 0.0   | 0.0    |           | 0.0               | 100.0 | 0.0    |          | 0.0       | 100.0 | 0.0    |           |           |
| PHF              | 0.938     | 0.000 | 0.000  | 0.938     | 0.000             | 0.500 | 0.000  | 0.500    | 0.000     | 0.406 | 0.000  | 0.406     | 0.625     |
| Entering Leg     | 15        | 0     | 0      | 15        | 0                 | 2     | 0      | 2        | 0         | 13    | 0      | 13        | 30        |
| Exiting Leg      |           |       |        | 13        |                   |       |        | 0        |           |       |        | 17        | 30        |
| <b>Total</b>     |           |       |        | <b>28</b> |                   |       |        | <b>2</b> |           |       |        | <b>30</b> | <b>60</b> |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Broadway  |       |        |           | Trowbridge Street |       |        |          | Broadway  |       |        |           | Total     |
|------------------|-----------|-------|--------|-----------|-------------------|-------|--------|----------|-----------|-------|--------|-----------|-----------|
|                  | from East |       |        |           | from South        |       |        |          | from West |       |        |           |           |
|                  | Thru      | Left  | U-Turn | Total     | Right             | Left  | U-Turn | Total    | Right     | Thru  | U-Turn | Total     |           |
| 1:30 PM          | 1         | 0     | 0      | 1         | 0                 | 0     | 0      | 0        | 0         | 2     | 0      | 2         | 3         |
| 1:45 PM          | 0         | 0     | 0      | 0         | 0                 | 0     | 0      | 0        | 0         | 0     | 0      | 0         | 0         |
| 2:00 PM          | 1         | 0     | 0      | 1         | 0                 | 0     | 0      | 0        | 0         | 2     | 0      | 2         | 3         |
| 2:15 PM          | 5         | 0     | 0      | 5         | 1                 | 1     | 0      | 2        | 0         | 0     | 0      | 0         | 7         |
| Total Volume     | 7         | 0     | 0      | 7         | 1                 | 1     | 0      | 2        | 0         | 4     | 0      | 4         | 13        |
| % Approach Total | 100.0     | 0.0   | 0.0    |           | 50.0              | 50.0  | 0.0    |          | 0.0       | 100.0 | 0.0    |           |           |
| PHF              | 0.350     | 0.000 | 0.000  | 0.350     | 0.250             | 0.250 | 0.000  | 0.250    | 0.000     | 0.500 | 0.000  | 0.500     | 0.464     |
| Entering Leg     | 7         | 0     | 0      | 7         | 1                 | 1     | 0      | 2        | 0         | 4     | 0      | 4         | 13        |
| Exiting Leg      |           |       |        | 5         |                   |       |        | 0        |           |       |        | 8         | 13        |
| <b>Total</b>     |           |       |        | <b>12</b> |                   |       |        | <b>2</b> |           |       |        | <b>12</b> | <b>26</b> |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Broadway  |       |        |           | Trowbridge Street |       |        |          | Broadway  |       |        |           | Total     |
|------------------|-----------|-------|--------|-----------|-------------------|-------|--------|----------|-----------|-------|--------|-----------|-----------|
|                  | from East |       |        |           | from South        |       |        |          | from West |       |        |           |           |
|                  | Thru      | Left  | U-Turn | Total     | Right             | Left  | U-Turn | Total    | Right     | Thru  | U-Turn | Total     |           |
| 3:30 PM          | 2         | 0     | 0      | 2         | 0                 | 0     | 0      | 0        | 0         | 3     | 0      | 3         | 5         |
| 3:45 PM          | 4         | 0     | 0      | 4         | 1                 | 0     | 0      | 1        | 0         | 1     | 0      | 1         | 6         |
| 4:00 PM          | 2         | 0     | 0      | 2         | 0                 | 0     | 0      | 0        | 0         | 0     | 0      | 0         | 2         |
| 4:15 PM          | 1         | 0     | 0      | 1         | 1                 | 2     | 0      | 3        | 0         | 4     | 0      | 4         | 8         |
| Total Volume     | 9         | 0     | 0      | 9         | 2                 | 2     | 0      | 4        | 0         | 8     | 0      | 8         | 21        |
| % Approach Total | 100.0     | 0.0   | 0.0    |           | 50.0              | 50.0  | 0.0    |          | 0.0       | 100.0 | 0.0    |           |           |
| PHF              | 0.563     | 0.000 | 0.000  | 0.563     | 0.500             | 0.250 | 0.000  | 0.333    | 0.000     | 0.500 | 0.000  | 0.500     | 0.656     |
| Entering Leg     | 9         | 0     | 0      | 9         | 2                 | 2     | 0      | 4        | 0         | 8     | 0      | 8         | 21        |
| Exiting Leg      |           |       |        | 10        |                   |       |        | 0        |           |       |        | 11        | 21        |
| <b>Total</b>     |           |       |        | <b>19</b> |                   |       |        | <b>4</b> |           |       |        | <b>19</b> | <b>42</b> |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



### Single-Unit Trucks

|          | Broadway  |      |        |       | Trowbridge Street |      |        |       | Broadway  |      |        |       | Total |    |
|----------|-----------|------|--------|-------|-------------------|------|--------|-------|-----------|------|--------|-------|-------|----|
|          | from East |      |        |       | from South        |      |        |       | from West |      |        |       |       |    |
|          | Thru      | Left | U-Turn | Total | Right             | Left | U-Turn | Total | Right     | Thru | U-Turn | Total |       |    |
| 7:00 AM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 4  |
| 7:15 AM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 4      | 0     | 4     | 5  |
| 7:30 AM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 7:45 AM  | 2         | 0    | 0      | 2     | 0                 | 1    | 0      | 1     | 0         | 0    | 4      | 0     | 4     | 7  |
| Total    | 6         | 0    | 0      | 6     | 0                 | 1    | 0      | 1     | 0         | 0    | 11     | 0     | 11    | 18 |
| 8:00 AM  | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 1      | 0     | 1     | 3  |
| 8:15 AM  | 2         | 0    | 0      | 2     | 1                 | 0    | 0      | 1     | 0         | 0    | 3      | 0     | 3     | 6  |
| 8:30 AM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 3  |
| 8:45 AM  | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 0    | 3      | 0     | 3     | 5  |
| Total    | 6         | 0    | 0      | 6     | 2                 | 1    | 0      | 3     | 0         | 0    | 8      | 0     | 8     | 17 |
| 9:00 AM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 3  |
| 9:15 AM  | 0         | 0    | 0      | 0     | 1                 | 1    | 0      | 2     | 0         | 0    | 6      | 0     | 6     | 8  |
| 9:30 AM  | 3         | 0    | 0      | 3     | 1                 | 1    | 0      | 2     | 0         | 0    | 2      | 0     | 2     | 7  |
| 9:45 AM  | 1         | 0    | 0      | 1     | 1                 | 1    | 1      | 3     | 0         | 0    | 5      | 0     | 5     | 9  |
| Total    | 5         | 0    | 0      | 5     | 3                 | 3    | 1      | 7     | 0         | 0    | 15     | 0     | 15    | 27 |
| 10:00 AM | 2         | 0    | 0      | 2     | 0                 | 2    | 0      | 2     | 0         | 0    | 6      | 0     | 6     | 10 |
| 10:15 AM | 2         | 0    | 0      | 2     | 2                 | 1    | 0      | 3     | 0         | 0    | 1      | 0     | 1     | 6  |
| 10:30 AM | 1         | 0    | 0      | 1     | 2                 | 0    | 0      | 2     | 0         | 0    | 1      | 0     | 1     | 4  |
| 10:45 AM | 1         | 0    | 0      | 1     | 2                 | 1    | 0      | 3     | 0         | 0    | 2      | 0     | 2     | 6  |
| Total    | 6         | 0    | 0      | 6     | 6                 | 4    | 0      | 10    | 0         | 0    | 10     | 0     | 10    | 26 |
| 11:00 AM | 2         | 0    | 0      | 2     | 1                 | 0    | 0      | 1     | 0         | 0    | 4      | 0     | 4     | 7  |
| 11:15 AM | 1         | 0    | 0      | 1     | 0                 | 3    | 0      | 3     | 0         | 0    | 9      | 0     | 9     | 13 |
| 11:30 AM | 6         | 0    | 0      | 6     | 0                 | 1    | 0      | 1     | 0         | 0    | 5      | 0     | 5     | 12 |
| 11:45 AM | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 7      | 0     | 7     | 9  |
| Total    | 10        | 0    | 0      | 10    | 2                 | 4    | 0      | 6     | 0         | 0    | 25     | 0     | 25    | 41 |
| 12:00 PM | 2         | 0    | 0      | 2     | 2                 | 1    | 0      | 3     | 0         | 0    | 1      | 0     | 1     | 6  |
| 12:15 PM | 2         | 0    | 0      | 2     | 1                 | 0    | 0      | 1     | 0         | 0    | 5      | 0     | 5     | 8  |
| 12:30 PM | 3         | 0    | 0      | 3     | 1                 | 0    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 4  |
| 12:45 PM | 3         | 0    | 0      | 3     | 1                 | 0    | 0      | 1     | 0         | 0    | 1      | 0     | 1     | 5  |
| Total    | 10        | 0    | 0      | 10    | 5                 | 1    | 0      | 6     | 0         | 0    | 7      | 0     | 7     | 23 |
| 1:00 PM  | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 4      | 0     | 4     | 6  |
| 1:15 PM  | 1         | 0    | 0      | 1     | 2                 | 2    | 0      | 4     | 0         | 0    | 5      | 0     | 5     | 10 |
| 1:30 PM  | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 0    | 1      | 0     | 1     | 3  |
| 1:45 PM  | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 0    | 5      | 0     | 5     | 7  |
| Total    | 4         | 0    | 0      | 4     | 3                 | 4    | 0      | 7     | 0         | 0    | 15     | 0     | 15    | 26 |
| 2:00 PM  | 0         | 0    | 0      | 0     | 3                 | 1    | 0      | 4     | 0         | 0    | 1      | 0     | 1     | 5  |
| 2:15 PM  | 3         | 0    | 0      | 3     | 0                 | 2    | 0      | 2     | 0         | 0    | 4      | 0     | 4     | 9  |
| 2:30 PM  | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 3      | 0     | 3     | 5  |
| 2:45 PM  | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 2      | 0     | 2     | 4  |
| Total    | 6         | 0    | 0      | 6     | 4                 | 3    | 0      | 7     | 0         | 0    | 10     | 0     | 10    | 23 |
| 3:00 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 3:15 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 2  |
| 3:30 PM  | 0         | 0    | 0      | 0     | 0                 | 1    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 1  |
| 3:45 PM  | 3         | 0    | 0      | 3     | 0                 | 1    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 4  |
| Total    | 5         | 0    | 0      | 5     | 0                 | 2    | 0      | 2     | 0         | 0    | 2      | 0     | 2     | 9  |
| 4:00 PM  | 0         | 0    | 0      | 0     | 0                 | 1    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 1  |
| 4:15 PM  | 2         | 0    | 0      | 2     | 1                 | 0    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 3  |
| 4:30 PM  | 0         | 0    | 0      | 0     | 1                 | 0    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 1  |
| 4:45 PM  | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 0    | 1      | 0     | 1     | 3  |
| Total    | 3         | 0    | 0      | 3     | 2                 | 2    | 0      | 4     | 0         | 0    | 1      | 0     | 1     | 8  |
| 5:00 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 1      | 0     | 1     | 1  |
| 5:15 PM  | 0         | 0    | 0      | 0     | 3                 | 0    | 0      | 3     | 0         | 0    | 1      | 0     | 1     | 4  |
| 5:30 PM  | 1         | 0    | 0      | 1     | 1                 | 0    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 2  |
| 5:45 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     | 0  |
| Total    | 1         | 0    | 0      | 1     | 4                 | 0    | 0      | 4     | 0         | 0    | 2      | 0     | 2     | 7  |
| 6:00 PM  | 0         | 0    | 0      | 0     | 1                 | 0    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 1  |
| 6:15 PM  | 0         | 0    | 0      | 0     | 0                 | 1    | 0      | 1     | 0         | 0    | 0      | 0     | 0     | 1  |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Single-Unit Trucks**

|                   | Broadway  |          |          |          | Trowbridge Street |          |          |          | Broadway  |          |          |          | Total    |
|-------------------|-----------|----------|----------|----------|-------------------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                   | from East |          |          |          | from South        |          |          |          | from West |          |          |          |          |
|                   | Thru      | Left     | U-Turn   | Total    | Right             | Left     | U-Turn   | Total    | Right     | Thru     | U-Turn   | Total    |          |
| 6:30 PM           | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| 6:45 PM           | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        |
| <b>Total</b>      | <b>1</b>  | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b>          | <b>1</b> | <b>0</b> | <b>2</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>3</b> |
| Grand Total       | 63        | 0        | 0        | 63       | 32                | 26       | 1        | 59       | 0         | 106      | 0        | 106      | 228      |
| Approach %        | 100.0     | 0.0      | 0.0      |          | 54.2              | 44.1     | 1.7      |          | 0.0       | 100.0    | 0.0      |          |          |
| Total %           | 27.6      | 0.0      | 0.0      | 27.6     | 14.0              | 11.4     | 0.4      | 25.9     | 0.0       | 46.5     | 0.0      | 46.5     |          |
| Exiting Leg Total | 138       |          |          |          | 1                 |          |          |          | 89        |          |          |          | 228      |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       | Total     |
|------------------|-----------|-------|--------|-------|-------------------|-------|--------|-------|-----------|-------|--------|-------|-----------|
|                  | from East |       |        |       | from South        |       |        |       | from West |       |        |       |           |
|                  | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total |           |
| 9:15 AM          | 0         | 0     | 0      | 0     | 1                 | 1     | 0      | 2     | 0         | 6     | 0      | 6     | 8         |
| 9:30 AM          | 3         | 0     | 0      | 3     | 1                 | 1     | 0      | 2     | 0         | 2     | 0      | 2     | 7         |
| 9:45 AM          | 1         | 0     | 0      | 1     | 1                 | 1     | 1      | 3     | 0         | 5     | 0      | 5     | 9         |
| 10:00 AM         | 2         | 0     | 0      | 2     | 0                 | 2     | 0      | 2     | 0         | 6     | 0      | 6     | 10        |
| Total Volume     | 6         | 0     | 0      | 6     | 3                 | 5     | 1      | 9     | 0         | 19    | 0      | 19    | 34        |
| % Approach Total | 100.0     | 0.0   | 0.0    |       | 33.3              | 55.6  | 11.1   |       | 0.0       | 100.0 | 0.0    |       |           |
| PHF              | 0.500     | 0.000 | 0.000  | 0.500 | 0.750             | 0.625 | 0.250  | 0.750 | 0.000     | 0.792 | 0.000  | 0.792 | 0.850     |
| Entering Leg     | 6         | 0     | 0      | 6     | 3                 | 5     | 1      | 9     | 0         | 19    | 0      | 19    | 34        |
| Exiting Leg      | 22        |       |        |       | 1                 |       |        |       | 11        |       |        |       | 34        |
| <b>Total</b>     | <b>28</b> |       |        |       | <b>10</b>         |       |        |       | <b>30</b> |       |        |       | <b>68</b> |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       | Total     |
|------------------|-----------|-------|--------|-------|-------------------|-------|--------|-------|-----------|-------|--------|-------|-----------|
|                  | from East |       |        |       | from South        |       |        |       | from West |       |        |       |           |
|                  | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total |           |
| 11:00 AM         | 2         | 0     | 0      | 2     | 1                 | 0     | 0      | 1     | 0         | 4     | 0      | 4     | 7         |
| 11:15 AM         | 1         | 0     | 0      | 1     | 0                 | 3     | 0      | 3     | 0         | 9     | 0      | 9     | 13        |
| 11:30 AM         | 6         | 0     | 0      | 6     | 0                 | 1     | 0      | 1     | 0         | 5     | 0      | 5     | 12        |
| 11:45 AM         | 1         | 0     | 0      | 1     | 1                 | 0     | 0      | 1     | 0         | 7     | 0      | 7     | 9         |
| Total Volume     | 10        | 0     | 0      | 10    | 2                 | 4     | 0      | 6     | 0         | 25    | 0      | 25    | 41        |
| % Approach Total | 100.0     | 0.0   | 0.0    |       | 33.3              | 66.7  | 0.0    |       | 0.0       | 100.0 | 0.0    |       |           |
| PHF              | 0.417     | 0.000 | 0.000  | 0.417 | 0.500             | 0.333 | 0.000  | 0.500 | 0.000     | 0.694 | 0.000  | 0.694 | 0.788     |
| Entering Leg     | 10        | 0     | 0      | 10    | 2                 | 4     | 0      | 6     | 0         | 25    | 0      | 25    | 41        |
| Exiting Leg      | 27        |       |        |       | 0                 |       |        |       | 14        |       |        |       | 41        |
| <b>Total</b>     | <b>37</b> |       |        |       | <b>6</b>          |       |        |       | <b>39</b> |       |        |       | <b>82</b> |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Broadway  |       |        |       | Trowbridge Street |       |        |       | Broadway  |       |        |       | Total     |
|------------------|-----------|-------|--------|-------|-------------------|-------|--------|-------|-----------|-------|--------|-------|-----------|
|                  | from East |       |        |       | from South        |       |        |       | from West |       |        |       |           |
|                  | Thru      | Left  | U-Turn | Total | Right             | Left  | U-Turn | Total | Right     | Thru  | U-Turn | Total |           |
| 2:00 PM          | 0         | 0     | 0      | 0     | 3                 | 1     | 0      | 4     | 0         | 1     | 0      | 1     | 5         |
| 2:15 PM          | 3         | 0     | 0      | 3     | 0                 | 2     | 0      | 2     | 0         | 4     | 0      | 4     | 9         |
| 2:30 PM          | 1         | 0     | 0      | 1     | 1                 | 0     | 0      | 1     | 0         | 3     | 0      | 3     | 5         |
| 2:45 PM          | 2         | 0     | 0      | 2     | 0                 | 0     | 0      | 0     | 0         | 2     | 0      | 2     | 4         |
| Total Volume     | 6         | 0     | 0      | 6     | 4                 | 3     | 0      | 7     | 0         | 10    | 0      | 10    | 23        |
| % Approach Total | 100.0     | 0.0   | 0.0    |       | 57.1              | 42.9  | 0.0    |       | 0.0       | 100.0 | 0.0    |       |           |
| PHF              | 0.500     | 0.000 | 0.000  | 0.500 | 0.333             | 0.375 | 0.000  | 0.438 | 0.000     | 0.625 | 0.000  | 0.625 | 0.639     |
| Entering Leg     | 6         | 0     | 0      | 6     | 4                 | 3     | 0      | 7     | 0         | 10    | 0      | 10    | 23        |
| Exiting Leg      | 14        |       |        |       | 0                 |       |        |       | 9         |       |        |       | 23        |
| <b>Total</b>     | <b>20</b> |       |        |       | <b>7</b>          |       |        |       | <b>19</b> |       |        |       | <b>46</b> |



PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|          | Broadway  |      |        |       | Trowbridge Street |      |        |       | Broadway  |      |        |       | Total |
|----------|-----------|------|--------|-------|-------------------|------|--------|-------|-----------|------|--------|-------|-------|
|          | from East |      |        |       | from South        |      |        |       | from West |      |        |       |       |
|          | Thru      | Left | U-Turn | Total | Right             | Left | U-Turn | Total | Right     | Thru | U-Turn | Total |       |
| 7:00 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 7:15 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 7:30 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 1    | 0      | 1     | 1     |
| 7:45 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 1    | 0      | 1     | 1     |
| Total    | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 2    | 0      | 2     | 2     |
| 8:00 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 8:15 AM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| 8:30 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 8:45 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| Total    | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| 9:00 AM  | 0         | 0    | 0      | 0     | 0                 | 1    | 0      | 1     | 0         | 1    | 0      | 1     | 2     |
| 9:15 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 9:30 AM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 9:45 AM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| Total    | 1         | 0    | 0      | 1     | 0                 | 1    | 0      | 1     | 0         | 1    | 0      | 1     | 3     |
| 10:00 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 10:15 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 10:30 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 10:45 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| Total    | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 11:00 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 11:15 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 11:30 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 11:45 AM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| Total    | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 12:00 PM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 1    | 0      | 1     | 1     |
| 12:15 PM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 12:30 PM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 12:45 PM | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| Total    | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 1    | 0      | 1     | 1     |
| 1:00 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 1:15 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 1:30 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 1    | 0      | 1     | 1     |
| 1:45 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| Total    | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 1    | 0      | 1     | 1     |
| 2:00 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| 2:15 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 2:30 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 2:45 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| Total    | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| 3:00 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 3:15 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| 3:30 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 3:45 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| Total    | 2         | 0    | 0      | 2     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 2     |
| 4:00 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| 4:15 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 4:30 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 4:45 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| Total    | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| 5:00 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 5:15 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 5:30 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 5:45 PM  | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| Total    | 1         | 0    | 0      | 1     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 1     |
| 6:00 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |
| 6:15 PM  | 0         | 0    | 0      | 0     | 0                 | 0    | 0      | 0     | 0         | 0    | 0      | 0     | 0     |

PDI File #: **240156 A**  
 Location: **S: Trowbridge Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|                   | Broadway  |          |          |          | Trowbridge Street |          |          |          | Broadway  |          |          |          | Total    |
|-------------------|-----------|----------|----------|----------|-------------------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                   | from East |          |          |          | from South        |          |          |          | from West |          |          |          |          |
|                   | Thru      | Left     | U-Turn   | Total    | Right             | Left     | U-Turn   | Total    | Right     | Thru     | U-Turn   | Total    |          |
| 6:30 PM           | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| 6:45 PM           | 0         | 0        | 0        | 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>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |
| Grand Total       | 7         | 0        | 0        | 7        | 0                 | 1        | 0        | 1        | 0         | 5        | 0        | 5        | 13       |
| Approach %        | 100.0     | 0.0      | 0.0      |          | 0.0               | 100.0    | 0.0      |          | 0.0       | 100.0    | 0.0      |          |          |
| Total %           | 53.8      | 0.0      | 0.0      | 53.8     | 0.0               | 7.7      | 0.0      | 7.7      | 0.0       | 38.5     | 0.0      | 38.5     |          |
| Exiting Leg Total |           |          |          | 5        |                   |          |          | 0        |           |          |          | 8        | 13       |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                  | Broadway  |          |          |          | Trowbridge Street |          |          |          | Broadway  |          |          |          | Total    |
|------------------|-----------|----------|----------|----------|-------------------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                  | from East |          |          |          | from South        |          |          |          | from West |          |          |          |          |
|                  | Thru      | Left     | U-Turn   | Total    | Right             | Left     | U-Turn   | Total    | Right     | Thru     | U-Turn   | Total    |          |
| 7:30 AM          | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 1        | 0        | 1        | 1        |
| 7:45 AM          | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 1        | 0        | 1        | 1        |
| 8:00 AM          | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| 8:15 AM          | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        |
| Total Volume     | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 2        | 0        | 2        | 3        |
| % Approach Total | 100.0     | 0.0      | 0.0      |          | 0.0               | 0.0      | 0.0      |          | 0.0       | 100.0    | 0.0      |          |          |
| PHF              | 0.250     | 0.000    | 0.000    | 0.250    | 0.000             | 0.000    | 0.000    | 0.000    | 0.000     | 0.500    | 0.000    | 0.500    | 0.750    |
| Entering Leg     | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 2        | 0        | 2        | 3        |
| Exiting Leg      |           |          |          | 2        |                   |          |          | 0        |           |          |          | 1        | 3        |
| <b>Total</b>     | <b>3</b>  | <b>0</b> | <b>0</b> | <b>3</b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>3</b> | <b>0</b> | <b>3</b> | <b>6</b> |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                  | Broadway  |          |          |          | Trowbridge Street |          |          |          | Broadway  |          |          |          | Total    |
|------------------|-----------|----------|----------|----------|-------------------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                  | from East |          |          |          | from South        |          |          |          | from West |          |          |          |          |
|                  | Thru      | Left     | U-Turn   | Total    | Right             | Left     | U-Turn   | Total    | Right     | Thru     | U-Turn   | Total    |          |
| 1:15 PM          | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| 1:30 PM          | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 1        | 0        | 1        | 1        |
| 1:45 PM          | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| 2:00 PM          | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        |
| Total Volume     | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 1        | 0        | 1        | 2        |
| % Approach Total | 100.0     | 0.0      | 0.0      |          | 0.0               | 0.0      | 0.0      |          | 0.0       | 100.0    | 0.0      |          |          |
| PHF              | 0.250     | 0.000    | 0.000    | 0.250    | 0.000             | 0.000    | 0.000    | 0.000    | 0.000     | 0.250    | 0.000    | 0.250    | 0.500    |
| Entering Leg     | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 1        | 0        | 1        | 2        |
| Exiting Leg      |           |          |          | 1        |                   |          |          | 0        |           |          |          | 1        | 2        |
| <b>Total</b>     | <b>2</b>  | <b>0</b> | <b>0</b> | <b>2</b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>2</b> | <b>0</b> | <b>2</b> | <b>4</b> |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                  | Broadway  |          |          |          | Trowbridge Street |          |          |          | Broadway  |          |          |          | Total    |
|------------------|-----------|----------|----------|----------|-------------------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                  | from East |          |          |          | from South        |          |          |          | from West |          |          |          |          |
|                  | Thru      | Left     | U-Turn   | Total    | Right             | Left     | U-Turn   | Total    | Right     | Thru     | U-Turn   | Total    |          |
| 3:15 PM          | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        |
| 3:30 PM          | 0         | 0        | 0        | 0        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        |
| 3:45 PM          | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        |
| 4:00 PM          | 1         | 0        | 0        | 1        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        |
| Total Volume     | 3         | 0        | 0        | 3        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 3        |
| % Approach Total | 100.0     | 0.0      | 0.0      |          | 0.0               | 0.0      | 0.0      |          | 0.0       | 0.0      | 0.0      |          |          |
| PHF              | 0.750     | 0.000    | 0.000    | 0.750    | 0.000             | 0.000    | 0.000    | 0.000    | 0.000     | 0.000    | 0.000    | 0.000    | 0.750    |
| Entering Leg     | 3         | 0        | 0        | 3        | 0                 | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 3        |
| Exiting Leg      |           |          |          | 0        |                   |          |          | 0        |           |          |          | 3        | 3        |
| <b>Total</b>     | <b>3</b>  | <b>0</b> | <b>0</b> | <b>3</b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>3</b> | <b>0</b> | <b>3</b> | <b>6</b> |



PDI File #: 240156 A  
 Location: S: Trowbridge Street  
 Location: E: Broadway W: Broadway  
 City, State: Cambridge, MA  
 Client: Kittelson/M. Sanders  
 Site Code: 274770.007  
 Count Date: Tuesday, September 10, 2024  
 Start Time: 7:00 AM  
 End Time: 7:00 PM



**Bicycles (on Roadway and Crosswalks)**

|                   | Broadway  |          |          |          |           |           | Trowbridge Street |           |          |          |          |           | Broadway  |           |          |          |          |           | Total      |
|-------------------|-----------|----------|----------|----------|-----------|-----------|-------------------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|-----------|------------|
|                   | from East |          |          |          |           |           | from South        |           |          |          |          |           | from West |           |          |          |          |           |            |
|                   | Thru      | Left     | U-Turn   | CW-SB    | CW-NB     | Total     | Right             | Left      | U-Turn   | CW-WB    | CW-EB    | Total     | Right     | Thru      | U-Turn   | CW-NB    | CW-SB    | Total     |            |
| 6:30 PM           | 9         | 0        | 0        | 0        | 4         | 13        | 3                 | 5         | 0        | 1        | 2        | 11        | 0         | 9         | 0        | 1        | 3        | 13        | 37         |
| 6:45 PM           | 3         | 0        | 0        | 0        | 2         | 5         | 4                 | 5         | 0        | 1        | 1        | 11        | 0         | 8         | 0        | 2        | 1        | 11        | 27         |
| <b>Total</b>      | <b>33</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>15</b> | <b>49</b> | <b>16</b>         | <b>18</b> | <b>0</b> | <b>4</b> | <b>6</b> | <b>44</b> | <b>0</b>  | <b>34</b> | <b>0</b> | <b>5</b> | <b>6</b> | <b>45</b> | <b>138</b> |
| Grand Total       | 203       | 4        | 1        | 18       | 147       | 373       | 102               | 92        | 0        | 21       | 23       | 238       | 13        | 268       | 0        | 59       | 36       | 376       | 987        |
| Approach %        | 54.4      | 1.1      | 0.3      | 4.8      | 39.4      |           | 42.9              | 38.7      | 0.0      | 8.8      | 9.7      |           | 3.5       | 71.3      | 0.0      | 15.7     | 9.6      |           |            |
| Total %           | 20.6      | 0.4      | 0.1      | 1.8      | 14.9      | 37.8      | 10.3              | 9.3       | 0.0      | 2.1      | 2.3      | 24.1      | 1.3       | 27.2      | 0.0      | 6.0      | 3.6      | 38.1      |            |
| Exiting Leg Total | 536       |          |          |          |           |           | 61                |           |          |          |          |           | 390       |           |          |          |          |           | 987        |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Broadway  |       |        |       |       |       | Trowbridge Street |       |        |       |       |       | Broadway  |       |        |       |       |       | Total |
|------------------|-----------|-------|--------|-------|-------|-------|-------------------|-------|--------|-------|-------|-------|-----------|-------|--------|-------|-------|-------|-------|
|                  | from East |       |        |       |       |       | from South        |       |        |       |       |       | from West |       |        |       |       |       |       |
|                  | Thru      | Left  | U-Turn | CW-SB | CW-NB | Total | Right             | Left  | U-Turn | CW-WB | CW-EB | Total | Right     | Thru  | U-Turn | CW-NB | CW-SB | Total |       |
| 8:00 AM          | 3         | 0     | 0      | 0     | 17    | 20    | 0                 | 3     | 0      | 2     | 0     | 5     | 0         | 9     | 0      | 4     | 0     | 13    | 38    |
| 8:15 AM          | 2         | 0     | 0      | 0     | 20    | 22    | 1                 | 4     | 0      | 6     | 0     | 11    | 0         | 10    | 0      | 10    | 0     | 20    | 53    |
| 8:30 AM          | 3         | 0     | 0      | 1     | 9     | 13    | 2                 | 1     | 0      | 2     | 0     | 5     | 0         | 6     | 0      | 2     | 0     | 8     | 26    |
| 8:45 AM          | 8         | 0     | 0      | 0     | 2     | 10    | 4                 | 3     | 0      | 0     | 0     | 7     | 0         | 19    | 0      | 1     | 1     | 21    | 38    |
| Total Volume     | 16        | 0     | 0      | 1     | 48    | 65    | 7                 | 11    | 0      | 10    | 0     | 28    | 0         | 44    | 0      | 17    | 1     | 62    | 155   |
| % Approach Total | 24.6      | 0.0   | 0.0    | 1.5   | 73.8  |       | 25.0              | 39.3  | 0.0    | 35.7  | 0.0   |       | 0.0       | 71.0  | 0.0    | 27.4  | 1.6   |       |       |
| PHF              | 0.500     | 0.000 | 0.000  | 0.250 | 0.600 | 0.739 | 0.438             | 0.688 | 0.000  | 0.417 | 0.000 | 0.636 | 0.000     | 0.579 | 0.000  | 0.425 | 0.250 | 0.738 | 0.731 |
| Entering Leg     | 16        | 0     | 0      | 1     | 48    | 65    | 7                 | 11    | 0      | 10    | 0     | 28    | 0         | 44    | 0      | 17    | 1     | 62    | 155   |
| Exiting Leg      | 100       |       |        |       |       |       | 10                |       |        |       |       |       | 45        |       |        |       |       |       | 155   |
| Total            | 165       |       |        |       |       |       | 38                |       |        |       |       |       | 107       |       |        |       |       |       | 310   |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Broadway  |       |        |       |       |       | Trowbridge Street |       |        |       |       |       | Broadway  |       |        |       |       |       | Total |
|------------------|-----------|-------|--------|-------|-------|-------|-------------------|-------|--------|-------|-------|-------|-----------|-------|--------|-------|-------|-------|-------|
|                  | from East |       |        |       |       |       | from South        |       |        |       |       |       | from West |       |        |       |       |       |       |
|                  | Thru      | Left  | U-Turn | CW-SB | CW-NB | Total | Right             | Left  | U-Turn | CW-WB | CW-EB | Total | Right     | Thru  | U-Turn | CW-NB | CW-SB | Total |       |
| 10:00 AM         | 1         | 0     | 0      | 0     | 2     | 3     | 2                 | 3     | 0      | 0     | 0     | 5     | 0         | 6     | 0      | 2     | 1     | 9     | 17    |
| 10:15 AM         | 4         | 0     | 0      | 0     | 1     | 5     | 1                 | 3     | 0      | 0     | 0     | 4     | 0         | 6     | 0      | 0     | 0     | 6     | 15    |
| 10:30 AM         | 5         | 0     | 0      | 1     | 1     | 7     | 1                 | 3     | 0      | 0     | 0     | 4     | 0         | 6     | 0      | 1     | 0     | 7     | 18    |
| 10:45 AM         | 1         | 0     | 0      | 0     | 2     | 3     | 3                 | 2     | 0      | 0     | 0     | 5     | 0         | 5     | 0      | 0     | 0     | 5     | 13    |
| Total Volume     | 11        | 0     | 0      | 1     | 6     | 18    | 7                 | 11    | 0      | 0     | 0     | 18    | 0         | 23    | 0      | 3     | 1     | 27    | 63    |
| % Approach Total | 61.1      | 0.0   | 0.0    | 5.6   | 33.3  |       | 38.9              | 61.1  | 0.0    | 0.0   | 0.0   |       | 0.0       | 85.2  | 0.0    | 11.1  | 3.7   |       |       |
| PHF              | 0.550     | 0.000 | 0.000  | 0.250 | 0.750 | 0.643 | 0.583             | 0.917 | 0.000  | 0.000 | 0.000 | 0.900 | 0.000     | 0.958 | 0.000  | 0.375 | 0.250 | 0.750 | 0.875 |
| Entering Leg     | 11        | 0     | 0      | 1     | 6     | 18    | 7                 | 11    | 0      | 0     | 0     | 18    | 0         | 23    | 0      | 3     | 1     | 27    | 63    |
| Exiting Leg      | 37        |       |        |       |       |       | 0                 |       |        |       |       |       | 26        |       |        |       |       |       | 63    |
| Total            | 55        |       |        |       |       |       | 18                |       |        |       |       |       | 53        |       |        |       |       |       | 126   |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Broadway  |       |        |       |       |       | Trowbridge Street |       |        |       |       |       | Broadway  |       |        |       |       |       | Total |
|------------------|-----------|-------|--------|-------|-------|-------|-------------------|-------|--------|-------|-------|-------|-----------|-------|--------|-------|-------|-------|-------|
|                  | from East |       |        |       |       |       | from South        |       |        |       |       |       | from West |       |        |       |       |       |       |
|                  | Thru      | Left  | U-Turn | CW-SB | CW-NB | Total | Right             | Left  | U-Turn | CW-WB | CW-EB | Total | Right     | Thru  | U-Turn | CW-NB | CW-SB | Total |       |
| 5:30 PM          | 8         | 0     | 0      | 2     | 10    | 20    | 10                | 5     | 0      | 0     | 0     | 15    | 1         | 10    | 0      | 3     | 1     | 15    | 50    |
| 5:45 PM          | 8         | 0     | 0      | 0     | 4     | 12    | 5                 | 3     | 0      | 0     | 2     | 10    | 0         | 5     | 0      | 4     | 0     | 9     | 31    |
| 6:00 PM          | 12        | 0     | 0      | 0     | 3     | 15    | 2                 | 5     | 0      | 1     | 2     | 10    | 0         | 8     | 0      | 1     | 0     | 9     | 34    |
| 6:15 PM          | 9         | 0     | 0      | 1     | 6     | 16    | 7                 | 3     | 0      | 1     | 1     | 12    | 0         | 9     | 0      | 1     | 2     | 12    | 40    |
| Total Volume     | 37        | 0     | 0      | 3     | 23    | 63    | 24                | 16    | 0      | 2     | 5     | 47    | 1         | 32    | 0      | 9     | 3     | 45    | 155   |
| % Approach Total | 58.7      | 0.0   | 0.0    | 4.8   | 36.5  |       | 51.1              | 34.0  | 0.0    | 4.3   | 10.6  |       | 2.2       | 71.1  | 0.0    | 20.0  | 6.7   |       |       |
| PHF              | 0.771     | 0.000 | 0.000  | 0.375 | 0.575 | 0.788 | 0.600             | 0.800 | 0.000  | 0.500 | 0.625 | 0.783 | 0.250     | 0.800 | 0.000  | 0.563 | 0.375 | 0.750 | 0.775 |
| Entering Leg     | 37        | 0     | 0      | 3     | 23    | 63    | 24                | 16    | 0      | 2     | 5     | 47    | 1         | 32    | 0      | 9     | 3     | 45    | 155   |
| Exiting Leg      | 82        |       |        |       |       |       | 8                 |       |        |       |       |       | 65        |       |        |       |       |       | 155   |
| Total            | 145       |       |        |       |       |       | 55                |       |        |       |       |       | 110       |       |        |       |       |       | 310   |



PDI File #: 240156 A  
 Location: S: Trowbridge Street  
 Location: E: Broadway W: Broadway  
 City, State: Cambridge, MA  
 Client: Kittelson/M. Sanders  
 Site Code: 274770.007  
 Count Date: Tuesday, September 10, 2024  
 Start Time: 7:00 AM  
 End Time: 7:00 PM



**Pedestrians**

|                   | Broadway  |      |        |        |        |       | Trowbridge Street |      |        |        |        |        | Broadway  |      |        |        |        |        | Total |
|-------------------|-----------|------|--------|--------|--------|-------|-------------------|------|--------|--------|--------|--------|-----------|------|--------|--------|--------|--------|-------|
|                   | from East |      |        |        |        |       | from South        |      |        |        |        |        | from West |      |        |        |        |        |       |
|                   | Thru      | Left | U-Turn | CW-SB  | CW-NB  | Total | Right             | Left | U-Turn | CW-WB  | CW-EB  | Total  | Right     | Thru | U-Turn | CW-NB  | CW-SB  | Total  |       |
| 6:30 PM           | 0         | 0    | 0      | 6      | 10     | 16    | 0                 | 0    | 0      | 6      | 10     | 16     | 0         | 0    | 0      | 6      | 5      | 11     | 43    |
| 6:45 PM           | 0         | 0    | 0      | 12     | 4      | 16    | 0                 | 0    | 0      | 9      | 9      | 18     | 0         | 0    | 0      | 4      | 11     | 15     | 49    |
| <b>Total</b>      | 0         | 0    | 0      | 29     | 25     | 54    | 0                 | 0    | 0      | 39     | 51     | 90     | 0         | 0    | 0      | 31     | 34     | 65     | 209   |
| Grand Total       | 0         | 0    | 0      | 393    | 430    | 823   | 0                 | 0    | 0      | 399    | 463    | 862    | 0         | 0    | 0      | 467    | 459    | 926    | 2611  |
| Approach %        | 0         | 0    | 0      | 47.752 | 52.248 |       | 0                 | 0    | 0      | 46.288 | 53.712 |        | 0         | 0    | 0      | 50.432 | 49.568 |        |       |
| Total %           | 0         | 0    | 0      | 15.052 | 16.469 | 31.52 | 0                 | 0    | 0      | 15.282 | 17.733 | 33.014 | 0         | 0    | 0      | 17.886 | 17.579 | 35.465 |       |
| Exiting Leg Total | 823       |      |        |        |        |       | 862               |      |        |        |        |        | 926       |      |        |        |        |        | 2611  |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

| 8:00 AM          | Broadway  |       |        |       |       |       | Trowbridge Street |       |        |       |       |       | Broadway  |       |        |       |       |       | Total |
|------------------|-----------|-------|--------|-------|-------|-------|-------------------|-------|--------|-------|-------|-------|-----------|-------|--------|-------|-------|-------|-------|
|                  | from East |       |        |       |       |       | from South        |       |        |       |       |       | from West |       |        |       |       |       |       |
|                  | Thru      | Left  | U-Turn | CW-SB | CW-NB | Total | Right             | Left  | U-Turn | CW-WB | CW-EB | Total | Right     | Thru  | U-Turn | CW-NB | CW-SB | Total |       |
| 8:00 AM          | 0         | 0     | 0      | 1     | 6     | 7     | 0                 | 0     | 0      | 9     | 7     | 16    | 0         | 0     | 0      | 18    | 5     | 23    | 46    |
| 8:15 AM          | 0         | 0     | 0      | 0     | 23    | 23    | 0                 | 0     | 0      | 16    | 9     | 25    | 0         | 0     | 0      | 70    | 5     | 75    | 123   |
| 8:30 AM          | 0         | 0     | 0      | 3     | 14    | 17    | 0                 | 0     | 0      | 30    | 6     | 36    | 0         | 0     | 0      | 31    | 2     | 33    | 86    |
| 8:45 AM          | 0         | 0     | 0      | 1     | 7     | 8     | 0                 | 0     | 0      | 7     | 4     | 11    | 0         | 0     | 0      | 7     | 4     | 11    | 30    |
| Total Volume     | 0         | 0     | 0      | 5     | 50    | 55    | 0                 | 0     | 0      | 62    | 26    | 88    | 0         | 0     | 0      | 126   | 16    | 142   | 285   |
| % Approach Total | 0.0       | 0.0   | 0.0    | 9.1   | 90.9  |       | 0.0               | 0.0   | 0.0    | 70.5  | 29.5  |       | 0.0       | 0.0   | 0.0    | 88.7  | 11.3  |       |       |
| PHF              | 0.000     | 0.000 | 0.000  | 0.417 | 0.543 | 0.598 | 0.000             | 0.000 | 0.000  | 0.517 | 0.722 | 0.611 | 0.000     | 0.000 | 0.000  | 0.450 | 0.800 | 0.473 | 0.579 |
| Entering Leg     | 0         | 0     | 0      | 5     | 50    | 55    | 0                 | 0     | 0      | 62    | 26    | 88    | 0         | 0     | 0      | 126   | 16    | 142   | 285   |
| Exiting Leg      | 55        |       |        |       |       |       | 88                |       |        |       |       |       | 142       |       |        |       |       |       | 285   |
| Total            | 110       |       |        |       |       |       | 176               |       |        |       |       |       | 284       |       |        |       |       |       | 570   |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

| 11:30 AM         | Broadway  |       |        |       |       |       | Trowbridge Street |       |        |       |       |       | Broadway  |       |        |       |       |       | Total |
|------------------|-----------|-------|--------|-------|-------|-------|-------------------|-------|--------|-------|-------|-------|-----------|-------|--------|-------|-------|-------|-------|
|                  | from East |       |        |       |       |       | from South        |       |        |       |       |       | from West |       |        |       |       |       |       |
|                  | Thru      | Left  | U-Turn | CW-SB | CW-NB | Total | Right             | Left  | U-Turn | CW-WB | CW-EB | Total | Right     | Thru  | U-Turn | CW-NB | CW-SB | Total |       |
| 11:30 AM         | 0         | 0     | 0      | 44    | 26    | 70    | 0                 | 0     | 0      | 8     | 20    | 28    | 0         | 0     | 0      | 6     | 14    | 20    | 118   |
| 11:45 AM         | 0         | 0     | 0      | 21    | 48    | 69    | 0                 | 0     | 0      | 23    | 24    | 47    | 0         | 0     | 0      | 12    | 8     | 20    | 136   |
| 12:00 PM         | 0         | 0     | 0      | 4     | 20    | 24    | 0                 | 0     | 0      | 6     | 4     | 10    | 0         | 0     | 0      | 5     | 20    | 25    | 59    |
| 12:15 PM         | 0         | 0     | 0      | 36    | 20    | 56    | 0                 | 0     | 0      | 20    | 24    | 44    | 0         | 0     | 0      | 6     | 14    | 20    | 120   |
| Total Volume     | 0         | 0     | 0      | 105   | 114   | 219   | 0                 | 0     | 0      | 57    | 72    | 129   | 0         | 0     | 0      | 29    | 56    | 85    | 433   |
| % Approach Total | 0.0       | 0.0   | 0.0    | 47.9  | 52.1  |       | 0.0               | 0.0   | 0.0    | 44.2  | 55.8  |       | 0.0       | 0.0   | 0.0    | 34.1  | 65.9  |       |       |
| PHF              | 0.000     | 0.000 | 0.000  | 0.597 | 0.594 | 0.782 | 0.000             | 0.000 | 0.000  | 0.620 | 0.750 | 0.686 | 0.000     | 0.000 | 0.000  | 0.604 | 0.700 | 0.850 | 0.796 |
| Entering Leg     | 0         | 0     | 0      | 105   | 114   | 219   | 0                 | 0     | 0      | 57    | 72    | 129   | 0         | 0     | 0      | 29    | 56    | 85    | 433   |
| Exiting Leg      | 219       |       |        |       |       |       | 129               |       |        |       |       |       | 85        |       |        |       |       |       | 433   |
| Total            | 438       |       |        |       |       |       | 258               |       |        |       |       |       | 170       |       |        |       |       |       | 866   |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

| 3:00 PM          | Broadway  |       |        |       |       |       | Trowbridge Street |       |        |       |       |       | Broadway  |       |        |       |       |       | Total |
|------------------|-----------|-------|--------|-------|-------|-------|-------------------|-------|--------|-------|-------|-------|-----------|-------|--------|-------|-------|-------|-------|
|                  | from East |       |        |       |       |       | from South        |       |        |       |       |       | from West |       |        |       |       |       |       |
|                  | Thru      | Left  | U-Turn | CW-SB | CW-NB | Total | Right             | Left  | U-Turn | CW-WB | CW-EB | Total | Right     | Thru  | U-Turn | CW-NB | CW-SB | Total |       |
| 3:00 PM          | 0         | 0     | 0      | 38    | 15    | 53    | 0                 | 0     | 0      | 5     | 20    | 25    | 0         | 0     | 0      | 9     | 77    | 86    | 164   |
| 3:15 PM          | 0         | 0     | 0      | 21    | 9     | 30    | 0                 | 0     | 0      | 4     | 17    | 21    | 0         | 0     | 0      | 15    | 34    | 49    | 100   |
| 3:30 PM          | 0         | 0     | 0      | 13    | 7     | 20    | 0                 | 0     | 0      | 6     | 8     | 14    | 0         | 0     | 0      | 13    | 14    | 27    | 61    |
| 3:45 PM          | 0         | 0     | 0      | 8     | 18    | 26    | 0                 | 0     | 0      | 8     | 9     | 17    | 0         | 0     | 0      | 13    | 30    | 43    | 86    |
| Total Volume     | 0         | 0     | 0      | 80    | 49    | 129   | 0                 | 0     | 0      | 23    | 54    | 77    | 0         | 0     | 0      | 50    | 155   | 205   | 411   |
| % Approach Total | 0.0       | 0.0   | 0.0    | 62.0  | 38.0  |       | 0.0               | 0.0   | 0.0    | 29.9  | 70.1  |       | 0.0       | 0.0   | 0.0    | 24.4  | 75.6  |       |       |
| PHF              | 0.000     | 0.000 | 0.000  | 0.526 | 0.681 | 0.608 | 0.000             | 0.000 | 0.000  | 0.719 | 0.675 | 0.770 | 0.000     | 0.000 | 0.000  | 0.833 | 0.503 | 0.596 | 0.627 |
| Entering Leg     | 0         | 0     | 0      | 80    | 49    | 129   | 0                 | 0     | 0      | 23    | 54    | 77    | 0         | 0     | 0      | 50    | 155   | 205   | 411   |
| Exiting Leg      | 129       |       |        |       |       |       | 77                |       |        |       |       |       | 205       |       |        |       |       |       | 411   |
| Total            | 258       |       |        |       |       |       | 154               |       |        |       |       |       | 410       |       |        |       |       |       | 822   |







PDI File #: **240156 B**  
 Location: **N: Ellery Street S: Ellery Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                    | Ellery Street            |       |       |        |       | Broadway           |       |       |        |       | Ellery Street            |       |       |        |       | Broadway           |       |       |        |       | Total |
|--------------------|--------------------------|-------|-------|--------|-------|--------------------|-------|-------|--------|-------|--------------------------|-------|-------|--------|-------|--------------------|-------|-------|--------|-------|-------|
|                    | from North               |       |       |        |       | from East          |       |       |        |       | from South               |       |       |        |       | from West          |       |       |        |       |       |
|                    | Right                    | Thru  | Left  | U-Turn | Total | Right              | Thru  | Left  | U-Turn | Total | Right                    | Thru  | Left  | U-Turn | Total | Right              | Thru  | Left  | U-Turn | Total |       |
| 5:00 PM            | Ellery Street from North |       |       |        |       | Broadway from East |       |       |        |       | Ellery Street from South |       |       |        |       | Broadway from West |       |       |        |       |       |
| 5:00 PM            | 4                        | 41    | 12    | 0      | 57    | 0                  | 104   | 0     | 0      | 104   | 0                        | 0     | 0     | 0      | 0     | 18                 | 101   | 0     | 0      | 119   | 280   |
| 5:15 PM            | 6                        | 39    | 14    | 0      | 59    | 0                  | 89    | 3     | 0      | 92    | 0                        | 0     | 0     | 0      | 0     | 16                 | 105   | 0     | 0      | 121   | 272   |
| 5:30 PM            | 10                       | 34    | 17    | 0      | 61    | 0                  | 82    | 4     | 0      | 86    | 0                        | 0     | 0     | 0      | 0     | 10                 | 125   | 0     | 0      | 135   | 282   |
| 5:45 PM            | 10                       | 28    | 10    | 0      | 48    | 0                  | 101   | 2     | 0      | 103   | 0                        | 0     | 0     | 0      | 0     | 17                 | 94    | 0     | 0      | 111   | 262   |
| Total Volume       | 30                       | 142   | 53    | 0      | 225   | 0                  | 376   | 9     | 0      | 385   | 0                        | 0     | 0     | 0      | 0     | 61                 | 425   | 0     | 0      | 486   | 1096  |
| % Approach Total   | 13.3                     | 63.1  | 23.6  | 0.0    |       | 0.0                | 97.7  | 2.3   | 0.0    |       | 0.0                      | 0.0   | 0.0   | 0.0    |       | 12.6               | 87.4  | 0.0   | 0.0    |       |       |
| PHF                | 0.750                    | 0.866 | 0.779 | 0.000  | 0.922 | 0.000              | 0.904 | 0.563 | 0.000  | 0.925 | 0.000                    | 0.000 | 0.000 | 0.000  | 0.000 | 0.847              | 0.850 | 0.000 | 0.000  | 0.900 | 0.972 |
| Cars               | 29                       | 140   | 49    | 0      | 218   | 0                  | 373   | 9     | 0      | 382   | 0                        | 0     | 0     | 0      | 0     | 60                 | 414   | 0     | 0      | 474   | 1074  |
| Cars %             | 96.7                     | 98.6  | 92.5  | 0.0    | 96.9  | 0.0                | 99.2  | 100.0 | 0.0    | 99.2  | 0.0                      | 0.0   | 0.0   | 0.0    | 0.0   | 98.4               | 97.4  | 0.0   | 0.0    | 97.5  | 98.0  |
| Heavy Vehicles     | 1                        | 2     | 4     | 0      | 7     | 0                  | 3     | 0     | 0      | 3     | 0                        | 0     | 0     | 0      | 0     | 1                  | 11    | 0     | 0      | 12    | 22    |
| Heavy Vehicles %   | 3.3                      | 1.4   | 7.5   | 0.0    | 3.1   | 0.0                | 0.8   | 0.0   | 0.0    | 0.8   | 0.0                      | 0.0   | 0.0   | 0.0    | 0.0   | 1.6                | 2.6   | 0.0   | 0.0    | 2.5   | 2.0   |
| Cars Enter Leg     | 29                       | 140   | 49    | 0      | 218   | 0                  | 373   | 9     | 0      | 382   | 0                        | 0     | 0     | 0      | 0     | 60                 | 414   | 0     | 0      | 474   | 1074  |
| Heavy Enter Leg    | 1                        | 2     | 4     | 0      | 7     | 0                  | 3     | 0     | 0      | 3     | 0                        | 0     | 0     | 0      | 0     | 1                  | 11    | 0     | 0      | 12    | 22    |
| Total Entering Leg | 30                       | 142   | 53    | 0      | 225   | 0                  | 376   | 9     | 0      | 385   | 0                        | 0     | 0     | 0      | 0     | 61                 | 425   | 0     | 0      | 486   | 1096  |
| Cars Exiting Leg   |                          |       |       |        |       |                    |       |       |        |       |                          |       |       |        |       |                    |       |       |        |       | 0     |
| Heavy Exiting Leg  |                          |       |       |        |       |                    |       |       |        |       |                          |       |       |        |       |                    |       |       |        |       | 0     |
| Total Exiting Leg  |                          |       |       |        |       |                    |       |       |        |       |                          |       |       |        |       |                    |       |       |        |       | 0     |









PDI File #: **240156 B**  
 Location: **N: Ellery Street S: Ellery Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|                    | Ellery Street |      |      |        |       | Broadway  |      |      |        |       | Ellery Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|--------------------|---------------|------|------|--------|-------|-----------|------|------|--------|-------|---------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|                    | from North    |      |      |        |       | from East |      |      |        |       | from South    |      |      |        |       | from West |      |      |        |       |       |
|                    | Right         | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right         | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| Articulated Trucks | 0             | 1    | 1    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 0             | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 3     |
| Articulated %      | 0.0           | 8.3  | 25.0 | 0.0    | 10.5  | 0.0       | 7.7  | 0.0  | 0.0    | 7.7   | 0.0           | 0.0  | 0.0  | 0.0    | 0.0   | 0.0       | 0.0  | 0.0  | 0.0    | 0.0   | 5.8   |
| Buses              | 2             | 2    | 0    | 0      | 4     | 0         | 5    | 0    | 0      | 5     | 0             | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 12    |
| Single-Unit Trucks | 1             | 9    | 3    | 0      | 13    | 0         | 7    | 0    | 0      | 7     | 0             | 0    | 0    | 0      | 0     | 2         | 15   | 0    | 0      | 17    | 37    |
| Articulated Trucks | 0             | 1    | 1    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 0             | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 3     |
| Total Entering Leg | 3             | 12   | 4    | 0      | 19    | 0         | 13   | 0    | 0      | 13    | 0             | 0    | 0    | 0      | 0     | 3         | 17   | 0    | 0      | 20    | 52    |
| Buses              |               |      |      |        | 0     |           |      |      |        | 2     |               |      |      |        | 3     |           |      |      |        | 7     | 12    |
| Single-Unit Trucks |               |      |      |        | 0     |           |      |      |        | 18    |               |      |      |        | 11    |           |      |      |        | 8     | 37    |
| Articulated Trucks |               |      |      |        | 0     |           |      |      |        | 1     |               |      |      |        | 1     |           |      |      |        | 1     | 3     |
| Total Exiting Leg  |               |      |      |        | 0     |           |      |      |        | 21    |               |      |      |        | 15    |           |      |      |        | 16    | 52    |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                    | Ellery Street |       |       |        |       | Broadway  |       |       |        |       | Ellery Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|---------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|---------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North    |       |       |        |       | from East |       |       |        |       | from South    |       |       |        |       | from West |       |       |        |       |       |
|                    | Right         | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right         | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 2:15 PM            | 0             | 0     | 0     | 0      | 0     | 0         | 8     | 0     | 0      | 8     | 0             | 0     | 0     | 0      | 0     | 1         | 3     | 0     | 0      | 4     | 12    |
| 2:30 PM            | 0             | 2     | 1     | 0      | 3     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 6     |
| 2:45 PM            | 0             | 1     | 0     | 0      | 1     | 0         | 4     | 0     | 0      | 4     | 0             | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 9     |
| 3:00 PM            | 0             | 2     | 1     | 0      | 3     | 0         | 3     | 0     | 0      | 3     | 0             | 0     | 0     | 0      | 0     | 1         | 2     | 0     | 0      | 3     | 9     |
| Total Volume       | 0             | 5     | 2     | 0      | 7     | 0         | 16    | 0     | 0      | 16    | 0             | 0     | 0     | 0      | 0     | 2         | 11    | 0     | 0      | 13    | 36    |
| % Approach Total   | 0.0           | 71.4  | 28.6  | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0           | 0.0   | 0.0   | 0.0    |       | 15.4      | 84.6  | 0.0   | 0.0    |       |       |
| PHF                | 0.000         | 0.625 | 0.500 | 0.000  | 0.583 | 0.000     | 0.500 | 0.000 | 0.000  | 0.500 | 0.000         | 0.000 | 0.000 | 0.000  | 0.000 | 0.500     | 0.688 | 0.000 | 0.000  | 0.813 | 0.750 |
| Buses              | 0             | 2     | 0     | 0      | 2     | 0         | 9     | 0     | 0      | 9     | 0             | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 16    |
| Buses %            | 0.0           | 40.0  | 0.0   | 0.0    | 28.6  | 0.0       | 56.3  | 0.0   | 0.0    | 56.3  | 0.0           | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 45.5  | 0.0   | 0.0    | 38.5  | 44.4  |
| Single-Unit Trucks | 0             | 3     | 2     | 0      | 5     | 0         | 6     | 0     | 0      | 6     | 0             | 0     | 0     | 0      | 0     | 2         | 6     | 0     | 0      | 8     | 19    |
| Single-Unit %      | 0.0           | 60.0  | 100.0 | 0.0    | 71.4  | 0.0       | 37.5  | 0.0   | 0.0    | 37.5  | 0.0           | 0.0   | 0.0   | 0.0    | 0.0   | 100.0     | 54.5  | 0.0   | 0.0    | 61.5  | 52.8  |
| Articulated Trucks | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| Articulated %      | 0.0           | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 6.3   | 0.0   | 0.0    | 6.3   | 0.0           | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 0.0   | 0.0   | 0.0    | 0.0   | 2.8   |
| Buses              | 0             | 2     | 0     | 0      | 2     | 0         | 9     | 0     | 0      | 9     | 0             | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 16    |
| Single-Unit Trucks | 0             | 3     | 2     | 0      | 5     | 0         | 6     | 0     | 0      | 6     | 0             | 0     | 0     | 0      | 0     | 2         | 6     | 0     | 0      | 8     | 19    |
| Articulated Trucks | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| Total Entering Leg | 0             | 5     | 2     | 0      | 7     | 0         | 16    | 0     | 0      | 16    | 0             | 0     | 0     | 0      | 0     | 2         | 11    | 0     | 0      | 13    | 36    |
| Buses              |               |       |       |        | 0     |           |       |       |        | 5     |               |       |       |        | 2     |           |       |       |        | 9     | 16    |
| Single-Unit Trucks |               |       |       |        | 0     |           |       |       |        | 8     |               |       |       |        | 5     |           |       |       |        | 6     | 19    |
| Articulated Trucks |               |       |       |        | 0     |           |       |       |        | 0     |               |       |       |        | 0     |           |       |       |        | 1     | 1     |
| Total Exiting Leg  |               |       |       |        | 0     |           |       |       |        | 13    |               |       |       |        | 7     |           |       |       |        | 16    | 36    |













PDI File #: **240156 B**  
 Location: **N: Ellery Street S: Ellery Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|                   | Ellery Street |          |          |          |          | Broadway  |          |          |          |          | Ellery Street |          |          |          |          | Broadway  |          |          |          |          | Total    |
|-------------------|---------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|---------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|                   | from North    |          |          |          |          | from East |          |          |          |          | from South    |          |          |          |          | from West |          |          |          |          |          |
|                   | Right         | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right         | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |          |
| 6:30 PM           | 0             | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0             | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |
| 6:45 PM           | 0             | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0             | 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>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>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |
| Grand Total       | 0             | 4        | 4        | 0        | 8        | 0         | 7        | 0        | 0        | 7        | 0             | 0        | 0        | 0        | 0        | 0         | 12       | 0        | 0        | 12       | 27       |
| Approach %        | 0.0           | 50.0     | 50.0     | 0.0      |          | 0.0       | 100.0    | 0.0      | 0.0      |          | 0.0           | 0.0      | 0.0      | 0.0      |          | 0.0       | 100.0    | 0.0      | 0.0      |          |          |
| Total %           | 0.0           | 14.8     | 14.8     | 0.0      | 29.6     | 0.0       | 25.9     | 0.0      | 0.0      | 25.9     | 0.0           | 0.0      | 0.0      | 0.0      | 0.0      | 0.0       | 44.4     | 0.0      | 0.0      | 44.4     |          |
| Exiting Leg Total | 0             |          |          |          |          | 16        |          |          |          |          | 4             |          |          |          |          | 7         |          |          |          |          | 27       |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Ellery Street |       |       |        |       | Broadway  |       |       |        |       | Ellery Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|---------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|---------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North    |       |       |        |       | from East |       |       |        |       | from South    |       |       |        |       | from West |       |       |        |       |       |
|                  | Right         | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right         | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:30 AM          | 0             | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 7:45 AM          | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 1     |
| 8:00 AM          | 0             | 1     | 0     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 2     |
| 8:15 AM          | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 2     |
| Total Volume     | 0             | 1     | 1     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 6     |
| % Approach Total | 0.0           | 50.0  | 50.0  | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0           | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000         | 0.250 | 0.250 | 0.000  | 0.500 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 0.000         | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.750 | 0.000 | 0.000  | 0.750 | 0.750 |
| Entering Leg     | 0             | 1     | 1     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 6     |
| Exiting Leg      | 0             |       |       |        |       | 4         |       |       |        |       | 1             |       |       |        |       | 1         |       |       |        |       | 6     |
| Total            | 2             |       |       |        |       | 5         |       |       |        |       | 1             |       |       |        |       | 4         |       |       |        |       | 12    |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Ellery Street |       |       |        |       | Broadway  |       |       |        |       | Ellery Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|---------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|---------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North    |       |       |        |       | from East |       |       |        |       | from South    |       |       |        |       | from West |       |       |        |       |       |
|                  | Right         | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right         | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 11:15 AM         | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 11:30 AM         | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 3     |
| 11:45 AM         | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 4     |
| 12:00 PM         | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 1     |
| Total Volume     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 7     | 0     | 0      | 7     | 8     |
| % Approach Total | 0.0           | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0           | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000         | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 0.000         | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.438 | 0.000 | 0.000  | 0.438 | 0.500 |
| Entering Leg     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0             | 0     | 0     | 0      | 0     | 0         | 7     | 0     | 0      | 7     | 8     |
| Exiting Leg      | 0             |       |       |        |       | 7         |       |       |        |       | 0             |       |       |        |       | 1         |       |       |        |       | 8     |
| Total            | 0             |       |       |        |       | 8         |       |       |        |       | 0             |       |       |        |       | 8         |       |       |        |       | 16    |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Ellery Street |       |       |        |       | Broadway  |       |       |        |       | Ellery Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|---------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|---------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North    |       |       |        |       | from East |       |       |        |       | from South    |       |       |        |       | from West |       |       |        |       |       |
|                  | Right         | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right         | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 5:00 PM          | 0             | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 2     |
| 5:15 PM          | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 5:30 PM          | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 5:45 PM          | 0             | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| Total Volume     | 0             | 0     | 2     | 0      | 2     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 3     |
| % Approach Total | 0.0           | 0.0   | 100.0 | 0.0    |       | 0.0       | 0.0   | 0.0   | 0.0    |       | 0.0           | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000         | 0.000 | 0.500 | 0.000  | 0.500 | 0.000     | 0.000 | 0.000 | 0.000  | 0.000 | 0.000         | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 0.375 |
| Entering Leg     | 0             | 0     | 2     | 0      | 2     | 0         | 0     | 0     | 0      | 0     | 0             | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 3     |
| Exiting Leg      | 0             |       |       |        |       | 3         |       |       |        |       | 0             |       |       |        |       | 0         |       |       |        |       | 3     |
| Total            | 2             |       |       |        |       | 3         |       |       |        |       | 0             |       |       |        |       | 1         |       |       |        |       | 6     |















PDI File #: **240156 C**  
 Location: **N: Fayette Street S: Lee Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                    | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |      |
|--------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|------|
|                    | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |      |
|                    | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |      |
| 5:00 PM            | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       |       |      |
|                    | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |      |
|                    | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Total |      |
| 5:00 PM            | 0              | 0     | 0     | 0      | 0     | 14        | 113   | 0     | 0      | 127   | 4          | 24    | 17    | 0      | 45    | 0         | 97    | 10    | 0      | 107   | 279   |      |
| 5:15 PM            | 0              | 0     | 1     | 0      | 1     | 11        | 107   | 0     | 0      | 118   | 3          | 28    | 11    | 0      | 42    | 0         | 95    | 9     | 0      | 104   | 265   |      |
| 5:30 PM            | 0              | 0     | 0     | 0      | 0     | 10        | 112   | 0     | 0      | 122   | 11         | 30    | 12    | 0      | 53    | 0         | 124   | 7     | 0      | 131   | 306   |      |
| 5:45 PM            | 0              | 0     | 0     | 0      | 0     | 9         | 118   | 0     | 0      | 127   | 7          | 21    | 7     | 0      | 35    | 0         | 103   | 6     | 0      | 109   | 271   |      |
| Total Volume       | 0              | 0     | 1     | 0      | 1     | 44        | 450   | 0     | 0      | 494   | 25         | 103   | 47    | 0      | 175   | 0         | 419   | 32    | 0      | 451   | 1121  |      |
| % Approach Total   | 0.0            | 0.0   | 100.0 | 0.0    |       | 8.9       | 91.1  | 0.0   | 0.0    |       | 14.3       | 58.9  | 26.9  | 0.0    |       | 0.0       | 92.9  | 7.1   | 0.0    |       |       |      |
| PHF                | 0.000          | 0.000 | 0.250 | 0.000  | 0.250 | 0.786     | 0.953 | 0.000 | 0.000  | 0.972 | 0.568      | 0.858 | 0.691 | 0.000  | 0.825 | 0.000     | 0.845 | 0.800 | 0.000  | 0.861 | 0.916 |      |
| Cars               | 0              | 0     | 1     | 0      | 1     | 43        | 446   | 0     | 0      | 489   | 25         | 102   | 47    | 0      | 174   | 0         | 410   | 32    | 0      | 442   | 1106  |      |
| Cars %             | 0.0            | 0.0   | 100.0 | 0.0    | 100.0 | 97.7      | 99.1  | 0.0   | 0.0    | 99.0  | 100.0      | 99.0  | 100.0 | 0.0    | 99.4  | 0.0       | 97.9  | 100.0 | 0.0    | 98.0  | 98.7  |      |
| Heavy Vehicles     | 0              | 0     | 0     | 0      | 0     | 1         | 4     | 0     | 0      | 5     | 0          | 1     | 0     | 0      | 1     | 0         | 9     | 0     | 0      | 9     | 15    |      |
| Heavy Vehicles %   | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 2.3       | 0.9   | 0.0   | 0.0    | 1.0   | 0.0        | 1.0   | 0.0   | 0.0    | 0.6   | 0.0       | 2.1   | 0.0   | 0.0    | 2.0   | 1.3   |      |
| Cars Enter Leg     | 0              | 0     | 1     | 0      | 1     | 43        | 446   | 0     | 0      | 489   | 25         | 102   | 47    | 0      | 174   | 0         | 410   | 32    | 0      | 442   | 1106  |      |
| Heavy Enter Leg    | 0              | 0     | 0     | 0      | 0     | 1         | 4     | 0     | 0      | 5     | 0          | 1     | 0     | 0      | 1     | 0         | 9     | 0     | 0      | 9     | 15    |      |
| Total Entering Leg | 0              | 0     | 1     | 0      | 1     | 44        | 450   | 0     | 0      | 494   | 25         | 103   | 47    | 0      | 175   | 0         | 419   | 32    | 0      | 451   | 1121  |      |
| Cars Exiting Leg   |                |       |       |        |       | 177       |       |       |        |       | 436        |       |       |        |       | 0         |       |       |        |       | 493   | 1106 |
| Heavy Exiting Leg  |                |       |       |        |       | 2         |       |       |        |       | 9          |       |       |        |       | 0         |       |       |        |       | 4     | 15   |
| Total Exiting Leg  |                |       |       |        |       | 179       |       |       |        |       | 445        |       |       |        |       | 0         |       |       |        |       | 497   | 1121 |



PDI File #: 240156 C  
Location: N: Fayette Street S: Lee Street  
Location: E: Broadway W: Broadway  
City, State: Cambridge, MA  
Client: Kittelson/M. Sanders  
Site Code: 274770.007  
Count Date: Tuesday, September 10, 2024  
Start Time: 7:00 AM  
End Time: 7:00 PM  
Class:



**Cars**

|                   | Fayette Street |      |      |        |       | Broadway  |      |      |        |       | Lee Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|-------------------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|                   | from North     |      |      |        |       | from East |      |      |        |       | from South |      |      |        |       | from West |      |      |        |       |       |
|                   | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right      | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 6:30 PM           | 0              | 0    | 0    | 0      | 0     | 11        | 103  | 0    | 0      | 114   | 7          | 21   | 5    | 0      | 33    | 0         | 96   | 14   | 0      | 110   | 257   |
| 6:45 PM           | 0              | 0    | 0    | 0      | 0     | 10        | 95   | 0    | 0      | 105   | 13         | 16   | 7    | 0      | 36    | 0         | 74   | 8    | 0      | 82    | 223   |
| Total             | 0              | 0    | 0    | 0      | 0     | 38        | 376  | 0    | 0      | 414   | 40         | 76   | 25   | 0      | 141   | 0         | 403  | 38   | 0      | 441   | 996   |
| Grand Total       | 1              | 0    | 2    | 0      | 3     | 450       | 3316 | 0    | 2      | 3768  | 364        | 577  | 289  | 2      | 1232  | 6         | 4312 | 355  | 3      | 4676  | 9679  |
| Approach %        | 33.3           | 0.0  | 66.7 | 0.0    |       | 11.9      | 88.0 | 0.0  | 0.1    |       | 29.5       | 46.8 | 23.5 | 0.2    |       | 0.1       | 92.2 | 7.6  | 0.1    |       |       |
| Total %           | 0.0            | 0.0  | 0.0  | 0.0    | 0.0   | 4.6       | 34.3 | 0.0  | 0.0    | 38.9  | 3.8        | 6.0  | 3.0  | 0.0    | 12.7  | 0.1       | 44.6 | 3.7  | 0.0    | 48.3  |       |
| Exiting Leg Total | 1382           |      |      |        |       | 4680      |      |      |        |       | 8          |      |      |        |       | 3609      |      |      |        |       | 9679  |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 8:00 AM          | 0              | 0     | 0     | 0      | 0     | 14        | 68    | 0     | 0      | 82    | 13         | 7     | 8     | 1      | 29    | 0         | 118   | 8     | 0      | 126   | 237   |
| 8:15 AM          | 0              | 0     | 0     | 0      | 0     | 9         | 92    | 0     | 0      | 101   | 6          | 11    | 7     | 0      | 24    | 0         | 106   | 6     | 0      | 112   | 237   |
| 8:30 AM          | 0              | 0     | 0     | 0      | 0     | 8         | 83    | 0     | 0      | 91    | 13         | 8     | 8     | 0      | 29    | 0         | 119   | 13    | 0      | 132   | 252   |
| 8:45 AM          | 0              | 0     | 0     | 0      | 0     | 18        | 57    | 0     | 0      | 75    | 22         | 14    | 5     | 0      | 41    | 0         | 131   | 4     | 0      | 135   | 251   |
| Total Volume     | 0              | 0     | 0     | 0      | 0     | 49        | 300   | 0     | 0      | 349   | 54         | 40    | 28    | 1      | 123   | 0         | 474   | 31    | 0      | 505   | 977   |
| % Approach Total | 0.0            | 0.0   | 0.0   | 0.0    |       | 14.0      | 86.0  | 0.0   | 0.0    |       | 43.9       | 32.5  | 22.8  | 0.8    |       | 0.0       | 93.9  | 6.1   | 0.0    |       |       |
| PHF              | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.681     | 0.815 | 0.000 | 0.000  | 0.864 | 0.614      | 0.714 | 0.875 | 0.250  | 0.750 | 0.000     | 0.905 | 0.596 | 0.000  | 0.935 | 0.969 |
| Entering Leg     | 0              | 0     | 0     | 0      | 0     | 49        | 300   | 0     | 0      | 349   | 54         | 40    | 28    | 1      | 123   | 0         | 474   | 31    | 0      | 505   | 977   |
| Exiting Leg      | 120            |       |       |        |       | 528       |       |       |        |       | 1          |       |       |        |       | 328       |       |       |        |       | 977   |
| Total            | 120            |       |       |        |       | 877       |       |       |        |       | 124        |       |       |        |       | 833       |       |       |        |       | 1954  |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 1:45 PM          | 0              | 0     | 0     | 0      | 0     | 10        | 68    | 0     | 0      | 78    | 2          | 7     | 2     | 0      | 11    | 0         | 74    | 5     | 0      | 79    | 168   |
| 2:00 PM          | 0              | 0     | 0     | 0      | 0     | 15        | 65    | 0     | 0      | 80    | 8          | 6     | 6     | 0      | 20    | 0         | 70    | 6     | 0      | 76    | 176   |
| 2:15 PM          | 0              | 0     | 0     | 0      | 0     | 10        | 74    | 0     | 0      | 84    | 9          | 9     | 6     | 0      | 24    | 0         | 82    | 6     | 0      | 88    | 196   |
| 2:30 PM          | 0              | 0     | 0     | 0      | 0     | 5         | 79    | 0     | 0      | 84    | 11         | 13    | 9     | 0      | 33    | 0         | 80    | 6     | 0      | 86    | 203   |
| Total Volume     | 0              | 0     | 0     | 0      | 0     | 40        | 286   | 0     | 0      | 326   | 30         | 35    | 23    | 0      | 88    | 0         | 306   | 23    | 0      | 329   | 743   |
| % Approach Total | 0.0            | 0.0   | 0.0   | 0.0    |       | 12.3      | 87.7  | 0.0   | 0.0    |       | 34.1       | 39.8  | 26.1  | 0.0    |       | 0.0       | 93.0  | 7.0   | 0.0    |       |       |
| PHF              | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.667     | 0.905 | 0.000 | 0.000  | 0.970 | 0.682      | 0.673 | 0.639 | 0.000  | 0.667 | 0.000     | 0.933 | 0.958 | 0.000  | 0.935 | 0.915 |
| Entering Leg     | 0              | 0     | 0     | 0      | 0     | 40        | 286   | 0     | 0      | 326   | 30         | 35    | 23    | 0      | 88    | 0         | 306   | 23    | 0      | 329   | 743   |
| Exiting Leg      | 98             |       |       |        |       | 336       |       |       |        |       | 0          |       |       |        |       | 309       |       |       |        |       | 743   |
| Total            | 98             |       |       |        |       | 662       |       |       |        |       | 88         |       |       |        |       | 638       |       |       |        |       | 1486  |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 5:00 PM          | 0              | 0     | 0     | 0      | 0     | 14        | 112   | 0     | 0      | 126   | 4          | 24    | 17    | 0      | 45    | 0         | 94    | 10    | 0      | 104   | 275   |
| 5:15 PM          | 0              | 0     | 1     | 0      | 1     | 11        | 106   | 0     | 0      | 117   | 3          | 28    | 11    | 0      | 42    | 0         | 92    | 9     | 0      | 101   | 261   |
| 5:30 PM          | 0              | 0     | 0     | 0      | 0     | 10        | 110   | 0     | 0      | 120   | 11         | 30    | 12    | 0      | 53    | 0         | 123   | 7     | 0      | 130   | 303   |
| 5:45 PM          | 0              | 0     | 0     | 0      | 0     | 8         | 118   | 0     | 0      | 126   | 7          | 20    | 7     | 0      | 34    | 0         | 101   | 6     | 0      | 107   | 267   |
| Total Volume     | 0              | 0     | 1     | 0      | 1     | 43        | 446   | 0     | 0      | 489   | 25         | 102   | 47    | 0      | 174   | 0         | 410   | 32    | 0      | 442   | 1106  |
| % Approach Total | 0.0            | 0.0   | 100.0 | 0.0    |       | 8.8       | 91.2  | 0.0   | 0.0    |       | 14.4       | 58.6  | 27.0  | 0.0    |       | 0.0       | 92.8  | 7.2   | 0.0    |       |       |
| PHF              | 0.000          | 0.000 | 0.250 | 0.000  | 0.250 | 0.768     | 0.945 | 0.000 | 0.000  | 0.970 | 0.568      | 0.850 | 0.691 | 0.000  | 0.821 | 0.000     | 0.833 | 0.800 | 0.000  | 0.850 | 0.913 |
| Entering Leg     | 0              | 0     | 1     | 0      | 1     | 43        | 446   | 0     | 0      | 489   | 25         | 102   | 47    | 0      | 174   | 0         | 410   | 32    | 0      | 442   | 1106  |
| Exiting Leg      | 177            |       |       |        |       | 436       |       |       |        |       | 0          |       |       |        |       | 493       |       |       |        |       | 1106  |
| Total            | 178            |       |       |        |       | 925       |       |       |        |       | 174        |       |       |        |       | 935       |       |       |        |       | 2212  |





PDI File #: **240156 C**  
 Location: **N: Fayette Street S: Lee Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|                    | Fayette Street |      |      |        |       | Broadway  |      |      |        |       | Lee Street |      |       |        |       | Broadway  |      |      |        |       | Total |    |
|--------------------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|------------|------|-------|--------|-------|-----------|------|------|--------|-------|-------|----|
|                    | from North     |      |      |        |       | from East |      |      |        |       | from South |      |       |        |       | from West |      |      |        |       |       |    |
|                    | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right      | Thru | Left  | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |    |
| Articulated Trucks | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0          | 0    | 1     | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 2     |    |
| Articulated %      | 0.0            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0       | 0.0  | 0.0  | 0.0    | 0.0   | 0.0        | 0.0  | 100.0 | 0.0    | 25.0  | 0.0       | 4.8  | 0.0  | 0.0    | 4.0   | 4.7   |    |
| Buses              | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0          | 0    | 0     | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 6     |    |
| Single-Unit Trucks | 0              | 0    | 0    | 0      | 0     | 3         | 9    | 0    | 0      | 12    | 1          | 2    | 0     | 0      | 3     | 0         | 16   | 4    | 0      | 20    | 35    |    |
| Articulated Trucks | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0          | 0    | 1     | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 2     |    |
| Total Entering Leg | 0              | 0    | 0    | 0      | 0     | 3         | 11   | 0    | 0      | 14    | 1          | 2    | 1     | 0      | 4     | 0         | 21   | 4    | 0      | 25    | 43    |    |
| Buses              |                |      |      |        |       |           |      |      |        |       |            |      |       |        |       |           |      |      |        |       | 2     | 6  |
| Single-Unit Trucks |                |      |      |        |       |           |      |      |        |       |            |      |       |        |       |           |      |      |        |       | 9     | 35 |
| Articulated Trucks |                |      |      |        |       |           |      |      |        |       |            |      |       |        |       |           |      |      |        |       | 0     | 1  |
| Total Exiting Leg  |                |      |      |        |       |           |      |      |        |       |            |      |       |        |       |           |      |      |        |       | 9     | 22 |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                    | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |    |
|--------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|----|
|                    | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |    |
|                    | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |    |
| 2:15 PM            | 0              | 0     | 0     | 0      | 0     | 2         | 9     | 0     | 0      | 11    | 0          | 0     | 1     | 0      | 1     | 0         | 1     | 0     | 0      | 1     | 13    |    |
| 2:30 PM            | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 3     | 1     | 0      | 4     | 5     |    |
| 2:45 PM            | 0              | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 0          | 2     | 0     | 0      | 2     | 0         | 2     | 0     | 0      | 2     | 9     |    |
| 3:00 PM            | 0              | 0     | 0     | 0      | 0     | 1         | 6     | 0     | 0      | 7     | 0          | 1     | 0     | 0      | 1     | 0         | 5     | 1     | 0      | 6     | 14    |    |
| Total Volume       | 0              | 0     | 0     | 0      | 0     | 3         | 21    | 0     | 0      | 24    | 0          | 3     | 1     | 0      | 4     | 0         | 11    | 2     | 0      | 13    | 41    |    |
| % Approach Total   | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 12.5      | 87.5  | 0.0   | 0.0    | 0.0   | 0.0        | 75.0  | 25.0  | 0.0    | 0.0   | 0.0       | 84.6  | 15.4  | 0.0    | 0.0   | 0.732 |    |
| PHF                | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.375     | 0.583 | 0.000 | 0.000  | 0.545 | 0.000      | 0.375 | 0.250 | 0.000  | 0.500 | 0.000     | 0.550 | 0.500 | 0.000  | 0.542 | 0.732 |    |
| Buses              | 0              | 0     | 0     | 0      | 0     | 2         | 14    | 0     | 0      | 16    | 0          | 2     | 0     | 0      | 2     | 0         | 6     | 0     | 0      | 6     | 24    |    |
| Buses %            | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 66.7      | 66.7  | 0.0   | 0.0    | 66.7  | 0.0        | 66.7  | 0.0   | 0.0    | 50.0  | 0.0       | 54.5  | 0.0   | 0.0    | 46.2  | 58.5  |    |
| Single-Unit Trucks | 0              | 0     | 0     | 0      | 0     | 1         | 6     | 0     | 0      | 7     | 0          | 1     | 1     | 0      | 2     | 0         | 5     | 2     | 0      | 7     | 16    |    |
| Single-Unit %      | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 33.3      | 28.6  | 0.0   | 0.0    | 29.2  | 0.0        | 33.3  | 100.0 | 0.0    | 50.0  | 0.0       | 45.5  | 100.0 | 0.0    | 53.8  | 39.0  |    |
| Articulated Trucks | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |    |
| Articulated %      | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 4.8   | 0.0   | 0.0    | 4.2   | 0.0        | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 0.0   | 0.0   | 0.0    | 0.0   | 2.4   |    |
| Buses              | 0              | 0     | 0     | 0      | 0     | 2         | 14    | 0     | 0      | 16    | 0          | 2     | 0     | 0      | 2     | 0         | 6     | 0     | 0      | 6     | 24    |    |
| Single-Unit Trucks | 0              | 0     | 0     | 0      | 0     | 1         | 6     | 0     | 0      | 7     | 0          | 1     | 1     | 0      | 2     | 0         | 5     | 2     | 0      | 7     | 16    |    |
| Articulated Trucks | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |    |
| Total Entering Leg | 0              | 0     | 0     | 0      | 0     | 3         | 21    | 0     | 0      | 24    | 0          | 3     | 1     | 0      | 4     | 0         | 11    | 2     | 0      | 13    | 41    |    |
| Buses              |                |       |       |        |       |           |       |       |        |       |            |       |       |        |       |           |       |       |        |       | 4     | 24 |
| Single-Unit Trucks |                |       |       |        |       |           |       |       |        |       |            |       |       |        |       |           |       |       |        |       | 4     | 16 |
| Articulated Trucks |                |       |       |        |       |           |       |       |        |       |            |       |       |        |       |           |       |       |        |       | 0     | 1  |
| Total Exiting Leg  |                |       |       |        |       |           |       |       |        |       |            |       |       |        |       |           |       |       |        |       | 8     | 11 |









PDI File #: **240156 C**  
 Location: **N: Fayette Street S: Lee Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Single-Unit Trucks**

|                   | Fayette Street |          |          |          |          | Broadway  |          |          |          |          | Lee Street |          |          |          |          | Broadway  |          |          |          |          | Total    |     |
|-------------------|----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|-----|
|                   | from North     |          |          |          |          | from East |          |          |          |          | from South |          |          |          |          | from West |          |          |          |          |          |     |
|                   | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right      | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |          |     |
| 6:30 PM           | 0              | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0          | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |     |
| 6:45 PM           | 0              | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1          | 0        | 0        | 0        | 1        | 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>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b>   | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>0</b>  | <b>1</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>2</b> |     |
| Grand Total       | 0              | 0        | 0        | 0        | 0        | 12        | 61       | 0        | 0        | 73       | 6          | 13       | 3        | 0        | 22       | 0         | 96       | 14       | 0        | 110      | 205      |     |
| Approach %        | 0.0            | 0.0      | 0.0      | 0.0      | 0.0      | 16.4      | 83.6     | 0.0      | 0.0      | 0.0      | 27.3       | 59.1     | 13.6     | 0.0      | 0.0      | 0.0       | 87.3     | 12.7     | 0.0      | 0.0      |          |     |
| Total %           | 0.0            | 0.0      | 0.0      | 0.0      | 0.0      | 5.9       | 29.8     | 0.0      | 0.0      | 35.6     | 2.9        | 6.3      | 1.5      | 0.0      | 10.7     | 0.0       | 46.8     | 6.8      | 0.0      | 53.7     |          |     |
| Exiting Leg Total |                |          |          |          |          | 39        |          |          |          |          | 102        |          |          |          |          | 0         |          |          |          |          | 64       | 205 |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |    |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|----|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |    |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |    |
| 9:30 AM          | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 3     |    |
| 9:45 AM          | 0              | 0     | 0     | 0      | 0     | 1         | 0     | 0     | 0      | 1     | 0          | 2     | 0     | 0      | 2     | 0         | 3     | 0     | 0      | 3     | 6     |    |
| 10:00 AM         | 0              | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 1          | 0     | 0     | 0      | 1     | 0         | 6     | 1     | 0      | 7     | 11    |    |
| 10:15 AM         | 0              | 0     | 0     | 0      | 0     | 1         | 3     | 0     | 0      | 4     | 0          | 0     | 2     | 0      | 2     | 0         | 4     | 0     | 0      | 4     | 10    |    |
| Total Volume     | 0              | 0     | 0     | 0      | 0     | 2         | 7     | 0     | 0      | 9     | 1          | 2     | 2     | 0      | 5     | 0         | 15    | 1     | 0      | 16    | 30    |    |
| % Approach Total | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 22.2      | 77.8  | 0.0   | 0.0    | 0.0   | 20.0       | 40.0  | 40.0  | 0.0    | 0.0   | 0.0       | 93.8  | 6.3   | 0.0    | 0.0   |       |    |
| PHF              | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.500     | 0.583 | 0.000 | 0.000  | 0.563 | 0.250      | 0.250 | 0.250 | 0.000  | 0.625 | 0.000     | 0.625 | 0.250 | 0.000  | 0.571 | 0.682 |    |
| Entering Leg     | 0              |       |       |        |       | 2         |       |       |        |       | 1          |       |       |        |       | 0         |       |       |        |       | 16    | 30 |
| Exiting Leg      | 5              |       |       |        |       | 16        |       |       |        |       | 0          |       |       |        |       | 9         |       |       |        |       | 30    |    |
| Total            | 5              |       |       |        |       | 25        |       |       |        |       | 5          |       |       |        |       | 25        |       |       |        |       | 60    |    |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |    |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|----|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |    |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |    |
| 11:00 AM         | 0              | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 0          | 1     | 0     | 0      | 1     | 0         | 1     | 0     | 0      | 1     | 6     |    |
| 11:15 AM         | 0              | 0     | 0     | 0      | 0     | 1         | 0     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 4     | 1     | 0      | 5     | 6     |    |
| 11:30 AM         | 0              | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 0          | 0     | 0     | 0      | 0     | 0         | 6     | 1     | 0      | 7     | 12    |    |
| 11:45 AM         | 0              | 0     | 0     | 0      | 0     | 2         | 1     | 0     | 0      | 3     | 1          | 2     | 0     | 0      | 3     | 0         | 5     | 1     | 0      | 6     | 12    |    |
| Total Volume     | 0              | 0     | 0     | 0      | 0     | 3         | 10    | 0     | 0      | 13    | 1          | 3     | 0     | 0      | 4     | 0         | 16    | 3     | 0      | 19    | 36    |    |
| % Approach Total | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 23.1      | 76.9  | 0.0   | 0.0    | 0.0   | 25.0       | 75.0  | 0.0   | 0.0    | 0.0   | 0.0       | 84.2  | 15.8  | 0.0    | 0.0   |       |    |
| PHF              | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.375     | 0.500 | 0.000 | 0.000  | 0.650 | 0.250      | 0.375 | 0.000 | 0.000  | 0.333 | 0.000     | 0.667 | 0.750 | 0.000  | 0.679 | 0.750 |    |
| Entering Leg     | 0              |       |       |        |       | 3         |       |       |        |       | 1          |       |       |        |       | 0         |       |       |        |       | 19    | 36 |
| Exiting Leg      | 9              |       |       |        |       | 17        |       |       |        |       | 0          |       |       |        |       | 10        |       |       |        |       | 36    |    |
| Total            | 9              |       |       |        |       | 30        |       |       |        |       | 4          |       |       |        |       | 29        |       |       |        |       | 72    |    |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |    |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|----|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |    |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |    |
| 2:15 PM          | 0              | 0     | 0     | 0      | 0     | 1         | 2     | 0     | 0      | 3     | 0          | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 4     |    |
| 2:30 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0          | 0     | 0     | 0      | 0     | 0         | 2     | 1     | 0      | 3     | 3     |    |
| 2:45 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0          | 1     | 0     | 0      | 1     | 0         | 1     | 0     | 0      | 1     | 4     |    |
| 3:00 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0          | 0     | 0     | 0      | 0     | 0         | 2     | 1     | 0      | 3     | 5     |    |
| Total Volume     | 0              | 0     | 0     | 0      | 0     | 1         | 6     | 0     | 0      | 7     | 0          | 1     | 1     | 0      | 2     | 0         | 5     | 2     | 0      | 7     | 16    |    |
| % Approach Total | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 14.3      | 85.7  | 0.0   | 0.0    | 0.0   | 0.0        | 50.0  | 50.0  | 0.0    | 0.0   | 0.0       | 71.4  | 28.6  | 0.0    | 0.0   |       |    |
| PHF              | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.250     | 0.750 | 0.000 | 0.000  | 0.583 | 0.000      | 0.250 | 0.250 | 0.000  | 0.500 | 0.000     | 0.625 | 0.500 | 0.000  | 0.583 | 0.800 |    |
| Entering Leg     | 0              |       |       |        |       | 1         |       |       |        |       | 0          |       |       |        |       | 0         |       |       |        |       | 7     | 16 |
| Exiting Leg      | 4              |       |       |        |       | 5         |       |       |        |       | 0          |       |       |        |       | 7         |       |       |        |       | 16    |    |
| Total            | 4              |       |       |        |       | 12        |       |       |        |       | 2          |       |       |        |       | 14        |       |       |        |       | 32    |    |



PDI File #: **240156 C**  
 Location: **N: Fayette Street S: Lee Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|                   | Fayette Street |      |      |        |       | Broadway  |       |      |        |       | Lee Street |      |       |        |       | Broadway  |       |      |        |       | Total |
|-------------------|----------------|------|------|--------|-------|-----------|-------|------|--------|-------|------------|------|-------|--------|-------|-----------|-------|------|--------|-------|-------|
|                   | from North     |      |      |        |       | from East |       |      |        |       | from South |      |       |        |       | from West |       |      |        |       |       |
|                   | Right          | Thru | Left | U-Turn | Total | Right     | Thru  | Left | U-Turn | Total | Right      | Thru | Left  | U-Turn | Total | Right     | Thru  | Left | U-Turn | Total |       |
| 6:30 PM           | 0              | 0    | 0    | 0      | 0     | 0         | 0     | 0    | 0      | 0     | 0          | 0    | 0     | 0      | 0     | 0         | 0     | 0    | 0      | 0     | 0     |
| 6:45 PM           | 0              | 0    | 0    | 0      | 0     | 0         | 0     | 0    | 0      | 0     | 0          | 0    | 0     | 0      | 0     | 0         | 0     | 0    | 0      | 0     | 0     |
| Total             | 0              | 0    | 0    | 0      | 0     | 0         | 0     | 0    | 0      | 0     | 0          | 0    | 0     | 0      | 0     | 0         | 0     | 0    | 0      | 0     | 0     |
| Grand Total       | 0              | 0    | 0    | 0      | 0     | 0         | 11    | 0    | 0      | 11    | 0          | 0    | 1     | 0      | 1     | 0         | 6     | 0    | 0      | 6     | 18    |
| Approach %        | 0.0            | 0.0  | 0.0  | 0.0    |       | 0.0       | 100.0 | 0.0  | 0.0    |       | 0.0        | 0.0  | 100.0 | 0.0    |       | 0.0       | 100.0 | 0.0  | 0.0    |       |       |
| Total %           | 0.0            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0       | 61.1  | 0.0  | 0.0    | 61.1  | 0.0        | 0.0  | 5.6   | 0.0    | 5.6   | 0.0       | 33.3  | 0.0  | 0.0    | 33.3  |       |
| Exiting Leg Total | 0              |      |      |        |       | 6         |       |      |        |       | 0          |      |       |        |       | 12        |       |      |        |       | 18    |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

| 9:00 AM          | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 9:00 AM          | 0              | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0          | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 1     |
| 9:15 AM          | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| 9:30 AM          | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| 9:45 AM          | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| Total Volume     | 0              | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 0          | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 4     |
| % Approach Total | 0.0            | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0        | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.750 | 0.000 | 0.000  | 0.750 | 0.000      | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 1.000 |
| Entering Leg     | 0              | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 0          | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 4     |
| Exiting Leg      | 0              |       |       |        |       | 1         |       |       |        |       | 0          |       |       |        |       | 3         |       |       |        |       | 4     |
| Total            | 0              |       |       |        |       | 4         |       |       |        |       | 0          |       |       |        |       | 4         |       |       |        |       | 8     |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

| 1:00 PM          | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 1:00 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 2     |
| 1:15 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0          | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 1     |
| 1:30 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 1:45 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0          | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 2     |
| Total Volume     | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0          | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 5     |
| % Approach Total | 0.0            | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0        | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 0.000      | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.375 | 0.000 | 0.000  | 0.375 | 0.625 |
| Entering Leg     | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0          | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 5     |
| Exiting Leg      | 0              |       |       |        |       | 3         |       |       |        |       | 0          |       |       |        |       | 2         |       |       |        |       | 5     |
| Total            | 0              |       |       |        |       | 5         |       |       |        |       | 0          |       |       |        |       | 5         |       |       |        |       | 10    |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

| 2:30 PM          | Fayette Street |       |       |        |       | Broadway  |       |       |        |       | Lee Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right      | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 2:30 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 2:45 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 3:00 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| 3:15 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| Total Volume     | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 2     |
| % Approach Total | 0.0            | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0        | 0.0   | 0.0   | 0.0    |       | 0.0       | 0.0   | 0.0   | 0.0    |       |       |
| PHF              | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.500 | 0.000 | 0.000  | 0.500 | 0.000      | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.000 | 0.000 | 0.000  | 0.000 | 0.500 |
| Entering Leg     | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0          | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 2     |
| Exiting Leg      | 0              |       |       |        |       | 0         |       |       |        |       | 0          |       |       |        |       | 2         |       |       |        |       | 2     |
| Total            | 0              |       |       |        |       | 2         |       |       |        |       | 0          |       |       |        |       | 2         |       |       |        |       | 4     |















PDI File #: **240156 D**  
 Location: **N: Inman Street S: Inman Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                    | Inman Street |       |       |        |       | Broadway  |       |       |        |       | Inman Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|--------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|--------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North   |       |       |        |       | from East |       |       |        |       | from South   |       |       |        |       | from West |       |       |        |       |       |
|                    | Right        | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right        | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 5:00 PM            | Inman Street |       |       |        |       | Broadway  |       |       |        |       | Inman Street |       |       |        |       | Broadway  |       |       |        |       |       |
|                    | from North   |       |       |        |       | from East |       |       |        |       | from South   |       |       |        |       | from West |       |       |        |       |       |
|                    | Right        | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right        | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Total |
| 5:00 PM            | 5            | 9     | 0     | 0      | 14    | 0         | 119   | 19    | 0      | 138   | 0            | 0     | 0     | 0      | 0     | 18        | 114   | 0     | 0      | 132   | 284   |
| 5:15 PM            | 2            | 12    | 5     | 1      | 20    | 0         | 105   | 15    | 1      | 121   | 0            | 0     | 0     | 0      | 0     | 8         | 104   | 0     | 0      | 112   | 253   |
| 5:30 PM            | 3            | 11    | 2     | 1      | 17    | 0         | 117   | 11    | 0      | 128   | 0            | 0     | 0     | 0      | 0     | 22        | 118   | 0     | 0      | 140   | 285   |
| 5:45 PM            | 1            | 14    | 2     | 0      | 17    | 0         | 117   | 19    | 0      | 136   | 0            | 0     | 0     | 0      | 0     | 20        | 108   | 0     | 0      | 128   | 281   |
| Total Volume       | 11           | 46    | 9     | 2      | 68    | 0         | 458   | 64    | 1      | 523   | 0            | 0     | 0     | 0      | 0     | 68        | 444   | 0     | 0      | 512   | 1103  |
| % Approach Total   | 16.2         | 67.6  | 13.2  | 2.9    |       | 0.0       | 87.6  | 12.2  | 0.2    |       | 0.0          | 0.0   | 0.0   | 0.0    |       | 13.3      | 86.7  | 0.0   | 0.0    |       |       |
| PHF                | 0.550        | 0.821 | 0.450 | 0.500  | 0.850 | 0.000     | 0.962 | 0.842 | 0.250  | 0.947 | 0.000        | 0.000 | 0.000 | 0.000  | 0.000 | 0.773     | 0.941 | 0.000 | 0.000  | 0.914 | 0.968 |
| Cars               | 11           | 45    | 9     | 2      | 67    | 0         | 452   | 64    | 1      | 517   | 0            | 0     | 0     | 0      | 0     | 68        | 435   | 0     | 0      | 503   | 1087  |
| Cars %             | 100.0        | 97.8  | 100.0 | 100.0  | 98.5  | 0.0       | 98.7  | 100.0 | 100.0  | 98.9  | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   | 100.0     | 98.0  | 0.0   | 0.0    | 98.2  | 98.5  |
| Heavy Vehicles     | 0            | 1     | 0     | 0      | 1     | 0         | 6     | 0     | 0      | 6     | 0            | 0     | 0     | 0      | 0     | 0         | 9     | 0     | 0      | 9     | 16    |
| Heavy Vehicles %   | 0.0          | 2.2   | 0.0   | 0.0    | 1.5   | 0.0       | 1.3   | 0.0   | 0.0    | 1.1   | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 2.0   | 0.0   | 0.0    | 1.8   | 1.5   |
| Cars Enter Leg     | 11           | 45    | 9     | 2      | 67    | 0         | 452   | 64    | 1      | 517   | 0            | 0     | 0     | 0      | 0     | 68        | 435   | 0     | 0      | 503   | 1087  |
| Heavy Enter Leg    | 0            | 1     | 0     | 0      | 1     | 0         | 6     | 0     | 0      | 6     | 0            | 0     | 0     | 0      | 0     | 0         | 9     | 0     | 0      | 9     | 16    |
| Total Entering Leg | 11           | 46    | 9     | 2      | 68    | 0         | 458   | 64    | 1      | 523   | 0            | 0     | 0     | 0      | 0     | 68        | 444   | 0     | 0      | 512   | 1103  |
| Cars Exiting Leg   |              |       |       |        |       | 2         |       |       |        |       |              |       |       |        |       | 177       |       |       |        |       | 463   |
| Heavy Exiting Leg  |              |       |       |        |       | 0         |       |       |        |       |              |       |       |        |       | 1         |       |       |        |       | 6     |
| Total Exiting Leg  |              |       |       |        |       | 2         |       |       |        |       |              |       |       |        |       | 178       |       |       |        |       | 469   |











PDI File #: **240156 D**  
 Location: **N: Inman Street S: Inman Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|                           | Inman Street |          |          |          |          | Broadway  |           |          |          |           | Inman Street |          |          |          |          | Broadway  |           |          |          |           | Total     |
|---------------------------|--------------|----------|----------|----------|----------|-----------|-----------|----------|----------|-----------|--------------|----------|----------|----------|----------|-----------|-----------|----------|----------|-----------|-----------|
|                           | from North   |          |          |          |          | from East |           |          |          |           | from South   |          |          |          |          | from West |           |          |          |           |           |
|                           | Right        | Thru     | Left     | U-Turn   | Total    | Right     | Thru      | Left     | U-Turn   | Total     | Right        | Thru     | Left     | U-Turn   | Total    | Right     | Thru      | Left     | U-Turn   | Total     |           |
| Articulated Trucks        | 0            | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0         | 0            | 0        | 0        | 0        | 0        | 0         | 2         | 0        | 0        | 2         | 2         |
| Articulated %             | 0.0          | 0.0      | 0.0      | 0.0      | 0.0      | 0.0       | 0.0       | 0.0      | 0.0      | 0.0       | 0.0          | 0.0      | 0.0      | 0.0      | 0.0      | 0.0       | 10.0      | 0.0      | 0.0      | 8.0       | 4.4       |
| Buses                     | 0            | 0        | 0        | 0        | 0        | 0         | 2         | 1        | 0        | 3         | 0            | 0        | 0        | 0        | 0        | 0         | 3         | 0        | 0        | 3         | 6         |
| Single-Unit Trucks        | 1            | 1        | 1        | 0        | 3        | 0         | 12        | 2        | 0        | 14        | 0            | 0        | 0        | 0        | 0        | 5         | 15        | 0        | 0        | 20        | 37        |
| Articulated Trucks        | 0            | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0         | 0            | 0        | 0        | 0        | 0        | 0         | 2         | 0        | 0        | 2         | 2         |
| <b>Total Entering Leg</b> | <b>1</b>     | <b>1</b> | <b>1</b> | <b>0</b> | <b>3</b> | <b>0</b>  | <b>14</b> | <b>3</b> | <b>0</b> | <b>17</b> | <b>0</b>     | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>5</b>  | <b>20</b> | <b>0</b> | <b>0</b> | <b>25</b> | <b>45</b> |
| Buses                     |              |          |          |          | 0        |           |           |          |          | 3         |              |          |          |          | 1        |           |           |          |          | 2         | 6         |
| Single-Unit Trucks        |              |          |          |          | 0        |           |           |          |          | 16        |              |          |          |          | 8        |           |           |          |          | 13        | 37        |
| Articulated Trucks        |              |          |          |          | 0        |           |           |          |          | 2         |              |          |          |          | 0        |           |           |          |          | 0         | 2         |
| <b>Total Exiting Leg</b>  |              |          |          |          | <b>0</b> |           |           |          |          | <b>21</b> |              |          |          |          | <b>9</b> |           |           |          |          | <b>15</b> | <b>45</b> |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

| 2:45 PM                   | Inman Street |            |            |            |            | Broadway   |             |             |            |            | Inman Street |            |            |            |            | Broadway    |             |            |            |            | Total        |
|---------------------------|--------------|------------|------------|------------|------------|------------|-------------|-------------|------------|------------|--------------|------------|------------|------------|------------|-------------|-------------|------------|------------|------------|--------------|
|                           | from North   |            |            |            |            | from East  |             |             |            |            | from South   |            |            |            |            | from West   |             |            |            |            |              |
|                           | Right        | Thru       | Left       | U-Turn     | Total      | Right      | Thru        | Left        | U-Turn     | Total      | Right        | Thru       | Left       | U-Turn     | Total      | Right       | Thru        | Left       | U-Turn     | Total      |              |
| 2:45 PM                   | 0            | 0          | 0          | 0          | 0          | 0          | 5           | 1           | 0          | 6          | 0            | 0          | 0          | 0          | 0          | 1           | 2           | 0          | 0          | 3          | 9            |
| 3:00 PM                   | 0            | 0          | 0          | 0          | 0          | 0          | 4           | 0           | 0          | 4          | 0            | 0          | 0          | 0          | 0          | 0           | 8           | 0          | 0          | 8          | 12           |
| 3:15 PM                   | 0            | 0          | 0          | 0          | 0          | 0          | 3           | 1           | 0          | 4          | 0            | 0          | 0          | 0          | 0          | 1           | 3           | 0          | 0          | 4          | 8            |
| 3:30 PM                   | 0            | 0          | 0          | 0          | 0          | 0          | 4           | 3           | 0          | 7          | 0            | 0          | 0          | 0          | 0          | 2           | 5           | 0          | 0          | 7          | 14           |
| <b>Total Volume</b>       | <b>0</b>     | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>16</b>   | <b>5</b>    | <b>0</b>   | <b>21</b>  | <b>0</b>     | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>4</b>    | <b>18</b>   | <b>0</b>   | <b>0</b>   | <b>22</b>  | <b>43</b>    |
| <b>% Approach Total</b>   | <b>0.0</b>   | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>76.2</b> | <b>23.8</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b>   | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>18.2</b> | <b>81.8</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.768</b> |
| PHF                       | 0.000        | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.800       | 0.417       | 0.000      | 0.750      | 0.000        | 0.000      | 0.000      | 0.000      | 0.000      | 0.500       | 0.563       | 0.000      | 0.000      | 0.688      | 0.768        |
| Buses                     | 0            | 0          | 0          | 0          | 0          | 0          | 11          | 2           | 0          | 13         | 0            | 0          | 0          | 0          | 0          | 4           | 8           | 0          | 0          | 12         | 25           |
| Buses %                   | 0.0          | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 68.8        | 40.0        | 0.0        | 61.9       | 0.0          | 0.0        | 0.0        | 0.0        | 0.0        | 100.0       | 44.4        | 0.0        | 0.0        | 54.5       | 58.1         |
| Single-Unit Trucks        | 0            | 0          | 0          | 0          | 0          | 0          | 5           | 3           | 0          | 8          | 0            | 0          | 0          | 0          | 0          | 0           | 9           | 0          | 0          | 9          | 17           |
| Single-Unit %             | 0.0          | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 31.3        | 60.0        | 0.0        | 38.1       | 0.0          | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         | 50.0        | 0.0        | 0.0        | 40.9       | 39.5         |
| Articulated Trucks        | 0            | 0          | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0            | 0          | 0          | 0          | 0          | 0           | 1           | 0          | 0          | 1          | 1            |
| Articulated %             | 0.0          | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         | 0.0         | 0.0        | 0.0        | 0.0          | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         | 5.6         | 0.0        | 0.0        | 4.5        | 2.3          |
| Buses                     | 0            | 0          | 0          | 0          | 0          | 0          | 11          | 2           | 0          | 13         | 0            | 0          | 0          | 0          | 0          | 4           | 8           | 0          | 0          | 12         | 25           |
| Single-Unit Trucks        | 0            | 0          | 0          | 0          | 0          | 0          | 5           | 3           | 0          | 8          | 0            | 0          | 0          | 0          | 0          | 0           | 9           | 0          | 0          | 9          | 17           |
| Articulated Trucks        | 0            | 0          | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0          | 0            | 0          | 0          | 0          | 0          | 0           | 1           | 0          | 0          | 1          | 1            |
| <b>Total Entering Leg</b> | <b>0</b>     | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>16</b>   | <b>5</b>    | <b>0</b>   | <b>21</b>  | <b>0</b>     | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>4</b>    | <b>18</b>   | <b>0</b>   | <b>0</b>   | <b>22</b>  | <b>43</b>    |
| Buses                     |              |            |            |            | 0          |            |             |             |            | 8          |              |            |            |            | 6          |             |             |            |            | 11         | 25           |
| Single-Unit Trucks        |              |            |            |            | 0          |            |             |             |            | 9          |              |            |            |            | 3          |             |             |            |            | 5          | 17           |
| Articulated Trucks        |              |            |            |            | 0          |            |             |             |            | 1          |              |            |            |            | 0          |             |             |            |            | 0          | 1            |
| <b>Total Exiting Leg</b>  |              |            |            |            | <b>0</b>   |            |             |             |            | <b>18</b>  |              |            |            |            | <b>9</b>   |             |             |            |            | <b>16</b>  | <b>43</b>    |



























PDI File #: **240156 E**  
 Location: **N: Prospect Street S: Prospect Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                    | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Total |      |
|--------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|------|
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |      |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |      |
| 5:15 PM            | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Prospect Street |       |       |        |       | Broadway  |       |       |        |       |       |      |
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |      |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Total |      |
| 5:15 PM            | 11              | 84    | 6     | 0      | 101   | 13        | 105   | 22    | 0      | 140   | 10              | 92    | 15    | 0      | 117   | 7         | 89    | 12    | 0      | 108   | 466   |      |
| 5:30 PM            | 17              | 75    | 7     | 0      | 99    | 10        | 107   | 30    | 0      | 147   | 10              | 104   | 12    | 0      | 126   | 5         | 77    | 20    | 0      | 102   | 474   |      |
| 5:45 PM            | 15              | 83    | 4     | 0      | 102   | 5         | 102   | 20    | 0      | 127   | 11              | 103   | 19    | 0      | 133   | 3         | 88    | 15    | 0      | 106   | 468   |      |
| 6:00 PM            | 18              | 84    | 7     | 0      | 109   | 7         | 87    | 21    | 0      | 115   | 15              | 109   | 9     | 0      | 133   | 5         | 87    | 23    | 0      | 115   | 472   |      |
| Total Volume       | 61              | 326   | 24    | 0      | 411   | 35        | 401   | 93    | 0      | 529   | 46              | 408   | 55    | 0      | 509   | 20        | 341   | 70    | 0      | 431   | 1880  |      |
| % Approach Total   | 14.8            | 79.3  | 5.8   | 0.0    |       | 6.6       | 75.8  | 17.6  | 0.0    |       | 9.0             | 80.2  | 10.8  | 0.0    |       | 4.6       | 79.1  | 16.2  | 0.0    |       |       |      |
| PHF                | 0.847           | 0.970 | 0.857 | 0.000  | 0.943 | 0.673     | 0.937 | 0.775 | 0.000  | 0.900 | 0.767           | 0.936 | 0.724 | 0.000  | 0.957 | 0.714     | 0.958 | 0.761 | 0.000  | 0.937 | 0.992 |      |
| Cars               | 61              | 319   | 24    | 0      | 404   | 34        | 397   | 90    | 0      | 521   | 43              | 399   | 54    | 0      | 496   | 20        | 333   | 69    | 0      | 422   | 1843  |      |
| Cars %             | 100.0           | 97.9  | 100.0 | 0.0    | 98.3  | 97.1      | 99.0  | 96.8  | 0.0    | 98.5  | 93.5            | 97.8  | 98.2  | 0.0    | 97.4  | 100.0     | 97.7  | 98.6  | 0.0    | 97.9  | 98.0  |      |
| Heavy Vehicles     | 0               | 7     | 0     | 0      | 7     | 1         | 4     | 3     | 0      | 8     | 3               | 9     | 1     | 0      | 13    | 0         | 8     | 1     | 0      | 9     | 37    |      |
| Heavy Vehicles %   | 0.0             | 2.1   | 0.0   | 0.0    | 1.7   | 2.9       | 1.0   | 3.2   | 0.0    | 1.5   | 6.5             | 2.2   | 1.8   | 0.0    | 2.6   | 0.0       | 2.3   | 1.4   | 0.0    | 2.1   | 2.0   |      |
| Cars Enter Leg     | 61              | 319   | 24    | 0      | 404   | 34        | 397   | 90    | 0      | 521   | 43              | 399   | 54    | 0      | 496   | 20        | 333   | 69    | 0      | 422   | 1843  |      |
| Heavy Enter Leg    | 0               | 7     | 0     | 0      | 7     | 1         | 4     | 3     | 0      | 8     | 3               | 9     | 1     | 0      | 13    | 0         | 8     | 1     | 0      | 9     | 37    |      |
| Total Entering Leg | 61              | 326   | 24    | 0      | 411   | 35        | 401   | 93    | 0      | 529   | 46              | 408   | 55    | 0      | 509   | 20        | 341   | 70    | 0      | 431   | 1880  |      |
| Cars Exiting Leg   |                 |       |       |        |       |           |       |       |        |       |                 |       |       |        |       |           |       |       |        |       | 512   | 1843 |
| Heavy Exiting Leg  |                 |       |       |        |       |           |       |       |        |       |                 |       |       |        |       |           |       |       |        |       | 5     | 37   |
| Total Exiting Leg  |                 |       |       |        |       |           |       |       |        |       |                 |       |       |        |       |           |       |       |        |       | 517   | 1880 |











PDI File #: **240156 E**  
 Location: **N: Prospect Street S: Prospect Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|                    | Prospect Street |      |      |        |       | Broadway  |      |      |        |       | Prospect Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|--------------------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|                    | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |
|                    | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| Articulated Trucks | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 1    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| Articulated %      | 0.0             | 4.5  | 0.0  | 0.0    | 4.5   | 0.0       | 0.0  | 14.3 | 0.0    | 5.0   | 0.0             | 0.0  | 0.0  | 0.0    | 0.0   | 0.0       | 0.0  | 0.0  | 0.0    | 0.0   | 2.3   |
| Buses              | 0               | 7    | 0    | 0      | 7     | 0         | 3    | 1    | 0      | 4     | 2               | 5    | 1    | 0      | 8     | 0         | 3    | 0    | 0      | 3     | 22    |
| Single-Unit Trucks | 0               | 14   | 0    | 0      | 14    | 4         | 6    | 5    | 0      | 15    | 3               | 12   | 3    | 0      | 18    | 0         | 14   | 3    | 0      | 17    | 64    |
| Articulated Trucks | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 1    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| Total Entering Leg | 0               | 22   | 0    | 0      | 22    | 4         | 9    | 7    | 0      | 20    | 5               | 17   | 4    | 0      | 26    | 0         | 17   | 3    | 0      | 20    | 88    |
| Buses              |                 |      |      |        | 5     |           |      |      |        | 5     |                 |      |      |        | 8     |           |      |      |        | 4     | 22    |
| Single-Unit Trucks |                 |      |      |        | 19    |           |      |      |        | 17    |                 |      |      |        | 19    |           |      |      |        | 9     | 64    |
| Articulated Trucks |                 |      |      |        | 0     |           |      |      |        | 0     |                 |      |      |        | 2     |           |      |      |        | 0     | 2     |
| Total Exiting Leg  |                 |      |      |        | 24    |           |      |      |        | 22    |                 |      |      |        | 29    |           |      |      |        | 13    | 88    |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

| 2:00 PM            | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 2:00 PM            | 0               | 1     | 3     | 0      | 4     | 0         | 2     | 3     | 0      | 5     | 1               | 5     | 3     | 0      | 9     | 0         | 5     | 0     | 0      | 5     | 23    |
| 2:15 PM            | 1               | 5     | 0     | 0      | 6     | 0         | 3     | 1     | 0      | 4     | 1               | 5     | 1     | 0      | 7     | 1         | 1     | 0     | 0      | 2     | 19    |
| 2:30 PM            | 0               | 9     | 0     | 0      | 9     | 1         | 1     | 1     | 0      | 3     | 1               | 4     | 0     | 0      | 5     | 0         | 4     | 1     | 0      | 5     | 22    |
| 2:45 PM            | 0               | 4     | 0     | 0      | 4     | 0         | 5     | 0     | 0      | 5     | 0               | 2     | 0     | 0      | 2     | 0         | 2     | 0     | 0      | 2     | 13    |
| Total Volume       | 1               | 19    | 3     | 0      | 23    | 1         | 11    | 5     | 0      | 17    | 3               | 16    | 4     | 0      | 23    | 1         | 12    | 1     | 0      | 14    | 77    |
| % Approach Total   | 4.3             | 82.6  | 13.0  | 0.0    | 0.639 | 5.9       | 64.7  | 29.4  | 0.0    | 0.850 | 13.0            | 69.6  | 17.4  | 0.0    | 0.639 | 7.1       | 85.7  | 7.1   | 0.0    | 0.700 | 0.837 |
| PHF                | 0.250           | 0.528 | 0.250 | 0.000  | 0.639 | 0.250     | 0.550 | 0.417 | 0.000  | 0.850 | 0.750           | 0.800 | 0.333 | 0.000  | 0.639 | 0.250     | 0.600 | 0.250 | 0.000  | 0.700 | 0.837 |
| Buses              | 0               | 5     | 0     | 0      | 5     | 0         | 8     | 2     | 0      | 10    | 1               | 5     | 0     | 0      | 6     | 0         | 2     | 0     | 0      | 2     | 23    |
| Buses %            | 0.0             | 26.3  | 0.0   | 0.0    | 21.7  | 0.0       | 72.7  | 40.0  | 0.0    | 58.8  | 33.3            | 31.3  | 0.0   | 0.0    | 26.1  | 0.0       | 16.7  | 0.0   | 0.0    | 14.3  | 29.9  |
| Single-Unit Trucks | 1               | 13    | 2     | 0      | 16    | 1         | 2     | 2     | 0      | 5     | 2               | 11    | 3     | 0      | 16    | 1         | 10    | 1     | 0      | 12    | 49    |
| Single-Unit %      | 100.0           | 68.4  | 66.7  | 0.0    | 69.6  | 100.0     | 18.2  | 40.0  | 0.0    | 29.4  | 66.7            | 68.8  | 75.0  | 0.0    | 69.6  | 100.0     | 83.3  | 100.0 | 0.0    | 85.7  | 63.6  |
| Articulated Trucks | 0               | 1     | 1     | 0      | 2     | 0         | 1     | 1     | 0      | 2     | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 5     |
| Articulated %      | 0.0             | 5.3   | 33.3  | 0.0    | 8.7   | 0.0       | 9.1   | 20.0  | 0.0    | 11.8  | 0.0             | 0.0   | 25.0  | 0.0    | 4.3   | 0.0       | 0.0   | 0.0   | 0.0    | 0.0   | 6.5   |
| Buses              | 0               | 5     | 0     | 0      | 5     | 0         | 8     | 2     | 0      | 10    | 1               | 5     | 0     | 0      | 6     | 0         | 2     | 0     | 0      | 2     | 23    |
| Single-Unit Trucks | 1               | 13    | 2     | 0      | 16    | 1         | 2     | 2     | 0      | 5     | 2               | 11    | 3     | 0      | 16    | 1         | 10    | 1     | 0      | 12    | 49    |
| Articulated Trucks | 0               | 1     | 1     | 0      | 2     | 0         | 1     | 1     | 0      | 2     | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 5     |
| Total Entering Leg | 1               | 19    | 3     | 0      | 23    | 1         | 11    | 5     | 0      | 17    | 3               | 16    | 4     | 0      | 23    | 1         | 12    | 1     | 0      | 14    | 77    |
| Buses              |                 |       |       |        | 5     |           |       |       |        | 3     |                 |       |       |        | 7     |           |       |       |        | 8     | 23    |
| Single-Unit Trucks |                 |       |       |        | 13    |           |       |       |        | 14    |                 |       |       |        | 16    |           |       |       |        | 6     | 49    |
| Articulated Trucks |                 |       |       |        | 0     |           |       |       |        | 1     |                 |       |       |        | 2     |           |       |       |        | 2     | 5     |
| Total Exiting Leg  |                 |       |       |        | 18    |           |       |       |        | 18    |                 |       |       |        | 25    |           |       |       |        | 16    | 77    |











PDI File #: **240156 E**  
 Location: **N: Prospect Street S: Prospect Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|          | Prospect Street |      |      |        |       | Broadway  |      |      |        |       | Prospect Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |
|          | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 7:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| 7:30 AM  | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 7:45 AM  | 0               | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 0     | 2     |
| Total    | 0               | 1    | 1    | 0      | 2     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 0     | 2     |
| 8:00 AM  | 0               | 2    | 0    | 0      | 2     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 3     |
| 8:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 8:30 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| 8:45 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0               | 2    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 1               | 0    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 0     | 1     |
| 9:00 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 1     | 1     |
| 9:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| 9:30 AM  | 0               | 2    | 0    | 0      | 2     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 3     |
| 9:45 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| Total    | 0               | 2    | 0    | 0      | 2     | 0         | 0    | 0    | 0      | 0     | 0               | 2    | 1    | 0      | 3     | 1         | 0    | 0    | 0      | 1     | 6     |
| 10:00 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 10:15 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 10:30 AM | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 10:45 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 1    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 11:00 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 11:15 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| 11:30 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 11:45 AM | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 1         | 0    | 0    | 0      | 1     | 3     |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 2    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 4     |
| 12:00 PM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 1     |
| 12:15 PM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 12:30 PM | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 12:45 PM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| Total    | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 0     | 3     |
| 1:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 1:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| 1:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 1:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| 2:00 PM  | 0               | 0    | 1    | 0      | 1     | 0         | 1    | 1    | 0      | 2     | 0               | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 4     |
| 2:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 2:30 PM  | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 2:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0               | 1    | 1    | 0      | 2     | 0         | 1    | 1    | 0      | 2     | 0               | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 5     |
| 3:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 3:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 1      | 1     | 0         | 0    | 0    | 0      | 1     | 2     |
| 3:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1               | 0    | 0    | 1      | 2     | 0         | 0    | 0    | 0      | 2     | 3     |
| 3:45 PM  | 1               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1               | 1    | 0    | 2      | 0     | 0         | 0    | 0    | 0      | 0     | 3     |
| Total    | 1               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 2               | 2    | 0    | 4      | 3     | 0         | 0    | 0    | 0      | 3     | 8     |
| 4:00 PM  | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 4:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 4:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 4:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 5:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 1      | 0     | 1         | 0    | 0    | 0      | 1     | 2     |
| 5:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 5:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 5:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 1      | 0     | 1         | 0    | 0    | 0      | 1     | 2     |
| 6:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| 6:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |

PDI File #: **240156 E**  
 Location: **N: Prospect Street S: Prospect Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|                   | Prospect Street |          |          |          |          | Broadway  |          |          |          |          | Prospect Street |          |          |          |          | Broadway  |          |          |          |          | Total    |
|-------------------|-----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|                   | from North      |          |          |          |          | from East |          |          |          |          | from South      |          |          |          |          | from West |          |          |          |          |          |
|                   | Right           | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right           | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |          |
| 6:30 PM           | 0               | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0               | 1        | 0        | 0        | 1        | 0         | 0        | 0        | 0        | 0        | 1        |
| 6:45 PM           | 0               | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0               | 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>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>        | <b>2</b> | <b>0</b> | <b>0</b> | <b>2</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |
| Grand Total       | 1               | 9        | 2        | 0        | 12       | 0         | 4        | 2        | 0        | 6        | 2               | 10       | 5        | 0        | 17       | 4         | 6        | 0        | 0        | 10       | 45       |
| Approach %        | 8.3             | 75.0     | 16.7     | 0.0      |          | 0.0       | 66.7     | 33.3     | 0.0      |          | 11.8            | 58.8     | 29.4     | 0.0      |          | 40.0      | 60.0     | 0.0      | 0.0      |          |          |
| Total %           | 2.2             | 20.0     | 4.4      | 0.0      | 26.7     | 0.0       | 8.9      | 4.4      | 0.0      | 13.3     | 4.4             | 22.2     | 11.1     | 0.0      | 37.8     | 8.9       | 13.3     | 0.0      | 0.0      | 22.2     |          |
| Exiting Leg Total | 10              |          |          |          |          | 10        |          |          |          |          | 15              |          |          |          |          | 10        |          |          |          |          | 45       |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                  | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:15 AM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 1     | 0     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 1     |
| 7:15 AM          | 0               | 1     | 0     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| 7:30 AM          | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 3     |
| 7:45 AM          | 0               | 2     | 0     | 0      | 2     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 3     |
| 8:00 AM          | 0               | 3     | 1     | 0      | 4     | 0         | 0     | 0     | 0      | 0     | 0               | 1     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 8     |
| Total Volume     | 0               | 3     | 1     | 0      | 4     | 0         | 0     | 0     | 0      | 0     | 0               | 1     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 8     |
| % Approach Total | 0.0             | 75.0  | 25.0  | 0.0    |       | 0.0       | 0.0   | 0.0   | 0.0    |       | 0.0             | 100.0 | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000           | 0.375 | 0.250 | 0.000  | 0.500 | 0.000     | 0.000 | 0.000 | 0.000  | 0.000 | 0.000           | 0.250 | 0.000 | 0.000  | 0.250 | 0.000     | 0.375 | 0.000 | 0.000  | 0.375 | 0.667 |
| Entering Leg     | 0               | 3     | 1     | 0      | 4     | 0         | 0     | 0     | 0      | 0     | 0               | 1     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 8     |
| Exiting Leg      | 1               |       |       |        |       | 4         |       |       |        |       | 3               |       |       |        |       | 0         |       |       |        |       | 8     |
| Total            | 5               |       |       |        |       | 4         |       |       |        |       | 4               |       |       |        |       | 3         |       |       |        |       | 16    |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                  | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 11:15 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 1     | 0     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 1     |
| 11:15 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 11:30 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 1     | 0     | 0      | 1     | 0         | 1     | 0     | 0      | 1     | 3     |
| 11:45 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 1     |
| 12:00 PM         | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 2     | 0     | 0      | 2     | 0         | 2     | 0     | 0      | 2     | 5     |
| Total Volume     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 2     | 0     | 0      | 2     | 0         | 2     | 0     | 0      | 2     | 5     |
| % Approach Total | 0.0             | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0             | 100.0 | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000           | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 0.000           | 0.500 | 0.000 | 0.000  | 0.500 | 0.000     | 0.500 | 0.000 | 0.000  | 0.500 | 0.417 |
| Entering Leg     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 2     | 0     | 0      | 2     | 0         | 2     | 0     | 0      | 2     | 5     |
| Exiting Leg      | 2               |       |       |        |       | 2         |       |       |        |       | 0               |       |       |        |       | 1         |       |       |        |       | 5     |
| Total            | 2               |       |       |        |       | 3         |       |       |        |       | 2               |       |       |        |       | 3         |       |       |        |       | 10    |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                  | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Prospect Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 3:15 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 1     | 0      | 1     | 1         | 0     | 0     | 0      | 1     | 2     |
| 3:15 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 1     | 0     | 0      | 1     | 2         | 0     | 0     | 0      | 2     | 3     |
| 3:30 PM          | 1               | 0     | 0     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0               | 1     | 1     | 0      | 2     | 0         | 0     | 0     | 0      | 0     | 3     |
| 3:45 PM          | 0               | 1     | 0     | 0      | 1     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 2     |
| 4:00 PM          | 0               | 1     | 0     | 0      | 1     | 0         | 1     | 0     | 0      | 1     | 0               | 2     | 2     | 0      | 4     | 3         | 0     | 0     | 0      | 3     | 10    |
| Total Volume     | 1               | 1     | 0     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 0               | 2     | 2     | 0      | 4     | 3         | 0     | 0     | 0      | 3     | 10    |
| % Approach Total | 50.0            | 50.0  | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0             | 50.0  | 50.0  | 0.0    |       | 100.0     | 0.0   | 0.0   | 0.0    |       |       |
| PHF              | 0.250           | 0.250 | 0.000 | 0.000  | 0.500 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 0.000           | 0.500 | 0.500 | 0.000  | 0.500 | 0.375     | 0.000 | 0.000 | 0.000  | 0.375 | 0.833 |
| Entering Leg     | 1               | 1     | 0     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 0               | 2     | 2     | 0      | 4     | 3         | 0     | 0     | 0      | 3     | 10    |
| Exiting Leg      | 2               |       |       |        |       | 0         |       |       |        |       | 4               |       |       |        |       | 4         |       |       |        |       | 10    |
| Total            | 4               |       |       |        |       | 1         |       |       |        |       | 8               |       |       |        |       | 7         |       |       |        |       | 20    |

PDI File #: **240156 E**  
 Location: **N: Prospect Street S: Prospect Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Bicycles (on Roadway and Crosswalks)**

|          | Prospect Street |      |      |        |       |       |       | Broadway  |      |      |        |       |       |       | Prospect Street |      |      |        |       |       |       | Broadway  |      |      |        |       |       |       | Total |
|----------|-----------------|------|------|--------|-------|-------|-------|-----------|------|------|--------|-------|-------|-------|-----------------|------|------|--------|-------|-------|-------|-----------|------|------|--------|-------|-------|-------|-------|
|          | from North      |      |      |        |       |       |       | from East |      |      |        |       |       |       | from South      |      |      |        |       |       |       | from West |      |      |        |       |       |       |       |
|          | Right           | Thru | Left | U-Turn | CW-EB | CW-WB | Total | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total | Right           | Thru | Left | U-Turn | CW-WB | CW-EB | Total | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |       |
| 7:00 AM  | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 3    | 1    | 0      | 0     | 0     | 4     | 0               | 0    | 0    | 0      | 0     | 0     | 0     | 0         | 0    | 0    | 6      | 12    |       |       |       |
| 7:15 AM  | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 0               | 2    | 0    | 0      | 0     | 0     | 0     | 2         | 0    | 8    | 13     |       |       |       |       |
| 7:30 AM  | 0               | 5    | 0    | 0      | 3     | 0     | 8     | 0         | 2    | 0    | 0      | 0     | 1     | 3     | 1               | 0    | 0    | 0      | 3     | 1     | 5     | 0         | 8    | 1    | 10     | 26    |       |       |       |
| 7:45 AM  | 0               | 4    | 0    | 0      | 0     | 1     | 5     | 0         | 0    | 1    | 0      | 0     | 0     | 1     | 1               | 4    | 1    | 0      | 0     | 2     | 8     | 1         | 12   | 0    | 1      | 14    | 28    |       |       |
| Total    | 0               | 13   | 0    | 0      | 3     | 1     | 17    | 0         | 6    | 2    | 0      | 0     | 1     | 9     | 2               | 6    | 1    | 0      | 3     | 3     | 15    | 1         | 34   | 0    | 1      | 2     | 38    | 79    |       |
| 8:00 AM  | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 2               | 5    | 0    | 0      | 0     | 0     | 7     | 0         | 9    | 0    | 0      | 1     | 2     | 12    | 27    |
| 8:15 AM  | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 9    | 0    | 0      | 0     | 0     | 9     | 3               | 3    | 0    | 0      | 1     | 1     | 8     | 0         | 15   | 0    | 0      | 0     | 1     | 16    | 37    |
| 8:30 AM  | 0               | 6    | 1    | 0      | 0     | 0     | 7     | 0         | 5    | 0    | 0      | 1     | 0     | 6     | 2               | 2    | 1    | 0      | 1     | 0     | 6     | 0         | 17   | 0    | 0      | 0     | 0     | 17    | 36    |
| 8:45 AM  | 0               | 5    | 0    | 0      | 0     | 0     | 5     | 0         | 13   | 0    | 0      | 0     | 0     | 13    | 4               | 8    | 1    | 0      | 0     | 0     | 13    | 1         | 19   | 0    | 0      | 1     | 0     | 21    | 52    |
| Total    | 0               | 18   | 1    | 0      | 0     | 0     | 19    | 0         | 32   | 0    | 0      | 1     | 0     | 33    | 11              | 18   | 2    | 0      | 2     | 1     | 34    | 1         | 60   | 0    | 0      | 2     | 3     | 66    | 152   |
| 9:00 AM  | 1               | 2    | 1    | 0      | 0     | 0     | 4     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 1               | 3    | 0    | 0      | 0     | 0     | 4     | 0         | 13   | 0    | 0      | 0     | 3     | 16    | 27    |
| 9:15 AM  | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 3    | 0    | 0      | 1     | 0     | 4     | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 14   | 1    | 0      | 0     | 0     | 15    | 27    |
| 9:30 AM  | 0               | 4    | 1    | 0      | 0     | 0     | 5     | 0         | 0    | 1    | 0      | 0     | 0     | 1     | 1               | 5    | 0    | 0      | 0     | 0     | 6     | 0         | 9    | 0    | 0      | 0     | 2     | 11    | 23    |
| 9:45 AM  | 0               | 8    | 0    | 0      | 0     | 0     | 8     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 8    | 0    | 0      | 0     | 0     | 8     | 22    |
| Total    | 1               | 18   | 2    | 0      | 0     | 0     | 21    | 0         | 8    | 1    | 0      | 1     | 0     | 10    | 2               | 16   | 0    | 0      | 0     | 0     | 18    | 0         | 44   | 1    | 0      | 0     | 5     | 50    | 99    |
| 10:00 AM | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 1         | 3    | 0    | 0      | 1     | 0     | 5     | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 9    | 1    | 0      | 0     | 0     | 10    | 20    |
| 10:15 AM | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 0         | 8    | 0    | 0      | 0     | 0     | 8     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 5    | 0    | 0      | 2     | 0     | 7     | 19    |
| 10:30 AM | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 5    | 1    | 0      | 0     | 0     | 6     | 0               | 0    | 1    | 0      | 0     | 0     | 1     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 12    |
| 10:45 AM | 0               | 2    | 0    | 0      | 0     | 2     | 4     | 0         | 4    | 0    | 0      | 0     | 1     | 5     | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 16    |
| Total    | 0               | 8    | 0    | 0      | 0     | 2     | 10    | 1         | 20   | 1    | 0      | 1     | 1     | 24    | 0               | 7    | 1    | 0      | 0     | 0     | 8     | 0         | 22   | 1    | 0      | 2     | 0     | 25    | 67    |
| 11:00 AM | 0               | 2    | 0    | 0      | 0     | 2     | 4     | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 2               | 1    | 0    | 0      | 0     | 0     | 3     | 0         | 6    | 0    | 0      | 0     | 0     | 6     | 14    |
| 11:15 AM | 0               | 2    | 0    | 0      | 0     | 2     | 4     | 0         | 4    | 0    | 0      | 1     | 0     | 5     | 1               | 4    | 0    | 0      | 0     | 0     | 5     | 0         | 3    | 0    | 0      | 0     | 1     | 4     | 18    |
| 11:30 AM | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 1         | 5    | 1    | 0      | 0     | 0     | 7     | 0               | 2    | 1    | 0      | 0     | 0     | 3     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 14    |
| 11:45 AM | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 11    |
| Total    | 0               | 6    | 0    | 0      | 0     | 4     | 10    | 1         | 15   | 1    | 0      | 1     | 0     | 18    | 3               | 8    | 1    | 0      | 0     | 0     | 12    | 0         | 16   | 0    | 0      | 0     | 1     | 17    | 57    |
| 12:00 PM | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 2    | 2    | 0      | 0     | 1     | 5     | 0               | 2    | 0    | 0      | 1     | 0     | 3     | 0         | 0    | 0    | 0      | 0     | 0     | 0     | 12    |
| 12:15 PM | 1               | 1    | 0    | 0      | 1     | 0     | 3     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 2               | 3    | 0    | 0      | 0     | 1     | 6     | 0         | 2    | 0    | 0      | 0     | 1     | 3     | 14    |
| 12:30 PM | 1               | 4    | 0    | 0      | 0     | 1     | 6     | 0         | 4    | 1    | 0      | 1     | 0     | 6     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 1         | 5    | 0    | 0      | 0     | 1     | 7     | 20    |
| 12:45 PM | 0               | 2    | 1    | 0      | 0     | 0     | 3     | 0         | 7    | 1    | 0      | 0     | 0     | 8     | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 19    |
| Total    | 2               | 11   | 1    | 0      | 1     | 1     | 16    | 0         | 15   | 4    | 0      | 1     | 1     | 21    | 2               | 10   | 0    | 0      | 1     | 1     | 14    | 1         | 11   | 0    | 0      | 0     | 2     | 14    | 65    |
| 1:00 PM  | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 0               | 5    | 2    | 0      | 0     | 0     | 7     | 0         | 1    | 1    | 0      | 0     | 0     | 2     | 14    |
| 1:15 PM  | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 3    | 0    | 0      | 0     | 1     | 4     | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 15    |
| 1:30 PM  | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 4    | 2    | 0      | 1     | 0     | 7     | 1               | 2    | 0    | 0      | 0     | 0     | 3     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 15    |
| 1:45 PM  | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 1    | 0    | 0      | 1     | 1     | 3     | 1               | 2    | 1    | 0      | 0     | 0     | 4     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 11    |
| Total    | 0               | 9    | 0    | 0      | 0     | 0     | 9     | 0         | 11   | 2    | 0      | 2     | 2     | 17    | 2               | 12   | 3    | 0      | 0     | 0     | 17    | 0         | 11   | 1    | 0      | 0     | 0     | 12    | 55    |
| 2:00 PM  | 0               | 8    | 0    | 0      | 1     | 2     | 11    | 0         | 1    | 0    | 0      | 1     | 1     | 3     | 1               | 1    | 1    | 0      | 0     | 1     | 4     | 2         | 2    | 0    | 0      | 0     | 0     | 4     | 22    |
| 2:15 PM  | 0               | 3    | 1    | 0      | 2     | 2     | 8     | 0         | 1    | 1    | 0      | 0     | 0     | 2     | 0               | 4    | 0    | 0      | 1     | 0     | 5     | 1         | 6    | 1    | 0      | 0     | 0     | 8     | 23    |
| 2:30 PM  | 0               | 0    | 0    | 0      | 0     | 0     | 0     | 0         | 3    | 1    | 0      | 0     | 0     | 4     | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 4    | 0    | 0      | 0     | 1     | 5     | 11    |
| 2:45 PM  | 0               | 3    | 1    | 0      | 0     | 3     | 7     | 0         | 2    | 1    | 0      | 0     | 0     | 3     | 1               | 4    | 0    | 0      | 0     | 0     | 5     | 1         | 3    | 0    | 0      | 0     | 0     | 4     | 19    |
| Total    | 0               | 14   | 2    | 0      | 3     | 7     | 26    | 0         | 7    | 3    | 0      | 1     | 1     | 12    | 2               | 11   | 1    | 0      | 1     | 1     | 16    | 4         | 15   | 1    | 0      | 0     | 1     | 21    | 75    |
| 3:00 PM  | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 5    | 0    | 0      | 0     | 2     | 7     | 1               | 2    | 0    | 0      | 1     | 0     | 4     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 17    |
| 3:15 PM  | 0               | 2    | 0    | 0      | 1     | 0     | 3     | 0         | 5    | 0    | 0      | 0     | 1     | 6     | 1               | 1    | 0    | 0      | 0     | 1     | 3     | 0         | 6    | 0    | 0      | 0     | 0     | 6     | 18    |
| 3:30 PM  | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 1         | 1    | 0    | 0      | 0     | 0     | 2     | 0               | 5    | 0    | 0      | 0     | 1     | 6     | 0         | 7    | 0    | 0      | 0     | 1     | 8     | 19    |
| 3:45 PM  | 0               | 2    | 0    | 0      | 1     | 0     | 3     | 0         | 1    | 1    | 0      | 0     | 0     | 2     | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 1    | 0    | 0      | 1     | 0     | 2     | 11    |
| Total    | 0               | 9    | 0    | 0      | 2     | 0     | 11    | 1         | 12   | 1    | 0      | 0     | 3     | 17    | 2               | 12   | 0    | 0      | 1     | 2     | 17    | 0         | 18   | 0    | 0      | 1     | 1     | 20    | 65    |
| 4:00 PM  | 0               | 3    | 0    | 0      | 2     | 1     | 6     | 0         | 6    | 0    | 0      | 1     | 1     | 8     | 1               | 8    | 1    | 0      | 0     | 0     | 10    | 0         | 1    | 0    | 0      | 1     | 1     | 3     | 27    |
| 4:15 PM  | 0               | 2    | 1    | 0      | 0     | 1     | 4     | 1         | 13   | 0    | 0      | 0     | 1     | 15    | 2               | 2    | 0    | 0      | 1     | 0     | 5     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 28    |
| 4:30 PM  | 0               | 8    | 0    | 0      | 0     | 0     | 8     | 4         | 6    | 1    | 0      | 0     | 1     | 12    | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 1         | 1    | 0    | 0      | 0     | 1     | 3     | 26    |
| 4:45 PM  | 0               | 8    | 1    | 0      | 0     | 0     | 9     | 2         | 11   | 0    | 0      | 0     | 0     | 13    | 1               | 8    | 2    | 0      | 1     | 0     | 12    | 0         | 2    | 0    | 0      | 2     | 0     | 4     | 38    |
| Total    | 0               | 21   | 2    | 0      | 2     | 2     | 27    | 7         | 36   | 1    | 0      | 1     | 3     | 48    | 4               | 21   | 3    | 0      | 2     | 0     | 30    | 1         | 8    | 0    | 0      | 3     | 2     | 14    | 119   |
| 5:00 PM  | 0               | 11   | 0    | 0      | 0     | 0     | 11    | 1         | 11   | 0    | 0      | 0     | 0     | 12    | 0               | 7    | 0    | 0      | 2     | 1     | 10    | 2         | 3    | 0    | 0      | 0     | 0     | 5     | 38    |
| 5:15 PM  | 0               | 8    | 1    | 0      | 0     | 0     | 9     | 2         | 11   | 1    | 0      | 3     | 1     | 18    | 1               | 10   | 1    | 0      | 2     | 0     | 14    | 0         | 7    | 0    | 0      | 0     | 0     | 7     | 48    |
| 5:30 PM  | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 2         | 26   | 2    | 0      | 1     | 0     | 31    | 2               | 15   | 1    | 0      | 0     | 2     | 20    | 0         | 2    | 1    | 0      | 0     | 0     | 3     | 57    |
| 5:45 PM  | 0               | 8    | 0    | 0      | 0     | 0     | 8     | 0         | 19   | 1    | 0      | 0     | 1     | 21    | 0               | 13   | 3    | 0      | 0     | 0     | 16    | 0         | 4    | 0    | 0      | 0     | 1     | 5     | 50    |
| Total    | 0               | 30   | 1    | 0      | 0     | 0     | 31    | 5         | 67   | 4    | 0      | 4     | 2     | 82    | 3               | 45   | 5    | 0      | 4     | 3     | 60    | 2         | 16   | 1    | 0      | 0     | 1     | 20    | 193   |
| 6:00 PM  | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 2         | 20   | 0    | 0      | 0     | 1     | 23    | 0               | 11   | 1    | 0      | 0     | 0     | 12    | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 42    |
| 6:15 PM  | 0               | 7    | 0    | 0      | 0     | 2     | 9     | 3         | 17   | 1    | 0      | 0     | 1     | 22    | 0               | 10   | 1    | 0      | 0     | 0     | 11    | 0         | 6    | 1    | 0      | 0     | 0     | 7     | 49    |

PDI File #: **240156 E**  
 Location: **N: Prospect Street S: Prospect Street**  
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 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Bicycles (on Roadway and Crosswalks)**

|                          | Prospect Street |             |            |            |            |            |             |            | Broadway    |            |            |            |            |             |             |             | Prospect Street |            |            |            |             |            |             |            | Broadway   |            |            |             |             |       |       |  | Total       |
|--------------------------|-----------------|-------------|------------|------------|------------|------------|-------------|------------|-------------|------------|------------|------------|------------|-------------|-------------|-------------|-----------------|------------|------------|------------|-------------|------------|-------------|------------|------------|------------|------------|-------------|-------------|-------|-------|--|-------------|
|                          | from North      |             |            |            |            |            |             |            | from East   |            |            |            |            |             |             |             | from South      |            |            |            |             |            |             |            | from West  |            |            |             |             |       |       |  |             |
|                          | Right           | Thru        | Left       | U-Turn     | CW-EB      | CW-WB      | Total       |            | Right       | Thru       | Left       | U-Turn     | CW-SB      | CW-NB       | Total       |             | Right           | Thru       | Left       | U-Turn     | CW-WB       | CW-EB      | Total       |            | Right      | Thru       | Left       | U-Turn      | CW-NB       | CW-SB | Total |  |             |
| 6:30 PM                  | 0               | 4           | 0          | 0          | 0          | 0          | 4           | 0          | 21          | 1          | 0          | 0          | 0          | 22          | 2           | 10          | 3               | 0          | 2          | 1          | 18          | 2          | 7           | 1          | 0          | 1          | 1          | 12          | 56          |       |       |  |             |
| 6:45 PM                  | 1               | 3           | 2          | 0          | 0          | 0          | 6           | 0          | 4           | 0          | 0          | 1          | 0          | 5           | 0           | 7           | 2               | 0          | 0          | 0          | 9           | 0          | 2           | 0          | 0          | 0          | 0          | 1           | 3           | 23    |       |  |             |
| <b>Total</b>             | <b>1</b>        | <b>17</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>22</b>   | <b>5</b>   | <b>62</b>   | <b>2</b>   | <b>0</b>   | <b>1</b>   | <b>2</b>   | <b>72</b>   | <b>2</b>    | <b>38</b>   | <b>7</b>        | <b>0</b>   | <b>2</b>   | <b>1</b>   | <b>50</b>   | <b>2</b>   | <b>19</b>   | <b>2</b>   | <b>0</b>   | <b>1</b>   | <b>2</b>   | <b>26</b>   | <b>170</b>  |       |       |  |             |
| <b>Grand Total</b>       | <b>4</b>        | <b>174</b>  | <b>11</b>  | <b>0</b>   | <b>11</b>  | <b>19</b>  | <b>219</b>  | <b>20</b>  | <b>291</b>  | <b>22</b>  | <b>0</b>   | <b>14</b>  | <b>16</b>  | <b>363</b>  | <b>35</b>   | <b>204</b>  | <b>24</b>       | <b>0</b>   | <b>16</b>  | <b>12</b>  | <b>291</b>  | <b>12</b>  | <b>274</b>  | <b>7</b>   | <b>0</b>   | <b>10</b>  | <b>20</b>  | <b>323</b>  | <b>1196</b> |       |       |  |             |
| <b>Approach %</b>        | <b>1.8</b>      | <b>79.5</b> | <b>5.0</b> | <b>0.0</b> | <b>5.0</b> | <b>8.7</b> |             | <b>5.5</b> | <b>80.2</b> | <b>6.1</b> | <b>0.0</b> | <b>3.9</b> | <b>4.4</b> |             | <b>12.0</b> | <b>70.1</b> | <b>8.2</b>      | <b>0.0</b> | <b>5.5</b> | <b>4.1</b> |             | <b>3.7</b> | <b>84.8</b> | <b>2.2</b> | <b>0.0</b> | <b>3.1</b> | <b>6.2</b> |             |             |       |       |  |             |
| <b>Total %</b>           | <b>0.3</b>      | <b>14.5</b> | <b>0.9</b> | <b>0.0</b> | <b>0.9</b> | <b>1.6</b> | <b>18.3</b> | <b>1.7</b> | <b>24.3</b> | <b>1.8</b> | <b>0.0</b> | <b>1.2</b> | <b>1.3</b> | <b>30.4</b> | <b>2.9</b>  | <b>17.1</b> | <b>2.0</b>      | <b>0.0</b> | <b>1.3</b> | <b>1.0</b> | <b>24.3</b> | <b>1.0</b> | <b>22.9</b> | <b>0.6</b> | <b>0.0</b> | <b>0.8</b> | <b>1.7</b> | <b>27.0</b> |             |       |       |  |             |
| <b>Exiting Leg Total</b> | <b>261</b>      |             |            |            |            |            |             |            | <b>350</b>  |            |            |            |            |             |             |             | <b>236</b>      |            |            |            |             |            |             |            | <b>349</b> |            |            |             |             |       |       |  | <b>1196</b> |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                         | Prospect Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |              |              |              | Prospect Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |       |       |  | Total      |
|-------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------|--|------------|
|                         | from North      |              |              |              |              |              |              |              | from East    |              |              |              |              |              |              |              | from South      |              |              |              |              |              |              |              | from West    |              |              |              |              |       |       |  |            |
|                         | Right           | Thru         | Left         | U-Turn       | CW-EB        | CW-WB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-SB        | CW-NB        | Total        |              | Right           | Thru         | Left         | U-Turn       | CW-WB        | CW-EB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-NB        | CW-SB | Total |  |            |
| 8:00 AM                 | 0               | 3            | 0            | 0            | 0            | 0            | 3            | 0            | 5            | 0            | 0            | 0            | 0            | 5            | 2            | 5            | 0               | 0            | 0            | 0            | 7            | 0            | 9            | 0            | 0            | 1            | 2            | 12           | 27           |       |       |  |            |
| 8:15 AM                 | 0               | 4            | 0            | 0            | 0            | 0            | 4            | 0            | 9            | 0            | 0            | 0            | 0            | 9            | 3            | 3            | 0               | 0            | 1            | 1            | 8            | 0            | 15           | 0            | 0            | 0            | 0            | 1            | 16           | 37    |       |  |            |
| 8:30 AM                 | 0               | 6            | 1            | 0            | 0            | 0            | 7            | 0            | 5            | 0            | 0            | 1            | 0            | 6            | 2            | 2            | 1               | 0            | 1            | 0            | 6            | 0            | 17           | 0            | 0            | 0            | 0            | 0            | 17           | 36    |       |  |            |
| 8:45 AM                 | 0               | 5            | 0            | 0            | 0            | 0            | 5            | 0            | 13           | 0            | 0            | 0            | 0            | 13           | 4            | 8            | 1               | 0            | 0            | 0            | 13           | 1            | 19           | 0            | 0            | 1            | 0            | 21           | 52           |       |       |  |            |
| <b>Total Volume</b>     | <b>0</b>        | <b>18</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>19</b>    | <b>0</b>     | <b>32</b>    | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>0</b>     | <b>33</b>    | <b>11</b>    | <b>18</b>    | <b>2</b>        | <b>0</b>     | <b>2</b>     | <b>1</b>     | <b>34</b>    | <b>1</b>     | <b>60</b>    | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>3</b>     | <b>66</b>    | <b>152</b>   |       |       |  |            |
| <b>% Approach Total</b> | <b>0.0</b>      | <b>94.7</b>  | <b>5.3</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>   | <b>97.0</b>  | <b>0.0</b>   | <b>0.0</b>   | <b>3.0</b>   | <b>0.0</b>   |              | <b>32.4</b>  | <b>52.9</b>  | <b>5.9</b>      | <b>0.0</b>   | <b>5.9</b>   | <b>2.9</b>   |              | <b>1.5</b>   | <b>90.9</b>  | <b>0.0</b>   | <b>0.0</b>   | <b>3.0</b>   | <b>4.5</b>   |              |              |       |       |  |            |
| <b>PHF</b>              | <b>0.000</b>    | <b>0.750</b> | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.679</b> | <b>0.000</b> | <b>0.615</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.000</b> | <b>0.635</b> | <b>0.688</b> | <b>0.563</b> | <b>0.500</b>    | <b>0.000</b> | <b>0.500</b> | <b>0.250</b> | <b>0.654</b> | <b>0.250</b> | <b>0.789</b> | <b>0.000</b> | <b>0.000</b> | <b>0.500</b> | <b>0.375</b> | <b>0.786</b> | <b>0.731</b> |       |       |  |            |
| <b>Entering Leg</b>     | <b>0</b>        | <b>18</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>19</b>    | <b>0</b>     | <b>32</b>    | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>0</b>     | <b>33</b>    | <b>11</b>    | <b>18</b>    | <b>2</b>        | <b>0</b>     | <b>2</b>     | <b>1</b>     | <b>34</b>    | <b>1</b>     | <b>60</b>    | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>3</b>     | <b>66</b>    | <b>152</b>   |       |       |  |            |
| <b>Exiting Leg</b>      | <b>18</b>       |              |              |              |              |              |              |              | <b>73</b>    |              |              |              |              |              |              |              | <b>22</b>       |              |              |              |              |              |              |              | <b>39</b>    |              |              |              |              |       |       |  | <b>152</b> |
| <b>Total</b>            | <b>37</b>       |              |              |              |              |              |              |              | <b>106</b>   |              |              |              |              |              |              |              | <b>56</b>       |              |              |              |              |              |              |              | <b>105</b>   |              |              |              |              |       |       |  | <b>304</b> |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                         | Prospect Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |              |              |              | Prospect Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |           |       |  | Total      |
|-------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|-------|--|------------|
|                         | from North      |              |              |              |              |              |              |              | from East    |              |              |              |              |              |              |              | from South      |              |              |              |              |              |              |              | from West    |              |              |              |              |           |       |  |            |
|                         | Right           | Thru         | Left         | U-Turn       | CW-EB        | CW-WB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-SB        | CW-NB        | Total        |              | Right           | Thru         | Left         | U-Turn       | CW-WB        | CW-EB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-NB        | CW-SB     | Total |  |            |
| 1:30 PM                 | 0               | 2            | 0            | 0            | 0            | 0            | 2            | 0            | 4            | 2            | 0            | 1            | 0            | 7            | 1            | 2            | 0               | 0            | 0            | 0            | 3            | 0            | 3            | 0            | 0            | 0            | 0            | 0            | 3            | 15        |       |  |            |
| 1:45 PM                 | 0               | 1            | 0            | 0            | 0            | 0            | 1            | 0            | 1            | 0            | 0            | 1            | 1            | 3            | 1            | 2            | 1               | 0            | 0            | 0            | 4            | 0            | 3            | 0            | 0            | 0            | 0            | 0            | 3            | 11        |       |  |            |
| 2:00 PM                 | 0               | 8            | 0            | 0            | 1            | 2            | 11           | 0            | 1            | 0            | 0            | 1            | 1            | 3            | 1            | 1            | 1               | 0            | 0            | 1            | 4            | 2            | 2            | 0            | 0            | 0            | 0            | 0            | 4            | 22        |       |  |            |
| 2:15 PM                 | 0               | 3            | 1            | 0            | 2            | 2            | 8            | 0            | 1            | 1            | 0            | 0            | 0            | 2            | 0            | 4            | 0               | 0            | 1            | 0            | 5            | 1            | 6            | 1            | 0            | 0            | 0            | 0            | 8            | 23        |       |  |            |
| <b>Total Volume</b>     | <b>0</b>        | <b>14</b>    | <b>1</b>     | <b>0</b>     | <b>3</b>     | <b>4</b>     | <b>22</b>    | <b>0</b>     | <b>7</b>     | <b>3</b>     | <b>0</b>     | <b>3</b>     | <b>2</b>     | <b>15</b>    | <b>3</b>     | <b>9</b>     | <b>2</b>        | <b>0</b>     | <b>1</b>     | <b>1</b>     | <b>16</b>    | <b>3</b>     | <b>14</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>18</b>    | <b>71</b> |       |  |            |
| <b>% Approach Total</b> | <b>0.0</b>      | <b>63.6</b>  | <b>4.5</b>   | <b>0.0</b>   | <b>13.6</b>  | <b>18.2</b>  |              | <b>0.0</b>   | <b>46.7</b>  | <b>20.0</b>  | <b>0.0</b>   | <b>20.0</b>  | <b>13.3</b>  |              | <b>18.8</b>  | <b>56.3</b>  | <b>12.5</b>     | <b>0.0</b>   | <b>6.3</b>   | <b>6.3</b>   |              | <b>16.7</b>  | <b>77.8</b>  | <b>5.6</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |              |              |           |       |  |            |
| <b>PHF</b>              | <b>0.000</b>    | <b>0.438</b> | <b>0.250</b> | <b>0.000</b> | <b>0.375</b> | <b>0.500</b> | <b>0.500</b> | <b>0.000</b> | <b>0.438</b> | <b>0.375</b> | <b>0.000</b> | <b>0.750</b> | <b>0.500</b> | <b>0.536</b> | <b>0.750</b> | <b>0.563</b> | <b>0.500</b>    | <b>0.000</b> | <b>0.250</b> | <b>0.250</b> | <b>0.800</b> | <b>0.375</b> | <b>0.583</b> | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.563</b> | <b>0.772</b> |           |       |  |            |
| <b>Entering Leg</b>     | <b>0</b>        | <b>14</b>    | <b>1</b>     | <b>0</b>     | <b>3</b>     | <b>4</b>     | <b>22</b>    | <b>0</b>     | <b>7</b>     | <b>3</b>     | <b>0</b>     | <b>3</b>     | <b>2</b>     | <b>15</b>    | <b>3</b>     | <b>9</b>     | <b>2</b>        | <b>0</b>     | <b>1</b>     | <b>1</b>     | <b>16</b>    | <b>3</b>     | <b>14</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>18</b>    | <b>71</b> |       |  |            |
| <b>Exiting Leg</b>      | <b>17</b>       |              |              |              |              |              |              |              | <b>23</b>    |              |              |              |              |              |              |              | <b>22</b>       |              |              |              |              |              |              |              | <b>9</b>     |              |              |              |              |           |       |  | <b>71</b>  |
| <b>Total</b>            | <b>39</b>       |              |              |              |              |              |              |              | <b>38</b>    |              |              |              |              |              |              |              | <b>38</b>       |              |              |              |              |              |              |              | <b>27</b>    |              |              |              |              |           |       |  | <b>142</b> |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                         | Prospect Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |              |              |              | Prospect Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |       |       |  | Total      |
|-------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------|--|------------|
|                         | from North      |              |              |              |              |              |              |              | from East    |              |              |              |              |              |              |              | from South      |              |              |              |              |              |              |              | from West    |              |              |              |              |       |       |  |            |
|                         | Right           | Thru         | Left         | U-Turn       | CW-EB        | CW-WB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-SB        | CW-NB        | Total        |              | Right           | Thru         | Left         | U-Turn       | CW-WB        | CW-EB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-NB        | CW-SB | Total |  |            |
| 5:30 PM                 | 0               | 3            | 0            | 0            | 0            | 0            | 3            | 2            | 26           | 2            | 0            | 1            | 0            | 31           | 2            | 15           | 1               | 0            | 0            | 2            | 20           | 0            | 2            | 1            | 0            | 0            | 0            | 0            | 3            | 57    |       |  |            |
| 5:45 PM                 | 0               | 8            | 0            | 0            | 0            | 0            | 8            | 0            | 19           | 1            | 0            | 0            | 1            | 21           | 0            | 13           | 3               | 0            | 0            | 0            | 16           | 0            | 4            | 0            | 0            | 0            | 0            | 1            | 5            | 50    |       |  |            |
| 6:00 PM                 | 0               | 3            | 0            | 0            | 0            | 0            | 3            | 2            | 20           | 0            | 0            | 0            | 1            | 23           | 0            | 11           | 1               | 0            | 0            | 0            | 12           | 0            | 4            | 0            | 0            | 0            | 0            | 0            | 4            | 42    |       |  |            |
| 6:15 PM                 | 0               | 7            | 0            | 0            | 0            | 2            | 9            | 3            | 17           | 1            | 0            | 0            | 1            | 22           | 0            | 10           | 1               | 0            | 0            | 0            | 11           | 0            | 6            | 1            | 0            | 0            | 0            | 0            | 7            | 49    |       |  |            |
| <b>Total Volume</b>     | <b>0</b>        | <b>21</b>    | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>23</b>    | <b>7</b>     | <b>82</b>    | <b>4</b>     | <b>0</b>     | <b>1</b>     | <b>3</b>     | <b>97</b>    | <b>2</b>     | <b>49</b>    | <b>6</b>        | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>59</b>    | <b>0</b>     | <b>16</b>    | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>19</b>    | <b>198</b>   |       |       |  |            |
| <b>% Approach Total</b> | <b>0.0</b>      | <b>91.3</b>  | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>8.7</b>   |              | <b>7.2</b>   | <b>84.5</b>  | <b>4.1</b>   | <b>0.0</b>   | <b>1.0</b>   | <b>3.1</b>   |              | <b>3.4</b>   | <b>83.1</b>  | <b>10.2</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>3.4</b>   |              | <b>0.0</b>   | <b>84.2</b>  | <b>10.5</b>  | <b>0.0</b>   | <b>0.0</b>   | <b>5.3</b>   |              |              |       |       |  |            |
| <b>PHF</b>              | <b>0.000</b>    | <b>0.656</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.639</b> | <b>0.583</b> | <b>0.788</b> | <b>0.500</b> | <b>0.000</b> | <b>0.250</b> | <b>0.750</b> | <b>0.782</b> | <b>0.250</b> | <b>0.817</b> | <b>0.500</b>    | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.738</b> | <b>0.000</b> | <b>0.667</b> | <b>0.500</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.679</b> | <b>0.868</b> |       |       |  |            |
| <b>Entering Leg</b>     | <b>0</b>        | <b>21</b>    | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>23</b>    | <b>7</b>     | <b>82</b>    | <b>4</b>     | <b>0</b>     | <b>1</b>     | <b>3</b>     | <b>97</b>    | <b>2</b>     | <b>49</b>    | <b>6</b>        | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>59</b>    | <b>0</b>     | <b>16</b>    | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>19</b>    | <b>198</b>   |       |       |  |            |
| <b>Exiting Leg</b>      | <b>60</b>       |              |              |              |              |              |              |              | <b>22</b>    |              |              |              |              |              |              |              | <b>27</b>       |              |              |              |              |              |              |              | <b>89</b>    |              |              |              |              |       |       |  | <b>198</b> |
| <b>Total</b>            | <b>83</b>       |              |              |              |              |              |              |              | <b>119</b>   |              |              |              |              |              |              |              | <b>86</b>       |              |              |              |              |              |              |              | <b>108</b>   |              |              |              |              |       |       |  | <b>396</b> |

PDI File #: **240156 E**  
 Location: **N: Prospect Street S: Prospect Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Pedestrians**

|          | Prospect Street |      |      |        |       |       |       |  | Broadway  |      |      |        |       |       |       |  | Prospect Street |      |      |        |       |       |       |  | Broadway  |      |      |        |       |       |       |     | Total |
|----------|-----------------|------|------|--------|-------|-------|-------|--|-----------|------|------|--------|-------|-------|-------|--|-----------------|------|------|--------|-------|-------|-------|--|-----------|------|------|--------|-------|-------|-------|-----|-------|
|          | from North      |      |      |        |       |       |       |  | from East |      |      |        |       |       |       |  | from South      |      |      |        |       |       |       |  | from West |      |      |        |       |       |       |     |       |
|          | Right           | Thru | Left | U-Turn | CW-EB | CW-WB | Total |  | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total |  | Right           | Thru | Left | U-Turn | CW-WB | CW-EB | Total |  | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |     |       |
| 7:00 AM  | 0               | 0    | 0    | 0      | 1     | 2     | 3     |  | 0         | 0    | 0    | 0      | 8     | 3     | 11    |  | 0               | 0    | 0    | 0      | 3     | 6     | 9     |  | 0         | 0    | 0    | 0      | 0     | 8     | 8     | 31  |       |
| 7:15 AM  | 0               | 0    | 0    | 0      | 3     | 6     | 9     |  | 0         | 0    | 0    | 0      | 5     | 7     | 12    |  | 0               | 0    | 0    | 0      | 7     | 3     | 10    |  | 0         | 0    | 0    | 0      | 7     | 7     | 14    | 45  |       |
| 7:30 AM  | 0               | 0    | 0    | 0      | 16    | 14    | 30    |  | 0         | 0    | 0    | 0      | 14    | 7     | 21    |  | 0               | 0    | 0    | 0      | 4     | 11    | 15    |  | 0         | 0    | 0    | 0      | 9     | 13    | 22    | 88  |       |
| 7:45 AM  | 0               | 0    | 0    | 0      | 27    | 15    | 42    |  | 0         | 0    | 0    | 0      | 21    | 9     | 30    |  | 0               | 0    | 0    | 0      | 8     | 8     | 16    |  | 0         | 0    | 0    | 0      | 14    | 12    | 26    | 114 |       |
| Total    | 0               | 0    | 0    | 0      | 47    | 37    | 84    |  | 0         | 0    | 0    | 0      | 48    | 26    | 74    |  | 0               | 0    | 0    | 0      | 22    | 28    | 50    |  | 0         | 0    | 0    | 0      | 30    | 40    | 70    | 278 |       |
| 8:00 AM  | 0               | 0    | 0    | 0      | 23    | 10    | 33    |  | 0         | 0    | 0    | 0      | 27    | 4     | 31    |  | 0               | 0    | 0    | 0      | 12    | 14    | 26    |  | 0         | 0    | 0    | 0      | 10    | 14    | 24    | 114 |       |
| 8:15 AM  | 0               | 0    | 0    | 0      | 16    | 10    | 26    |  | 0         | 0    | 0    | 0      | 16    | 24    | 40    |  | 0               | 0    | 0    | 0      | 15    | 14    | 29    |  | 0         | 0    | 0    | 0      | 9     | 19    | 28    | 123 |       |
| 8:30 AM  | 0               | 0    | 0    | 0      | 11    | 9     | 20    |  | 0         | 0    | 0    | 0      | 20    | 10    | 30    |  | 0               | 0    | 0    | 0      | 5     | 11    | 16    |  | 0         | 0    | 0    | 0      | 12    | 7     | 19    | 85  |       |
| 8:45 AM  | 0               | 0    | 0    | 0      | 14    | 11    | 25    |  | 0         | 0    | 0    | 0      | 11    | 6     | 17    |  | 0               | 0    | 0    | 0      | 7     | 5     | 12    |  | 0         | 0    | 0    | 0      | 4     | 11    | 15    | 69  |       |
| Total    | 0               | 0    | 0    | 0      | 64    | 40    | 104   |  | 0         | 0    | 0    | 0      | 74    | 44    | 118   |  | 0               | 0    | 0    | 0      | 39    | 44    | 83    |  | 0         | 0    | 0    | 0      | 35    | 51    | 86    | 391 |       |
| 9:00 AM  | 0               | 0    | 0    | 0      | 6     | 2     | 8     |  | 0         | 0    | 0    | 0      | 8     | 13    | 21    |  | 0               | 0    | 0    | 0      | 8     | 17    | 25    |  | 0         | 0    | 0    | 0      | 9     | 14    | 23    | 77  |       |
| 9:15 AM  | 0               | 0    | 0    | 0      | 14    | 7     | 21    |  | 0         | 0    | 0    | 0      | 13    | 5     | 18    |  | 0               | 0    | 0    | 0      | 6     | 9     | 15    |  | 0         | 0    | 0    | 0      | 6     | 6     | 12    | 66  |       |
| 9:30 AM  | 0               | 0    | 0    | 0      | 18    | 4     | 22    |  | 0         | 0    | 0    | 0      | 20    | 7     | 27    |  | 0               | 0    | 0    | 0      | 5     | 7     | 12    |  | 0         | 0    | 0    | 0      | 6     | 9     | 15    | 76  |       |
| 9:45 AM  | 0               | 0    | 0    | 0      | 7     | 3     | 10    |  | 0         | 0    | 0    | 0      | 6     | 6     | 12    |  | 0               | 0    | 0    | 0      | 6     | 10    | 16    |  | 0         | 0    | 0    | 0      | 1     | 8     | 9     | 47  |       |
| Total    | 0               | 0    | 0    | 0      | 45    | 16    | 61    |  | 0         | 0    | 0    | 0      | 47    | 31    | 78    |  | 0               | 0    | 0    | 0      | 25    | 43    | 68    |  | 0         | 0    | 0    | 0      | 22    | 37    | 59    | 266 |       |
| 10:00 AM | 0               | 0    | 0    | 0      | 8     | 5     | 13    |  | 0         | 0    | 0    | 0      | 17    | 5     | 22    |  | 0               | 0    | 0    | 0      | 10    | 4     | 14    |  | 0         | 0    | 0    | 0      | 8     | 1     | 9     | 58  |       |
| 10:15 AM | 0               | 0    | 0    | 0      | 4     | 3     | 7     |  | 0         | 0    | 0    | 0      | 16    | 3     | 19    |  | 0               | 0    | 0    | 0      | 5     | 4     | 9     |  | 0         | 0    | 0    | 0      | 3     | 6     | 9     | 44  |       |
| 10:30 AM | 0               | 0    | 0    | 0      | 7     | 2     | 9     |  | 0         | 0    | 0    | 0      | 36    | 4     | 40    |  | 0               | 0    | 0    | 0      | 6     | 6     | 12    |  | 0         | 0    | 0    | 0      | 3     | 2     | 5     | 66  |       |
| 10:45 AM | 0               | 0    | 0    | 0      | 1     | 7     | 8     |  | 0         | 0    | 0    | 0      | 7     | 5     | 12    |  | 0               | 0    | 0    | 0      | 0     | 6     | 6     |  |           | 0    | 0    | 0      | 0     | 2     | 7     | 9   | 35    |
| Total    | 0               | 0    | 0    | 0      | 20    | 17    | 37    |  | 0         | 0    | 0    | 0      | 76    | 17    | 93    |  | 0               | 0    | 0    | 0      | 21    | 20    | 41    |  | 0         | 0    | 0    | 0      | 16    | 16    | 32    | 203 |       |
| 11:00 AM | 0               | 0    | 0    | 0      | 5     | 2     | 7     |  | 0         | 0    | 0    | 0      | 2     | 4     | 6     |  | 0               | 0    | 0    | 0      | 7     | 1     | 8     |  | 0         | 0    | 0    | 0      | 7     | 3     | 10    | 31  |       |
| 11:15 AM | 0               | 0    | 0    | 0      | 3     | 7     | 10    |  | 0         | 0    | 0    | 0      | 11    | 5     | 16    |  | 0               | 0    | 0    | 0      | 7     | 4     | 11    |  | 0         | 0    | 0    | 0      | 7     | 3     | 10    | 47  |       |
| 11:30 AM | 0               | 0    | 0    | 0      | 4     | 2     | 6     |  | 0         | 0    | 0    | 0      | 5     | 5     | 10    |  | 0               | 0    | 0    | 0      | 21    | 6     | 27    |  | 0         | 0    | 0    | 0      | 22    | 6     | 28    | 71  |       |
| 11:45 AM | 0               | 0    | 0    | 0      | 5     | 2     | 7     |  | 0         | 0    | 0    | 0      | 8     | 4     | 12    |  | 0               | 0    | 0    | 0      | 9     | 7     | 16    |  | 0         | 0    | 0    | 0      | 1     | 4     | 5     | 40  |       |
| Total    | 0               | 0    | 0    | 0      | 17    | 13    | 30    |  | 0         | 0    | 0    | 0      | 26    | 18    | 44    |  | 0               | 0    | 0    | 0      | 44    | 18    | 62    |  | 0         | 0    | 0    | 0      | 37    | 16    | 53    | 189 |       |
| 12:00 PM | 0               | 0    | 0    | 0      | 4     | 2     | 6     |  | 0         | 0    | 0    | 0      | 7     | 3     | 10    |  | 0               | 0    | 0    | 0      | 4     | 6     | 10    |  | 0         | 0    | 0    | 0      | 5     | 5     | 10    | 36  |       |
| 12:15 PM | 0               | 0    | 0    | 0      | 4     | 12    | 16    |  | 0         | 0    | 0    | 0      | 17    | 12    | 29    |  | 0               | 0    | 0    | 0      | 5     | 9     | 14    |  | 0         | 0    | 0    | 0      | 9     | 5     | 14    | 73  |       |
| 12:30 PM | 0               | 0    | 0    | 0      | 6     | 15    | 21    |  | 0         | 0    | 0    | 0      | 23    | 5     | 28    |  | 0               | 0    | 0    | 0      | 8     | 16    | 24    |  | 0         | 0    | 0    | 0      | 7     | 13    | 20    | 93  |       |
| 12:45 PM | 0               | 0    | 0    | 0      | 3     | 7     | 10    |  | 0         | 0    | 0    | 0      | 14    | 9     | 23    |  | 0               | 0    | 0    | 0      | 7     | 8     | 15    |  | 0         | 0    | 0    | 0      | 4     | 9     | 13    | 61  |       |
| Total    | 0               | 0    | 0    | 0      | 17    | 36    | 53    |  | 0         | 0    | 0    | 0      | 61    | 29    | 90    |  | 0               | 0    | 0    | 0      | 24    | 39    | 63    |  | 0         | 0    | 0    | 0      | 25    | 32    | 57    | 263 |       |
| 1:00 PM  | 0               | 0    | 0    | 0      | 5     | 1     | 6     |  | 0         | 0    | 0    | 0      | 11    | 8     | 19    |  | 0               | 0    | 0    | 0      | 12    | 12    | 24    |  | 0         | 0    | 0    | 0      | 7     | 5     | 12    | 61  |       |
| 1:15 PM  | 0               | 0    | 0    | 0      | 5     | 5     | 10    |  | 0         | 0    | 0    | 0      | 6     | 15    | 21    |  | 0               | 0    | 0    | 0      | 5     | 4     | 9     |  | 0         | 0    | 0    | 0      | 7     | 1     | 8     | 48  |       |
| 1:30 PM  | 0               | 0    | 0    | 0      | 2     | 4     | 6     |  | 0         | 0    | 0    | 0      | 8     | 11    | 19    |  | 0               | 0    | 0    | 0      | 4     | 6     | 10    |  | 0         | 0    | 0    | 0      | 6     | 2     | 8     | 43  |       |
| 1:45 PM  | 0               | 0    | 0    | 0      | 4     | 10    | 14    |  | 0         | 0    | 0    | 0      | 3     | 14    | 17    |  | 0               | 0    | 0    | 0      | 3     | 7     | 10    |  | 0         | 0    | 0    | 0      | 3     | 9     | 12    | 53  |       |
| Total    | 0               | 0    | 0    | 0      | 16    | 20    | 36    |  | 0         | 0    | 0    | 0      | 28    | 48    | 76    |  | 0               | 0    | 0    | 0      | 24    | 29    | 53    |  | 0         | 0    | 0    | 0      | 23    | 17    | 40    | 205 |       |
| 2:00 PM  | 0               | 0    | 0    | 0      | 1     | 3     | 4     |  | 0         | 0    | 0    | 0      | 6     | 12    | 18    |  | 0               | 0    | 0    | 0      | 10    | 11    | 21    |  | 0         | 0    | 0    | 0      | 8     | 5     | 13    | 56  |       |
| 2:15 PM  | 0               | 0    | 0    | 0      | 6     | 6     | 12    |  | 0         | 0    | 0    | 0      | 7     | 7     | 14    |  | 0               | 0    | 0    | 0      | 4     | 7     | 11    |  | 0         | 0    | 0    | 0      | 7     | 10    | 17    | 54  |       |
| 2:30 PM  | 0               | 0    | 0    | 0      | 11    | 0     | 11    |  | 0         | 0    | 0    | 0      | 6     | 3     | 9     |  | 0               | 0    | 0    | 0      | 7     | 8     | 15    |  | 0         | 0    | 0    | 0      | 8     | 4     | 12    | 47  |       |
| 2:45 PM  | 0               | 0    | 0    | 0      | 4     | 2     | 6     |  | 0         | 0    | 0    | 0      | 6     | 10    | 16    |  | 0               | 0    | 0    | 0      | 8     | 6     | 14    |  | 0         | 0    | 0    | 0      | 11    | 11    | 22    | 58  |       |
| Total    | 0               | 0    | 0    | 0      | 22    | 11    | 33    |  | 0         | 0    | 0    | 0      | 25    | 32    | 57    |  | 0               | 0    | 0    | 0      | 29    | 32    | 61    |  | 0         | 0    | 0    | 0      | 34    | 30    | 64    | 215 |       |
| 3:00 PM  | 0               | 0    | 0    | 0      | 10    | 9     | 19    |  | 0         | 0    | 0    | 0      | 11    | 6     | 17    |  | 0               | 0    | 0    | 0      | 5     | 10    | 15    |  | 0         | 0    | 0    | 0      | 7     | 6     | 13    | 64  |       |
| 3:15 PM  | 0               | 0    | 0    | 0      | 19    | 8     | 27    |  | 0         | 0    | 0    | 0      | 12    | 13    | 25    |  | 0               | 0    | 0    | 0      | 11    | 22    | 33    |  | 0         | 0    | 0    | 0      | 13    | 15    | 28    | 113 |       |
| 3:30 PM  | 0               | 0    | 0    | 0      | 7     | 6     | 13    |  | 0         | 0    | 0    | 0      | 10    | 11    | 21    |  | 0               | 0    | 0    | 0      | 5     | 13    | 18    |  | 0         | 0    | 0    | 0      | 14    | 20    | 34    | 86  |       |
| 3:45 PM  | 0               | 0    | 0    | 0      | 5     | 11    | 16    |  | 0         | 0    | 0    | 0      | 10    | 9     | 19    |  | 0               | 0    | 0    | 0      | 9     | 7     | 16    |  | 0         | 0    | 0    | 0      | 10    | 7     | 17    | 68  |       |
| Total    | 0               | 0    | 0    | 0      | 41    | 34    | 75    |  | 0         | 0    | 0    | 0      | 43    | 39    | 82    |  | 0               | 0    | 0    | 0      | 30    | 52    | 82    |  | 0         | 0    | 0    | 0      | 44    | 48    | 92    | 331 |       |
| 4:00 PM  | 0               | 0    | 0    | 0      | 9     | 5     | 14    |  | 0         | 0    | 0    | 0      | 19    | 13    | 32    |  | 0               | 0    | 0    | 0      | 10    | 14    | 24    |  | 0         | 0    | 0    | 0      | 13    | 9     | 22    | 92  |       |
| 4:15 PM  | 0               | 0    | 0    | 0      | 17    | 10    | 27    |  | 0         | 0    | 0    | 0      | 7     | 12    | 19    |  | 0               | 0    | 0    | 0      | 8     | 5     | 13    |  | 0         | 0    | 0    | 0      | 8     | 7     | 15    | 74  |       |
| 4:30 PM  | 0               | 0    | 0    | 0      | 5     | 12    | 17    |  | 0         | 0    | 0    | 0      | 6     | 20    | 26    |  | 0               | 0    | 0    | 0      | 7     | 7     | 14    |  | 0         | 0    | 0    | 0      | 13    | 7     | 20    | 77  |       |
| 4:45 PM  | 0               | 0    | 0    | 0      | 3     | 14    | 17    |  | 0         | 0    | 0    | 0      | 12    | 15    | 27    |  | 0               | 0    | 0    | 0      | 16    | 9     | 25    |  | 0         | 0    | 0    | 0      | 18    | 15    | 33    | 102 |       |
| Total    | 0               | 0    | 0    | 0      | 34    | 41    | 75    |  | 0         | 0    | 0    | 0      | 44    | 60    | 104   |  | 0               | 0    | 0    | 0      | 41    | 35    | 76    |  | 0         | 0    | 0    | 0      | 52    | 38    | 90    | 345 |       |
| 5:00 PM  | 0               | 0    | 0    | 0      | 22    | 17    | 39    |  | 0         | 0    | 0    | 0      | 23    | 20    | 43    |  | 0               | 0    | 0    | 0      | 12    | 10    | 22    |  | 0         | 0    | 0    | 0      | 12    | 14    | 26    | 130 |       |
| 5:15 PM  | 0               | 0    | 0    | 0      | 18    | 25    | 43    |  | 0         | 0    | 0    | 0      | 20    | 37    | 57    |  | 0               | 0    | 0    | 0      | 18    | 19    | 37    |  | 0         | 0    | 0    | 0      | 16    | 15    | 31    | 168 |       |
| 5:30 PM  | 0               | 0    | 0    | 0      | 20    | 26    | 46    |  | 0         | 0    | 0    | 0      | 21    | 32    | 53    |  | 0               | 0    | 0    | 0      | 17    | 10    | 27    |  | 0         | 0    | 0    | 0      | 28    | 16    | 44    | 170 |       |
| 5:45 PM  | 0               | 0    | 0    | 0      | 10    | 27    | 37    |  | 0         | 0    | 0    | 0      | 24    | 34    | 58    |  | 0               | 0    | 0    | 0      | 18    | 14    | 32    |  | 0         | 0    | 0    | 0      | 15    | 14    | 29    | 156 |       |
| Total    | 0               | 0    | 0    | 0      | 70    | 95    | 165   |  | 0         | 0    | 0    | 0      | 88    | 123   | 211   |  | 0               | 0    | 0    | 0      | 65    | 53    | 118   |  | 0         | 0    | 0    | 0      | 71    | 59    | 130   | 624 |       |
| 6:00 PM  | 0               | 0    | 0    | 0      | 8     | 11    | 19    |  | 0         | 0    | 0    | 0      | 19    | 33    | 52    |  | 0               | 0    | 0    | 0      | 15    |       |       |  |           |      |      |        |       |       |       |     |       |

PDI File #: **240156 E**  
 Location: **N: Prospect Street S: Prospect Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Pedestrians**

|                          | Prospect Street |      |      |        |       |       |       |      | Broadway  |      |      |        |       |       |       |   | Prospect Street |      |      |        |       |       |       |   | Broadway  |      |      |        |       |       |       |  | Total |
|--------------------------|-----------------|------|------|--------|-------|-------|-------|------|-----------|------|------|--------|-------|-------|-------|---|-----------------|------|------|--------|-------|-------|-------|---|-----------|------|------|--------|-------|-------|-------|--|-------|
|                          | from North      |      |      |        |       |       |       |      | from East |      |      |        |       |       |       |   | from South      |      |      |        |       |       |       |   | from West |      |      |        |       |       |       |  |       |
|                          | Right           | Thru | Left | U-Turn | CW-EB | CW-WB | Total |      | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total |   | Right           | Thru | Left | U-Turn | CW-WB | CW-EB | Total |   | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |  |       |
| 6:30 PM                  | 0               | 0    | 0    | 0      | 6     | 13    | 19    | 0    | 0         | 0    | 0    | 14     | 24    | 38    | 0     | 0 | 0               | 0    | 6    | 14     | 20    | 0     | 0     | 0 | 0         | 21   | 14   | 35     | 112   |       |       |  |       |
| 6:45 PM                  | 0               | 0    | 0    | 0      | 13    | 6     | 19    | 0    | 0         | 0    | 0    | 14     | 32    | 46    | 0     | 0 | 0               | 0    | 13   | 10     | 23    | 0     | 0     | 0 | 0         | 24   | 17   | 41     | 129   |       |       |  |       |
| <b>Total</b>             | 0               | 0    | 0    | 0      | 38    | 37    | 75    | 0    | 0         | 0    | 0    | 59     | 117   | 176   | 0     | 0 | 0               | 0    | 47   | 53     | 100   | 0     | 0     | 0 | 0         | 92   | 55   | 147    | 498   |       |       |  |       |
| <b>Grand Total</b>       | 0               | 0    | 0    | 0      | 431   | 397   | 828   | 0    | 0         | 0    | 0    | 619    | 584   | 1203  | 0     | 0 | 0               | 0    | 411  | 446    | 857   | 0     | 0     | 0 | 0         | 481  | 439  | 920    | 3808  |       |       |  |       |
| <b>Approach %</b>        | 0               | 0    | 0    | 0      | 52.1  | 47.9  |       | 0    | 0         | 0    | 0    | 51.5   | 48.5  |       | 0     | 0 | 0               | 0    | 48   | 52     |       | 0     | 0     | 0 | 0         | 52.3 | 47.7 |        |       |       |       |  |       |
| <b>Total %</b>           | 0               | 0    | 0    | 0      | 11.3  | 10.4  | 21.7  | 0    | 0         | 0    | 0    | 16.3   | 15.3  | 31.6  | 0     | 0 | 0               | 0    | 10.8 | 11.7   | 22.5  | 0     | 0     | 0 | 0         | 12.6 | 11.5 | 24.2   |       |       |       |  |       |
| <b>Exiting Leg Total</b> | 828             |      |      |        |       |       |       | 1203 |           |      |      |        |       |       | 857   |   |                 |      |      |        |       | 920   |       |   |           |      |      |        | 3808  |       |       |  |       |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                         | Prospect Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Prospect Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North      |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South      |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right           | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right           | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 7:30 AM                 | 0               | 0     | 0     | 0      | 16    | 14    | 30    | 0     | 0         | 0     | 0     | 14     | 7     | 21    | 0     | 0     | 0               | 0     | 4     | 11     | 15    | 0     | 0     | 0     | 0         | 9     | 13    | 22     | 88    |       |       |  |       |
| 7:45 AM                 | 0               | 0     | 0     | 0      | 27    | 15    | 42    | 0     | 0         | 0     | 0     | 21     | 9     | 30    | 0     | 0     | 0               | 0     | 8     | 8      | 16    | 0     | 0     | 0     | 0         | 14    | 12    | 26     | 114   |       |       |  |       |
| 8:00 AM                 | 0               | 0     | 0     | 0      | 23    | 10    | 33    | 0     | 0         | 0     | 0     | 27     | 4     | 31    | 0     | 0     | 0               | 0     | 12    | 14     | 26    | 0     | 0     | 0     | 0         | 10    | 14    | 24     | 114   |       |       |  |       |
| 8:15 AM                 | 0               | 0     | 0     | 0      | 16    | 10    | 26    | 0     | 0         | 0     | 0     | 16     | 24    | 40    | 0     | 0     | 0               | 0     | 15    | 14     | 29    | 0     | 0     | 0     | 0         | 9     | 19    | 28     | 123   |       |       |  |       |
| <b>Total Volume</b>     | 0               | 0     | 0     | 0      | 82    | 49    | 131   | 0     | 0         | 0     | 0     | 78     | 44    | 122   | 0     | 0     | 0               | 0     | 39    | 47     | 86    | 0     | 0     | 0     | 0         | 42    | 58    | 100    | 439   |       |       |  |       |
| <b>% Approach Total</b> | 0.0             | 0.0   | 0.0   | 0.0    | 62.6  | 37.4  |       | 0.0   | 0.0       | 0.0   | 0.0   | 63.9   | 36.1  |       | 0.0   | 0.0   | 0.0             | 0.0   | 45.3  | 54.7   |       | 0.0   | 0.0   | 0.0   | 0.0       | 42.0  | 58.0  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000           | 0.000 | 0.000 | 0.000  | 0.759 | 0.817 | 0.780 | 0.000 | 0.000     | 0.000 | 0.000 | 0.722  | 0.458 | 0.763 | 0.000 | 0.000 | 0.000           | 0.000 | 0.650 | 0.839  | 0.741 | 0.000 | 0.000 | 0.000 | 0.000     | 0.750 | 0.763 | 0.893  | 0.892 |       |       |  |       |
| <b>Entering Leg</b>     | 0               | 0     | 0     | 0      | 82    | 49    | 131   | 0     | 0         | 0     | 0     | 78     | 44    | 122   | 0     | 0     | 0               | 0     | 39    | 47     | 86    | 0     | 0     | 0     | 0         | 42    | 58    | 100    | 439   |       |       |  |       |
| <b>Exiting Leg</b>      | 131             |       |       |        |       |       |       | 122   |           |       |       |        |       |       | 86    |       |                 |       |       |        |       | 100   |       |       |           |       |       |        | 439   |       |       |  |       |
| <b>Total</b>            | 262             |       |       |        |       |       |       | 244   |           |       |       |        |       |       | 172   |       |                 |       |       |        |       | 200   |       |       |           |       |       |        | 878   |       |       |  |       |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                         | Prospect Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Prospect Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North      |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South      |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right           | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right           | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 12:15 PM                | 0               | 0     | 0     | 0      | 4     | 12    | 16    | 0     | 0         | 0     | 0     | 17     | 12    | 29    | 0     | 0     | 0               | 0     | 5     | 9      | 14    | 0     | 0     | 0     | 0         | 9     | 5     | 14     | 73    |       |       |  |       |
| 12:30 PM                | 0               | 0     | 0     | 0      | 6     | 15    | 21    | 0     | 0         | 0     | 0     | 23     | 5     | 28    | 0     | 0     | 0               | 0     | 8     | 16     | 24    | 0     | 0     | 0     | 0         | 7     | 13    | 20     | 93    |       |       |  |       |
| 12:45 PM                | 0               | 0     | 0     | 0      | 3     | 7     | 10    | 0     | 0         | 0     | 0     | 14     | 9     | 23    | 0     | 0     | 0               | 0     | 7     | 8      | 15    | 0     | 0     | 0     | 0         | 4     | 9     | 13     | 61    |       |       |  |       |
| 1:00 PM                 | 0               | 0     | 0     | 0      | 5     | 1     | 6     | 0     | 0         | 0     | 0     | 11     | 8     | 19    | 0     | 0     | 0               | 0     | 12    | 12     | 24    | 0     | 0     | 0     | 0         | 7     | 5     | 12     | 61    |       |       |  |       |
| <b>Total Volume</b>     | 0               | 0     | 0     | 0      | 18    | 35    | 53    | 0     | 0         | 0     | 0     | 65     | 34    | 99    | 0     | 0     | 0               | 0     | 32    | 45     | 77    | 0     | 0     | 0     | 0         | 27    | 32    | 59     | 288   |       |       |  |       |
| <b>% Approach Total</b> | 0.0             | 0.0   | 0.0   | 0.0    | 34.0  | 66.0  |       | 0.0   | 0.0       | 0.0   | 0.0   | 65.7   | 34.3  |       | 0.0   | 0.0   | 0.0             | 0.0   | 41.6  | 58.4   |       | 0.0   | 0.0   | 0.0   | 0.0       | 45.8  | 54.2  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000           | 0.000 | 0.000 | 0.000  | 0.750 | 0.583 | 0.631 | 0.000 | 0.000     | 0.000 | 0.000 | 0.707  | 0.708 | 0.853 | 0.000 | 0.000 | 0.000           | 0.000 | 0.667 | 0.703  | 0.802 | 0.000 | 0.000 | 0.000 | 0.000     | 0.750 | 0.615 | 0.738  | 0.774 |       |       |  |       |
| <b>Entering Leg</b>     | 0               | 0     | 0     | 0      | 18    | 35    | 53    | 0     | 0         | 0     | 0     | 65     | 34    | 99    | 0     | 0     | 0               | 0     | 32    | 45     | 77    | 0     | 0     | 0     | 0         | 27    | 32    | 59     | 288   |       |       |  |       |
| <b>Exiting Leg</b>      | 53              |       |       |        |       |       |       | 99    |           |       |       |        |       |       | 77    |       |                 |       |       |        |       | 59    |       |       |           |       |       |        | 288   |       |       |  |       |
| <b>Total</b>            | 106             |       |       |        |       |       |       | 198   |           |       |       |        |       |       | 154   |       |                 |       |       |        |       | 118   |       |       |           |       |       |        | 576   |       |       |  |       |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                         | Prospect Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Prospect Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North      |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South      |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right           | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right           | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 5:15 PM                 | 0               | 0     | 0     | 0      | 18    | 25    | 43    | 0     | 0         | 0     | 0     | 20     | 37    | 57    | 0     | 0     | 0               | 0     | 18    | 19     | 37    | 0     | 0     | 0     | 0         | 16    | 15    | 31     | 168   |       |       |  |       |
| 5:30 PM                 | 0               | 0     | 0     | 0      | 20    | 26    | 46    | 0     | 0         | 0     | 0     | 21     | 32    | 53    | 0     | 0     | 0               | 0     | 17    | 10     | 27    | 0     | 0     | 0     | 0         | 28    | 16    | 44     | 170   |       |       |  |       |
| 5:45 PM                 | 0               | 0     | 0     | 0      | 10    | 27    | 37    | 0     | 0         | 0     | 0     | 24     | 34    | 58    | 0     | 0     | 0               | 0     | 18    | 14     | 32    | 0     | 0     | 0     | 0         | 15    | 14    | 29     | 156   |       |       |  |       |
| 6:00 PM                 | 0               | 0     | 0     | 0      | 8     | 11    | 19    | 0     | 0         | 0     | 0     | 19     | 33    | 52    | 0     | 0     | 0               | 0     | 15    | 18     | 33    | 0     | 0     | 0     | 0         | 24    | 15    | 39     | 143   |       |       |  |       |
| <b>Total Volume</b>     | 0               | 0     | 0     | 0      | 56    | 89    | 145   | 0     | 0         | 0     | 0     | 84     | 136   | 220   | 0     | 0     | 0               | 0     | 68    | 61     | 129   | 0     | 0     | 0     | 0         | 83    | 60    | 143    | 637   |       |       |  |       |
| <b>% Approach Total</b> | 0.0             | 0.0   | 0.0   | 0.0    | 38.6  | 61.4  |       | 0.0   | 0.0       | 0.0   | 0.0   | 38.2   | 61.8  |       | 0.0   | 0.0   | 0.0             | 0.0   | 52.7  | 47.3   |       | 0.0   | 0.0   | 0.0   | 0.0       | 58.0  | 42.0  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000           | 0.000 | 0.000 | 0.000  | 0.700 | 0.824 | 0.788 | 0.000 | 0.000     | 0.000 | 0.000 | 0.875  | 0.919 | 0.948 | 0.000 | 0.000 | 0.000           | 0.000 | 0.944 | 0.803  | 0.872 | 0.000 | 0.000 | 0.000 | 0.000     | 0.741 | 0.938 | 0.813  | 0.937 |       |       |  |       |
| <b>Entering Leg</b>     | 0               | 0     | 0     | 0      | 56    | 89    | 145   | 0     | 0         | 0     | 0     | 84     | 136   | 220   | 0     | 0     | 0               | 0     | 68    | 61     | 129   | 0     | 0     | 0     | 0         | 83    | 60    | 143    | 637   |       |       |  |       |
| <b>Exiting Leg</b>      | 145             |       |       |        |       |       |       | 220   |           |       |       |        |       |       | 129   |       |                 |       |       |        |       | 143   |       |       |           |       |       |        | 637   |       |       |  |       |
| <b>Total</b>            | 290             |       |       |        |       |       |       | 440   |           |       |       |        |       |       | 258   |       |                 |       |       |        |       | 286   |       |       |           |       |       |        | 1274  |       |       |  |       |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|          | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |
|          | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 5               | 31   | 5    | 0      | 41    | 8         | 37   | 7    | 0      | 52    | 4               | 13   | 6    | 0      | 23    | 13        | 81   | 4    | 0      | 98    | 214   |
| 7:15 AM  | 4               | 31   | 5    | 0      | 40    | 6         | 56   | 0    | 0      | 62    | 2               | 30   | 6    | 0      | 38    | 7         | 83   | 7    | 0      | 97    | 237   |
| 7:30 AM  | 11              | 40   | 3    | 0      | 54    | 11        | 61   | 3    | 0      | 75    | 5               | 28   | 4    | 0      | 37    | 12        | 100  | 6    | 0      | 118   | 284   |
| 7:45 AM  | 6               | 48   | 3    | 0      | 57    | 7         | 76   | 2    | 0      | 85    | 3               | 34   | 10   | 0      | 47    | 7         | 101  | 9    | 0      | 117   | 306   |
| Total    | 26              | 150  | 16   | 0      | 192   | 32        | 230  | 12   | 0      | 274   | 14              | 105  | 26   | 0      | 145   | 39        | 365  | 26   | 0      | 430   | 1041  |
| 8:00 AM  | 9               | 35   | 5    | 0      | 49    | 4         | 79   | 6    | 0      | 89    | 5               | 39   | 1    | 0      | 45    | 10        | 102  | 4    | 0      | 116   | 299   |
| 8:15 AM  | 12              | 35   | 6    | 0      | 53    | 8         | 76   | 0    | 0      | 84    | 3               | 36   | 8    | 0      | 47    | 13        | 89   | 13   | 0      | 115   | 299   |
| 8:30 AM  | 9               | 52   | 4    | 0      | 65    | 9         | 89   | 2    | 0      | 100   | 5               | 23   | 4    | 0      | 32    | 8         | 93   | 9    | 0      | 110   | 307   |
| 8:45 AM  | 4               | 56   | 8    | 0      | 68    | 5         | 54   | 5    | 0      | 64    | 3               | 28   | 1    | 0      | 32    | 5         | 117  | 5    | 0      | 127   | 291   |
| Total    | 34              | 178  | 23   | 0      | 235   | 26        | 298  | 13   | 0      | 337   | 16              | 126  | 14   | 0      | 156   | 36        | 401  | 31   | 0      | 468   | 1196  |
| 9:00 AM  | 7               | 51   | 9    | 0      | 67    | 5         | 52   | 4    | 0      | 61    | 4               | 26   | 3    | 0      | 33    | 7         | 109  | 7    | 0      | 123   | 284   |
| 9:15 AM  | 11              | 40   | 11   | 0      | 62    | 10        | 48   | 3    | 0      | 61    | 2               | 22   | 2    | 0      | 26    | 1         | 104  | 9    | 0      | 114   | 263   |
| 9:30 AM  | 13              | 43   | 10   | 0      | 66    | 2         | 60   | 3    | 0      | 65    | 0               | 24   | 1    | 0      | 25    | 10        | 94   | 8    | 0      | 112   | 268   |
| 9:45 AM  | 7               | 32   | 6    | 0      | 45    | 8         | 46   | 1    | 0      | 55    | 1               | 28   | 6    | 0      | 35    | 2         | 81   | 11   | 0      | 94    | 229   |
| Total    | 38              | 166  | 36   | 0      | 240   | 25        | 206  | 11   | 0      | 242   | 7               | 100  | 12   | 0      | 119   | 20        | 388  | 35   | 0      | 443   | 1044  |
| 10:00 AM | 4               | 33   | 1    | 0      | 38    | 6         | 50   | 5    | 0      | 61    | 2               | 21   | 4    | 0      | 27    | 2         | 72   | 7    | 0      | 81    | 207   |
| 10:15 AM | 3               | 32   | 3    | 0      | 38    | 6         | 46   | 2    | 0      | 54    | 4               | 23   | 5    | 0      | 32    | 3         | 68   | 6    | 0      | 77    | 201   |
| 10:30 AM | 9               | 30   | 3    | 1      | 43    | 1         | 42   | 0    | 0      | 43    | 1               | 28   | 2    | 0      | 31    | 6         | 63   | 3    | 0      | 72    | 189   |
| 10:45 AM | 6               | 24   | 6    | 0      | 36    | 4         | 35   | 4    | 0      | 43    | 0               | 20   | 4    | 0      | 24    | 1         | 73   | 7    | 0      | 81    | 184   |
| Total    | 22              | 119  | 13   | 1      | 155   | 17        | 173  | 11   | 0      | 201   | 7               | 92   | 15   | 0      | 114   | 12        | 276  | 23   | 0      | 311   | 781   |
| 11:00 AM | 7               | 13   | 4    | 0      | 24    | 5         | 45   | 0    | 0      | 50    | 0               | 22   | 2    | 0      | 24    | 4         | 58   | 10   | 0      | 72    | 170   |
| 11:15 AM | 8               | 23   | 2    | 0      | 33    | 6         | 59   | 4    | 0      | 69    | 1               | 20   | 5    | 0      | 26    | 5         | 59   | 5    | 0      | 69    | 197   |
| 11:30 AM | 8               | 21   | 4    | 0      | 33    | 8         | 57   | 0    | 0      | 65    | 3               | 22   | 3    | 0      | 28    | 4         | 44   | 17   | 0      | 65    | 191   |
| 11:45 AM | 10              | 28   | 5    | 0      | 43    | 7         | 59   | 2    | 0      | 68    | 2               | 22   | 4    | 0      | 28    | 4         | 41   | 9    | 0      | 54    | 193   |
| Total    | 33              | 85   | 15   | 0      | 133   | 26        | 220  | 6    | 0      | 252   | 6               | 86   | 14   | 0      | 106   | 17        | 202  | 41   | 0      | 260   | 751   |
| 12:00 PM | 8               | 16   | 0    | 0      | 24    | 7         | 60   | 4    | 0      | 71    | 3               | 28   | 3    | 0      | 34    | 7         | 53   | 12   | 0      | 72    | 201   |
| 12:15 PM | 12              | 16   | 6    | 0      | 34    | 7         | 66   | 2    | 0      | 75    | 1               | 18   | 4    | 0      | 23    | 8         | 42   | 7    | 1      | 58    | 190   |
| 12:30 PM | 7               | 23   | 1    | 0      | 31    | 7         | 52   | 1    | 0      | 60    | 4               | 22   | 1    | 0      | 27    | 2         | 44   | 12   | 0      | 58    | 176   |
| 12:45 PM | 5               | 21   | 5    | 0      | 31    | 2         | 49   | 2    | 0      | 53    | 1               | 20   | 3    | 0      | 24    | 7         | 46   | 11   | 0      | 64    | 172   |
| Total    | 32              | 76   | 12   | 0      | 120   | 23        | 227  | 9    | 0      | 259   | 9               | 88   | 11   | 0      | 108   | 24        | 185  | 42   | 1      | 252   | 739   |
| 1:00 PM  | 5               | 26   | 7    | 0      | 38    | 12        | 61   | 2    | 0      | 75    | 2               | 25   | 4    | 0      | 31    | 2         | 41   | 13   | 0      | 56    | 200   |
| 1:15 PM  | 7               | 13   | 1    | 0      | 21    | 7         | 50   | 2    | 0      | 59    | 2               | 31   | 3    | 0      | 36    | 10        | 50   | 14   | 0      | 74    | 190   |
| 1:30 PM  | 6               | 26   | 1    | 0      | 33    | 8         | 61   | 4    | 0      | 73    | 1               | 32   | 1    | 0      | 34    | 7         | 48   | 8    | 0      | 63    | 203   |
| 1:45 PM  | 10              | 16   | 4    | 0      | 30    | 10        | 70   | 1    | 0      | 81    | 2               | 29   | 4    | 0      | 35    | 6         | 55   | 12   | 0      | 73    | 219   |
| Total    | 28              | 81   | 13   | 0      | 122   | 37        | 242  | 9    | 0      | 288   | 7               | 117  | 12   | 0      | 136   | 25        | 194  | 47   | 0      | 266   | 812   |
| 2:00 PM  | 8               | 21   | 4    | 0      | 33    | 9         | 71   | 4    | 0      | 84    | 3               | 33   | 7    | 0      | 43    | 6         | 37   | 12   | 0      | 55    | 215   |
| 2:15 PM  | 10              | 21   | 1    | 0      | 32    | 6         | 95   | 1    | 0      | 102   | 3               | 30   | 4    | 0      | 37    | 7         | 41   | 12   | 0      | 60    | 231   |
| 2:30 PM  | 14              | 27   | 4    | 0      | 45    | 4         | 89   | 4    | 0      | 97    | 5               | 38   | 6    | 0      | 49    | 7         | 45   | 11   | 0      | 63    | 254   |
| 2:45 PM  | 9               | 28   | 0    | 0      | 37    | 7         | 94   | 0    | 0      | 101   | 3               | 50   | 6    | 0      | 59    | 7         | 46   | 11   | 0      | 64    | 261   |
| Total    | 41              | 97   | 9    | 0      | 147   | 26        | 349  | 9    | 0      | 384   | 14              | 151  | 23   | 0      | 188   | 27        | 169  | 46   | 0      | 242   | 961   |
| 3:00 PM  | 12              | 19   | 3    | 0      | 34    | 9         | 89   | 5    | 0      | 103   | 3               | 55   | 6    | 0      | 64    | 7         | 51   | 11   | 0      | 69    | 270   |
| 3:15 PM  | 6               | 18   | 5    | 0      | 29    | 4         | 105  | 2    | 0      | 111   | 0               | 65   | 6    | 0      | 71    | 6         | 75   | 14   | 0      | 95    | 306   |
| 3:30 PM  | 5               | 21   | 5    | 0      | 31    | 9         | 116  | 6    | 0      | 131   | 5               | 63   | 6    | 0      | 74    | 8         | 55   | 20   | 0      | 83    | 319   |
| 3:45 PM  | 5               | 24   | 2    | 0      | 31    | 13        | 113  | 2    | 0      | 128   | 5               | 42   | 10   | 0      | 57    | 12        | 61   | 14   | 0      | 87    | 303   |
| Total    | 28              | 82   | 15   | 0      | 125   | 35        | 423  | 15   | 0      | 473   | 13              | 225  | 28   | 0      | 266   | 33        | 242  | 59   | 0      | 334   | 1198  |
| 4:00 PM  | 4               | 32   | 4    | 0      | 40    | 6         | 122  | 8    | 0      | 136   | 4               | 54   | 2    | 0      | 60    | 9         | 44   | 8    | 0      | 61    | 297   |
| 4:15 PM  | 3               | 13   | 2    | 0      | 18    | 16        | 124  | 3    | 0      | 143   | 2               | 58   | 7    | 0      | 67    | 4         | 59   | 10   | 0      | 73    | 301   |
| 4:30 PM  | 3               | 26   | 1    | 0      | 30    | 9         | 146  | 13   | 0      | 168   | 5               | 58   | 4    | 0      | 67    | 5         | 54   | 9    | 0      | 68    | 333   |
| 4:45 PM  | 6               | 24   | 3    | 0      | 33    | 10        | 125  | 12   | 0      | 147   | 0               | 42   | 5    | 0      | 47    | 3         | 60   | 11   | 0      | 74    | 301   |
| Total    | 16              | 95   | 10   | 0      | 121   | 41        | 517  | 36   | 0      | 594   | 11              | 212  | 18   | 0      | 241   | 21        | 217  | 38   | 0      | 276   | 1232  |
| 5:00 PM  | 6               | 28   | 4    | 0      | 38    | 15        | 113  | 4    | 0      | 132   | 3               | 50   | 7    | 0      | 60    | 8         | 72   | 18   | 0      | 98    | 328   |
| 5:15 PM  | 9               | 33   | 4    | 0      | 46    | 8         | 124  | 7    | 0      | 139   | 1               | 47   | 6    | 0      | 54    | 11        | 70   | 15   | 0      | 96    | 335   |
| 5:30 PM  | 9               | 32   | 4    | 0      | 45    | 13        | 128  | 3    | 0      | 144   | 3               | 46   | 6    | 0      | 55    | 4         | 67   | 13   | 0      | 84    | 328   |
| 5:45 PM  | 4               | 32   | 7    | 0      | 43    | 10        | 103  | 4    | 0      | 117   | 2               | 49   | 4    | 0      | 55    | 6         | 79   | 8    | 0      | 93    | 308   |
| Total    | 28              | 125  | 19   | 0      | 172   | 46        | 468  | 18   | 0      | 532   | 9               | 192  | 23   | 0      | 224   | 29        | 288  | 54   | 0      | 371   | 1299  |
| 6:00 PM  | 6               | 27   | 3    | 0      | 36    | 13        | 106  | 5    | 0      | 124   | 4               | 53   | 8    | 0      | 65    | 2         | 79   | 18   | 0      | 99    | 324   |
| 6:15 PM  | 6               | 29   | 1    | 0      | 36    | 7         | 123  | 1    | 0      | 131   | 4               | 40   | 8    | 0      | 52    | 7         | 84   | 15   | 0      | 106   | 325   |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                   | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|-------------------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|                   | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |
|                   | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 6:30 PM           | 4               | 25   | 3    | 0      | 32    | 3         | 107  | 4    | 0      | 114   | 4               | 49   | 2    | 0      | 55    | 5         | 69   | 18   | 0      | 92    | 293   |
| 6:45 PM           | 8               | 29   | 4    | 0      | 41    | 4         | 108  | 2    | 0      | 114   | 3               | 28   | 2    | 0      | 33    | 4         | 55   | 16   | 0      | 75    | 263   |
| <b>Total</b>      | 24              | 110  | 11   | 0      | 145   | 27        | 444  | 12   | 0      | 483   | 15              | 170  | 20   | 0      | 205   | 18        | 287  | 67   | 0      | 372   | 1205  |
| Grand Total       | 350             | 1364 | 192  | 1      | 1907  | 361       | 3797 | 161  | 0      | 4319  | 128             | 1664 | 216  | 0      | 2008  | 301       | 3214 | 509  | 1      | 4025  | 12259 |
| Approach %        | 18.4            | 71.5 | 10.1 | 0.1    |       | 8.4       | 87.9 | 3.7  | 0.0    |       | 6.4             | 82.9 | 10.8 | 0.0    |       | 7.5       | 79.9 | 12.6 | 0.0    |       |       |
| Total %           | 2.9             | 11.1 | 1.6  | 0.0    | 15.6  | 2.9       | 31.0 | 1.3  | 0.0    | 35.2  | 1.0             | 13.6 | 1.8  | 0.0    | 16.4  | 2.5       | 26.2 | 4.2  | 0.0    | 32.8  |       |
| Exiting Leg Total | 2535            |      |      |        |       | 3534      |      |      |        |       | 1826            |      |      |        |       | 4364      |      |      |        |       | 12259 |
| Cars              | 337             | 1343 | 183  | 1      | 1864  | 349       | 3627 | 151  | 0      | 4127  | 120             | 1619 | 201  | 0      | 1940  | 291       | 3061 | 491  | 1      | 3844  | 11775 |
| % Cars            | 96.3            | 98.5 | 95.3 | 100.0  | 97.7  | 96.7      | 95.5 | 93.8 | 0.0    | 95.6  | 93.8            | 97.3 | 93.1 | 0.0    | 96.6  | 96.7      | 95.2 | 96.5 | 100.0  | 95.5  | 96.1  |
| Exiting Leg Total | 2460            |      |      |        |       | 3364      |      |      |        |       | 1785            |      |      |        |       | 4166      |      |      |        |       | 11775 |
| Heavy Vehicles    | 13              | 21   | 9    | 0      | 43    | 12        | 170  | 10   | 0      | 192   | 8               | 45   | 15   | 0      | 68    | 10        | 153  | 18   | 0      | 181   | 484   |
| % Heavy Vehicles  | 3.7             | 1.5  | 4.7  | 0.0    | 2.3   | 3.3       | 4.5  | 6.2  | 0.0    | 4.4   | 6.3             | 2.7  | 6.9  | 0.0    | 3.4   | 3.3       | 4.8  | 3.5  | 0.0    | 4.5   | 3.9   |
| Exiting Leg Total | 75              |      |      |        |       | 170       |      |      |        |       | 41              |      |      |        |       | 198       |      |      |        |       | 484   |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                    | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:45 AM            | 6               | 48    | 3     | 0      | 57    | 7         | 76    | 2     | 0      | 85    | 3               | 34    | 10    | 0      | 47    | 7         | 101   | 9     | 0      | 117   | 306   |
| 7:45 AM            | 9               | 35    | 5     | 0      | 49    | 4         | 79    | 6     | 0      | 89    | 5               | 39    | 1     | 0      | 45    | 10        | 102   | 4     | 0      | 116   | 299   |
| 8:00 AM            | 12              | 35    | 6     | 0      | 53    | 8         | 76    | 0     | 0      | 84    | 3               | 36    | 8     | 0      | 47    | 13        | 89    | 13    | 0      | 115   | 299   |
| 8:15 AM            | 9               | 52    | 4     | 0      | 65    | 9         | 89    | 2     | 0      | 100   | 5               | 23    | 4     | 0      | 32    | 8         | 93    | 9     | 0      | 110   | 307   |
| Total Volume       | 36              | 170   | 18    | 0      | 224   | 28        | 320   | 10    | 0      | 358   | 16              | 132   | 23    | 0      | 171   | 38        | 385   | 35    | 0      | 458   | 1211  |
| % Approach Total   | 16.1            | 75.9  | 8.0   | 0.0    |       | 7.8       | 89.4  | 2.8   | 0.0    |       | 9.4             | 77.2  | 13.5  | 0.0    |       | 8.3       | 84.1  | 7.6   | 0.0    |       |       |
| PHF                | 0.750           | 0.817 | 0.750 | 0.000  | 0.862 | 0.778     | 0.899 | 0.417 | 0.000  | 0.895 | 0.800           | 0.846 | 0.575 | 0.000  | 0.910 | 0.731     | 0.944 | 0.673 | 0.000  | 0.979 | 0.986 |
| Cars               | 36              | 170   | 17    | 0      | 223   | 27        | 304   | 10    | 0      | 341   | 16              | 130   | 23    | 0      | 169   | 37        | 368   | 33    | 0      | 438   | 1171  |
| Cars %             | 100.0           | 100.0 | 94.4  | 0.0    | 99.6  | 96.4      | 95.0  | 100.0 | 0.0    | 95.3  | 100.0           | 98.5  | 100.0 | 0.0    | 98.8  | 97.4      | 95.6  | 94.3  | 0.0    | 95.6  | 96.7  |
| Heavy Vehicles     | 0               | 0     | 1     | 0      | 1     | 1         | 16    | 0     | 0      | 17    | 0               | 2     | 0     | 0      | 2     | 1         | 17    | 2     | 0      | 20    | 40    |
| Heavy Vehicles %   | 0.0             | 0.0   | 5.6   | 0.0    | 0.4   | 3.6       | 5.0   | 0.0   | 0.0    | 4.7   | 0.0             | 1.5   | 0.0   | 0.0    | 1.2   | 2.6       | 4.4   | 5.7   | 0.0    | 4.4   | 3.3   |
| Cars Enter Leg     | 36              | 170   | 17    | 0      | 223   | 27        | 304   | 10    | 0      | 341   | 16              | 130   | 23    | 0      | 169   | 37        | 368   | 33    | 0      | 438   | 1171  |
| Heavy Enter Leg    | 0               | 0     | 1     | 0      | 1     | 1         | 16    | 0     | 0      | 17    | 0               | 2     | 0     | 0      | 2     | 1         | 17    | 2     | 0      | 20    | 40    |
| Total Entering Leg | 36              | 170   | 18    | 0      | 224   | 28        | 320   | 10    | 0      | 358   | 16              | 132   | 23    | 0      | 171   | 38        | 385   | 35    | 0      | 458   | 1211  |
| Cars Exiting Leg   | 190             |       |       |        |       | 401       |       |       |        |       | 217             |       |       |        |       | 363       |       |       |        |       | 1171  |
| Heavy Exiting Leg  | 5               |       |       |        |       | 18        |       |       |        |       | 1               |       |       |        |       | 16        |       |       |        |       | 40    |
| Total Exiting Leg  | 195             |       |       |        |       | 419       |       |       |        |       | 218             |       |       |        |       | 379       |       |       |        |       | 1211  |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                    | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 1:45 PM            | 10              | 16    | 4     | 0      | 30    | 10        | 70    | 1     | 0      | 81    | 2               | 29    | 4     | 0      | 35    | 6         | 55    | 12    | 0      | 73    | 219   |
| 2:00 PM            | 8               | 21    | 4     | 0      | 33    | 9         | 71    | 4     | 0      | 84    | 3               | 33    | 7     | 0      | 43    | 6         | 37    | 12    | 0      | 55    | 215   |
| 2:15 PM            | 10              | 21    | 1     | 0      | 32    | 6         | 95    | 1     | 0      | 102   | 3               | 30    | 4     | 0      | 37    | 7         | 41    | 12    | 0      | 60    | 231   |
| 2:30 PM            | 14              | 27    | 4     | 0      | 45    | 4         | 89    | 4     | 0      | 97    | 5               | 38    | 6     | 0      | 49    | 7         | 45    | 11    | 0      | 63    | 254   |
| Total Volume       | 42              | 85    | 13    | 0      | 140   | 29        | 325   | 10    | 0      | 364   | 13              | 130   | 21    | 0      | 164   | 26        | 178   | 47    | 0      | 251   | 919   |
| % Approach Total   | 30.0            | 60.7  | 9.3   | 0.0    |       | 8.0       | 89.3  | 2.7   | 0.0    |       | 7.9             | 79.3  | 12.8  | 0.0    |       | 10.4      | 70.9  | 18.7  | 0.0    |       |       |
| PHF                | 0.750           | 0.787 | 0.813 | 0.000  | 0.778 | 0.725     | 0.855 | 0.625 | 0.000  | 0.892 | 0.650           | 0.855 | 0.750 | 0.000  | 0.837 | 0.929     | 0.809 | 0.979 | 0.000  | 0.860 | 0.905 |
| Cars               | 41              | 81    | 12    | 0      | 134   | 27        | 312   | 8     | 0      | 347   | 13              | 123   | 20    | 0      | 156   | 25        | 167   | 46    | 0      | 238   | 875   |
| Cars %             | 97.6            | 95.3  | 92.3  | 0.0    | 95.7  | 93.1      | 96.0  | 80.0  | 0.0    | 95.3  | 100.0           | 94.6  | 95.2  | 0.0    | 95.1  | 96.2      | 93.8  | 97.9  | 0.0    | 94.8  | 95.2  |
| Heavy Vehicles     | 1               | 4     | 1     | 0      | 6     | 2         | 13    | 2     | 0      | 17    | 0               | 7     | 1     | 0      | 8     | 1         | 11    | 1     | 0      | 13    | 44    |
| Heavy Vehicles %   | 2.4             | 4.7   | 7.7   | 0.0    | 4.3   | 6.9       | 4.0   | 20.0  | 0.0    | 4.7   | 0.0             | 5.4   | 4.8   | 0.0    | 4.9   | 3.8       | 6.2   | 2.1   | 0.0    | 5.2   | 4.8   |
| Cars Enter Leg     | 41              | 81    | 12    | 0      | 134   | 27        | 312   | 8     | 0      | 347   | 13              | 123   | 20    | 0      | 156   | 25        | 167   | 46    | 0      | 238   | 875   |
| Heavy Enter Leg    | 1               | 4     | 1     | 0      | 6     | 2         | 13    | 2     | 0      | 17    | 0               | 7     | 1     | 0      | 8     | 1         | 11    | 1     | 0      | 13    | 44    |
| Total Entering Leg | 42              | 85    | 13    | 0      | 140   | 29        | 325   | 10    | 0      | 364   | 13              | 130   | 21    | 0      | 164   | 26        | 178   | 47    | 0      | 251   | 919   |
| Cars Exiting Leg   | 196             |       |       |        |       | 192       |       |       |        |       | 114             |       |       |        |       | 373       |       |       |        |       | 875   |
| Heavy Exiting Leg  | 10              |       |       |        |       | 12        |       |       |        |       | 7               |       |       |        |       | 15        |       |       |        |       | 44    |
| Total Exiting Leg  | 206             |       |       |        |       | 204       |       |       |        |       | 121             |       |       |        |       | 388       |       |       |        |       | 919   |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:



PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                    | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 5:00 PM            | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       |       |
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Total |
| 5:00 PM            | 6               | 28    | 4     | 0      | 38    | 15        | 113   | 4     | 0      | 132   | 3               | 50    | 7     | 0      | 60    | 8         | 72    | 18    | 0      | 98    | 328   |
| 5:15 PM            | 9               | 33    | 4     | 0      | 46    | 8         | 124   | 7     | 0      | 139   | 1               | 47    | 6     | 0      | 54    | 11        | 70    | 15    | 0      | 96    | 335   |
| 5:30 PM            | 9               | 32    | 4     | 0      | 45    | 13        | 128   | 3     | 0      | 144   | 3               | 46    | 6     | 0      | 55    | 4         | 67    | 13    | 0      | 84    | 328   |
| 5:45 PM            | 4               | 32    | 7     | 0      | 43    | 10        | 103   | 4     | 0      | 117   | 2               | 49    | 4     | 0      | 55    | 6         | 79    | 8     | 0      | 93    | 308   |
| Total Volume       | 28              | 125   | 19    | 0      | 172   | 46        | 468   | 18    | 0      | 532   | 9               | 192   | 23    | 0      | 224   | 29        | 288   | 54    | 0      | 371   | 1299  |
| % Approach Total   | 16.3            | 72.7  | 11.0  | 0.0    |       | 8.6       | 88.0  | 3.4   | 0.0    |       | 4.0             | 85.7  | 10.3  | 0.0    |       | 7.8       | 77.6  | 14.6  | 0.0    |       |       |
| PHF                | 0.778           | 0.947 | 0.679 | 0.000  | 0.935 | 0.767     | 0.914 | 0.643 | 0.000  | 0.924 | 0.750           | 0.960 | 0.821 | 0.000  | 0.933 | 0.659     | 0.911 | 0.750 | 0.000  | 0.946 | 0.969 |
| Cars               | 28              | 123   | 18    | 0      | 169   | 45        | 461   | 18    | 0      | 524   | 9               | 190   | 23    | 0      | 222   | 28        | 281   | 53    | 0      | 362   | 1277  |
| Cars %             | 100.0           | 98.4  | 94.7  | 0.0    | 98.3  | 97.8      | 98.5  | 100.0 | 0.0    | 98.5  | 100.0           | 99.0  | 100.0 | 0.0    | 99.1  | 96.6      | 97.6  | 98.1  | 0.0    | 97.6  | 98.3  |
| Heavy Vehicles     | 0               | 2     | 1     | 0      | 3     | 1         | 7     | 0     | 0      | 8     | 0               | 2     | 0     | 0      | 2     | 1         | 7     | 1     | 0      | 9     | 22    |
| Heavy Vehicles %   | 0.0             | 1.6   | 5.3   | 0.0    | 1.7   | 2.2       | 1.5   | 0.0   | 0.0    | 1.5   | 0.0             | 1.0   | 0.0   | 0.0    | 0.9   | 3.4       | 2.4   | 1.9   | 0.0    | 2.4   | 1.7   |
| Cars Enter Leg     | 28              | 123   | 18    | 0      | 169   | 45        | 461   | 18    | 0      | 524   | 9               | 190   | 23    | 0      | 222   | 28        | 281   | 53    | 0      | 362   | 1277  |
| Heavy Enter Leg    | 0               | 2     | 1     | 0      | 3     | 1         | 7     | 0     | 0      | 8     | 0               | 2     | 0     | 2      | 2     | 1         | 7     | 1     | 0      | 9     | 22    |
| Total Entering Leg | 28              | 125   | 19    | 0      | 172   | 46        | 468   | 18    | 0      | 532   | 9               | 192   | 23    | 0      | 224   | 29        | 288   | 54    | 0      | 371   | 1299  |
| Cars Exiting Leg   |                 |       |       |        | 288   |           |       |       |        | 308   |                 |       |       |        | 169   |           |       |       |        | 512   | 1277  |
| Heavy Exiting Leg  |                 |       |       |        | 4     |           |       |       |        | 8     |                 |       |       |        | 3     |           |       |       |        | 7     | 22    |
| Total Exiting Leg  |                 |       |       |        | 292   |           |       |       |        | 316   |                 |       |       |        | 172   |           |       |       |        | 519   | 1299  |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars**

|          | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |
|          | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 4               | 29   | 4    | 0      | 37    | 8         | 34   | 7    | 0      | 49    | 4               | 12   | 6    | 0      | 22    | 12        | 77   | 4    | 0      | 93    | 201   |
| 7:15 AM  | 4               | 31   | 5    | 0      | 40    | 6         | 50   | 0    | 0      | 56    | 2               | 29   | 6    | 0      | 37    | 7         | 78   | 7    | 0      | 92    | 225   |
| 7:30 AM  | 11              | 39   | 2    | 0      | 52    | 11        | 56   | 2    | 0      | 69    | 5               | 26   | 3    | 0      | 34    | 12        | 93   | 5    | 0      | 110   | 265   |
| 7:45 AM  | 6               | 48   | 2    | 0      | 56    | 6         | 71   | 2    | 0      | 79    | 3               | 34   | 10   | 0      | 47    | 7         | 95   | 9    | 0      | 111   | 293   |
| Total    | 25              | 147  | 13   | 0      | 185   | 31        | 211  | 11   | 0      | 253   | 14              | 101  | 25   | 0      | 140   | 38        | 343  | 25   | 0      | 406   | 984   |
| 8:00 AM  | 9               | 35   | 5    | 0      | 49    | 4         | 77   | 6    | 0      | 87    | 5               | 38   | 1    | 0      | 44    | 10        | 97   | 4    | 0      | 111   | 291   |
| 8:15 AM  | 12              | 35   | 6    | 0      | 53    | 8         | 70   | 0    | 0      | 78    | 3               | 35   | 8    | 0      | 46    | 12        | 87   | 11   | 0      | 110   | 287   |
| 8:30 AM  | 9               | 52   | 4    | 0      | 65    | 9         | 86   | 2    | 0      | 97    | 5               | 23   | 4    | 0      | 32    | 8         | 89   | 9    | 0      | 106   | 300   |
| 8:45 AM  | 4               | 56   | 7    | 0      | 67    | 5         | 52   | 4    | 0      | 61    | 3               | 25   | 1    | 0      | 29    | 5         | 114  | 5    | 0      | 124   | 281   |
| Total    | 34              | 178  | 22   | 0      | 234   | 26        | 285  | 12   | 0      | 323   | 16              | 121  | 14   | 0      | 151   | 35        | 387  | 29   | 0      | 451   | 1159  |
| 9:00 AM  | 7               | 49   | 9    | 0      | 65    | 5         | 50   | 3    | 0      | 58    | 4               | 25   | 3    | 0      | 32    | 7         | 104  | 7    | 0      | 118   | 273   |
| 9:15 AM  | 10              | 40   | 11   | 0      | 61    | 10        | 47   | 3    | 0      | 60    | 1               | 19   | 2    | 0      | 22    | 1         | 98   | 8    | 0      | 107   | 250   |
| 9:30 AM  | 12              | 42   | 10   | 0      | 64    | 2         | 55   | 3    | 0      | 60    | 0               | 24   | 1    | 0      | 25    | 10        | 92   | 7    | 0      | 109   | 258   |
| 9:45 AM  | 6               | 32   | 6    | 0      | 44    | 7         | 41   | 1    | 0      | 49    | 0               | 25   | 5    | 0      | 30    | 2         | 79   | 11   | 0      | 92    | 215   |
| Total    | 35              | 163  | 36   | 0      | 234   | 24        | 193  | 10   | 0      | 227   | 5               | 93   | 11   | 0      | 109   | 20        | 373  | 33   | 0      | 426   | 996   |
| 10:00 AM | 4               | 31   | 1    | 0      | 36    | 6         | 45   | 5    | 0      | 56    | 2               | 21   | 3    | 0      | 26    | 2         | 69   | 7    | 0      | 78    | 196   |
| 10:15 AM | 3               | 31   | 3    | 0      | 37    | 5         | 39   | 2    | 0      | 46    | 4               | 22   | 3    | 0      | 29    | 3         | 62   | 5    | 0      | 70    | 182   |
| 10:30 AM | 8               | 30   | 3    | 1      | 42    | 1         | 38   | 0    | 0      | 39    | 1               | 28   | 2    | 0      | 31    | 6         | 62   | 3    | 0      | 71    | 183   |
| 10:45 AM | 6               | 24   | 6    | 0      | 36    | 4         | 34   | 3    | 0      | 41    | 0               | 19   | 2    | 0      | 21    | 1         | 70   | 7    | 0      | 78    | 176   |
| Total    | 21              | 116  | 13   | 1      | 151   | 16        | 156  | 10   | 0      | 182   | 7               | 90   | 10   | 0      | 107   | 12        | 263  | 22   | 0      | 297   | 737   |
| 11:00 AM | 7               | 13   | 4    | 0      | 24    | 5         | 40   | 0    | 0      | 45    | 0               | 22   | 1    | 0      | 23    | 4         | 55   | 7    | 0      | 66    | 158   |
| 11:15 AM | 7               | 23   | 2    | 0      | 32    | 6         | 55   | 4    | 0      | 65    | 1               | 20   | 5    | 0      | 26    | 5         | 52   | 5    | 0      | 62    | 185   |
| 11:30 AM | 6               | 20   | 4    | 0      | 30    | 8         | 52   | 0    | 0      | 60    | 3               | 21   | 2    | 0      | 26    | 4         | 39   | 16   | 0      | 59    | 175   |
| 11:45 AM | 9               | 27   | 5    | 0      | 41    | 7         | 51   | 2    | 0      | 60    | 2               | 22   | 4    | 0      | 28    | 4         | 36   | 9    | 0      | 49    | 178   |
| Total    | 29              | 83   | 15   | 0      | 127   | 26        | 198  | 6    | 0      | 230   | 6               | 85   | 12   | 0      | 103   | 17        | 182  | 37   | 0      | 236   | 696   |
| 12:00 PM | 8               | 15   | 0    | 0      | 23    | 7         | 58   | 4    | 0      | 69    | 3               | 27   | 2    | 0      | 32    | 6         | 49   | 11   | 0      | 66    | 190   |
| 12:15 PM | 10              | 15   | 6    | 0      | 31    | 7         | 60   | 2    | 0      | 69    | 1               | 18   | 4    | 0      | 23    | 8         | 38   | 7    | 1      | 54    | 177   |
| 12:30 PM | 6               | 23   | 1    | 0      | 30    | 7         | 48   | 1    | 0      | 56    | 3               | 22   | 1    | 0      | 26    | 2         | 42   | 11   | 0      | 55    | 167   |
| 12:45 PM | 5               | 20   | 5    | 0      | 30    | 2         | 45   | 1    | 0      | 48    | 0               | 18   | 2    | 0      | 20    | 7         | 41   | 11   | 0      | 59    | 157   |
| Total    | 29              | 73   | 12   | 0      | 114   | 23        | 211  | 8    | 0      | 242   | 7               | 85   | 9    | 0      | 101   | 23        | 170  | 40   | 1      | 234   | 691   |
| 1:00 PM  | 5               | 26   | 7    | 0      | 38    | 11        | 59   | 2    | 0      | 72    | 2               | 25   | 3    | 0      | 30    | 2         | 37   | 12   | 0      | 51    | 191   |
| 1:15 PM  | 7               | 13   | 1    | 0      | 21    | 7         | 47   | 2    | 0      | 56    | 2               | 30   | 3    | 0      | 35    | 9         | 49   | 12   | 0      | 70    | 182   |
| 1:30 PM  | 6               | 26   | 0    | 0      | 32    | 7         | 57   | 4    | 0      | 68    | 1               | 32   | 1    | 0      | 34    | 5         | 44   | 8    | 0      | 57    | 191   |
| 1:45 PM  | 9               | 15   | 4    | 0      | 28    | 9         | 66   | 1    | 0      | 76    | 2               | 26   | 4    | 0      | 32    | 6         | 53   | 12   | 0      | 71    | 207   |
| Total    | 27              | 80   | 12   | 0      | 119   | 34        | 229  | 9    | 0      | 272   | 7               | 113  | 11   | 0      | 131   | 22        | 183  | 44   | 0      | 249   | 771   |
| 2:00 PM  | 8               | 18   | 4    | 0      | 30    | 8         | 68   | 3    | 0      | 79    | 3               | 31   | 6    | 0      | 40    | 6         | 32   | 11   | 0      | 49    | 198   |
| 2:15 PM  | 10              | 21   | 1    | 0      | 32    | 6         | 91   | 1    | 0      | 98    | 3               | 30   | 4    | 0      | 37    | 7         | 39   | 12   | 0      | 58    | 225   |
| 2:30 PM  | 14              | 27   | 3    | 0      | 44    | 4         | 87   | 3    | 0      | 94    | 5               | 36   | 6    | 0      | 47    | 6         | 43   | 11   | 0      | 60    | 245   |
| 2:45 PM  | 9               | 28   | 0    | 0      | 37    | 7         | 93   | 0    | 0      | 100   | 3               | 50   | 6    | 0      | 59    | 7         | 44   | 11   | 0      | 62    | 258   |
| Total    | 41              | 94   | 8    | 0      | 143   | 25        | 339  | 7    | 0      | 371   | 14              | 147  | 22   | 0      | 183   | 26        | 158  | 45   | 0      | 229   | 926   |
| 3:00 PM  | 12              | 19   | 3    | 0      | 34    | 8         | 85   | 5    | 0      | 98    | 3               | 55   | 6    | 0      | 64    | 7         | 47   | 11   | 0      | 65    | 261   |
| 3:15 PM  | 6               | 18   | 3    | 0      | 27    | 4         | 99   | 2    | 0      | 105   | 0               | 62   | 6    | 0      | 68    | 4         | 74   | 14   | 0      | 92    | 292   |
| 3:30 PM  | 5               | 21   | 5    | 0      | 31    | 8         | 110  | 6    | 0      | 124   | 5               | 61   | 6    | 0      | 72    | 8         | 52   | 20   | 0      | 80    | 307   |
| 3:45 PM  | 5               | 23   | 2    | 0      | 30    | 12        | 108  | 1    | 0      | 121   | 4               | 41   | 10   | 0      | 55    | 12        | 58   | 13   | 0      | 83    | 289   |
| Total    | 28              | 81   | 13   | 0      | 122   | 32        | 402  | 14   | 0      | 448   | 12              | 219  | 28   | 0      | 259   | 31        | 231  | 58   | 0      | 320   | 1149  |
| 4:00 PM  | 4               | 32   | 4    | 0      | 40    | 6         | 118  | 7    | 0      | 131   | 2               | 53   | 2    | 0      | 57    | 9         | 44   | 8    | 0      | 61    | 289   |
| 4:15 PM  | 3               | 13   | 2    | 0      | 18    | 16        | 121  | 3    | 0      | 140   | 2               | 57   | 6    | 0      | 65    | 4         | 53   | 10   | 0      | 67    | 290   |
| 4:30 PM  | 3               | 26   | 1    | 0      | 30    | 9         | 144  | 12   | 0      | 165   | 5               | 58   | 3    | 0      | 66    | 5         | 52   | 9    | 0      | 66    | 327   |
| 4:45 PM  | 6               | 24   | 3    | 0      | 33    | 10        | 122  | 12   | 0      | 144   | 0               | 40   | 5    | 0      | 45    | 3         | 59   | 11   | 0      | 73    | 295   |
| Total    | 16              | 95   | 10   | 0      | 121   | 41        | 505  | 34   | 0      | 580   | 9               | 208  | 16   | 0      | 233   | 21        | 208  | 38   | 0      | 267   | 1201  |
| 5:00 PM  | 6               | 27   | 4    | 0      | 37    | 14        | 111  | 4    | 0      | 129   | 3               | 49   | 7    | 0      | 59    | 8         | 69   | 18   | 0      | 95    | 320   |
| 5:15 PM  | 9               | 33   | 4    | 0      | 46    | 8         | 123  | 7    | 0      | 138   | 1               | 47   | 6    | 0      | 54    | 11        | 68   | 15   | 0      | 94    | 332   |
| 5:30 PM  | 9               | 31   | 4    | 0      | 44    | 13        | 125  | 3    | 0      | 141   | 3               | 45   | 6    | 0      | 54    | 3         | 65   | 12   | 0      | 80    | 319   |
| 5:45 PM  | 4               | 32   | 6    | 0      | 42    | 10        | 102  | 4    | 0      | 116   | 2               | 49   | 4    | 0      | 55    | 6         | 79   | 8    | 0      | 93    | 306   |
| Total    | 28              | 123  | 18   | 0      | 169   | 45        | 461  | 18   | 0      | 524   | 9               | 190  | 23   | 0      | 222   | 28        | 281  | 53   | 0      | 362   | 1277  |
| 6:00 PM  | 6               | 27   | 3    | 0      | 36    | 12        | 104  | 5    | 0      | 121   | 4               | 52   | 8    | 0      | 64    | 2         | 76   | 18   | 0      | 96    | 317   |
| 6:15 PM  | 6               | 29   | 1    | 0      | 36    | 7         | 121  | 1    | 0      | 129   | 4               | 38   | 8    | 0      | 50    | 7         | 83   | 15   | 0      | 105   | 320   |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars**

|                    | Columbia Street |             |            |          |             | Broadway   |             |            |          |             | Columbia Street |             |            |          |             | Broadway   |             |            |          |             | Total        |
|--------------------|-----------------|-------------|------------|----------|-------------|------------|-------------|------------|----------|-------------|-----------------|-------------|------------|----------|-------------|------------|-------------|------------|----------|-------------|--------------|
|                    | from North      |             |            |          |             | from East  |             |            |          |             | from South      |             |            |          |             | from West  |             |            |          |             |              |
|                    | Right           | Thru        | Left       | U-Turn   | Total       | Right      | Thru        | Left       | U-Turn   | Total       | Right           | Thru        | Left       | U-Turn   | Total       | Right      | Thru        | Left       | U-Turn   | Total       |              |
| 6:30 PM            | 4               | 25          | 3          | 0        | 32          | 3          | 105         | 4          | 0        | 112         | 4               | 49          | 2          | 0        | 55          | 5          | 68          | 18         | 0        | 91          | 290          |
| 6:45 PM            | 8               | 29          | 4          | 0        | 41          | 4          | 107         | 2          | 0        | 113         | 2               | 28          | 2          | 0        | 32          | 4          | 55          | 16         | 0        | 75          | 261          |
| <b>Total</b>       | <b>24</b>       | <b>110</b>  | <b>11</b>  | <b>0</b> | <b>145</b>  | <b>26</b>  | <b>437</b>  | <b>12</b>  | <b>0</b> | <b>475</b>  | <b>14</b>       | <b>167</b>  | <b>20</b>  | <b>0</b> | <b>201</b>  | <b>18</b>  | <b>282</b>  | <b>67</b>  | <b>0</b> | <b>367</b>  | <b>1188</b>  |
| <b>Grand Total</b> | <b>337</b>      | <b>1343</b> | <b>183</b> | <b>1</b> | <b>1864</b> | <b>349</b> | <b>3627</b> | <b>151</b> | <b>0</b> | <b>4127</b> | <b>120</b>      | <b>1619</b> | <b>201</b> | <b>0</b> | <b>1940</b> | <b>291</b> | <b>3061</b> | <b>491</b> | <b>1</b> | <b>3844</b> | <b>11775</b> |
| Approach %         | 18.1            | 72.0        | 9.8        | 0.1      |             | 8.5        | 87.9        | 3.7        | 0.0      |             | 6.2             | 83.5        | 10.4       | 0.0      |             | 7.6        | 79.6        | 12.8       | 0.0      |             |              |
| Total %            | 2.9             | 11.4        | 1.6        | 0.0      | 15.8        | 3.0        | 30.8        | 1.3        | 0.0      | 35.0        | 1.0             | 13.7        | 1.7        | 0.0      | 16.5        | 2.5        | 26.0        | 4.2        | 0.0      | 32.6        |              |
| Exiting Leg Total  | 2460            |             |            |          |             | 3364       |             |            |          |             | 1785            |             |            |          |             | 4166       |             |            |          |             | 11775        |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:45 AM          | 6               | 48    | 2     | 0      | 56    | 6         | 71    | 2     | 0      | 79    | 3               | 34    | 10    | 0      | 47    | 7         | 95    | 9     | 0      | 111   | 293   |
| 8:00 AM          | 9               | 35    | 5     | 0      | 49    | 4         | 77    | 6     | 0      | 87    | 5               | 38    | 1     | 0      | 44    | 10        | 97    | 4     | 0      | 111   | 291   |
| 8:15 AM          | 12              | 35    | 6     | 0      | 53    | 8         | 70    | 0     | 0      | 78    | 3               | 35    | 8     | 0      | 46    | 12        | 87    | 11    | 0      | 110   | 287   |
| 8:30 AM          | 9               | 52    | 4     | 0      | 65    | 9         | 86    | 2     | 0      | 97    | 5               | 23    | 4     | 0      | 32    | 8         | 89    | 9     | 0      | 106   | 300   |
| Total Volume     | 36              | 170   | 17    | 0      | 223   | 27        | 304   | 10    | 0      | 341   | 16              | 130   | 23    | 0      | 169   | 37        | 368   | 33    | 0      | 438   | 1171  |
| % Approach Total | 16.1            | 76.2  | 7.6   | 0.0    |       | 7.9       | 89.1  | 2.9   | 0.0    |       | 9.5             | 76.9  | 13.6  | 0.0    |       | 8.4       | 84.0  | 7.5   | 0.0    |       |       |
| PHF              | 0.750           | 0.817 | 0.708 | 0.000  | 0.858 | 0.750     | 0.884 | 0.417 | 0.000  | 0.879 | 0.800           | 0.855 | 0.575 | 0.000  | 0.899 | 0.771     | 0.948 | 0.750 | 0.000  | 0.986 | 0.976 |
| Entering Leg     | 36              | 170   | 17    | 0      | 223   | 27        | 304   | 10    | 0      | 341   | 16              | 130   | 23    | 0      | 169   | 37        | 368   | 33    | 0      | 438   | 1171  |
| Exiting Leg      | 190             |       |       |        |       | 401       |       |       |        |       | 217             |       |       |        |       | 363       |       |       |        |       | 1171  |
| Total            | 413             |       |       |        |       | 742       |       |       |        |       | 386             |       |       |        |       | 801       |       |       |        |       | 2342  |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 1:45 PM          | 9               | 15    | 4     | 0      | 28    | 9         | 66    | 1     | 0      | 76    | 2               | 26    | 4     | 0      | 32    | 6         | 53    | 12    | 0      | 71    | 207   |
| 2:00 PM          | 8               | 18    | 4     | 0      | 30    | 8         | 68    | 3     | 0      | 79    | 3               | 31    | 6     | 0      | 40    | 6         | 32    | 11    | 0      | 49    | 198   |
| 2:15 PM          | 10              | 21    | 1     | 0      | 32    | 6         | 91    | 1     | 0      | 98    | 3               | 30    | 4     | 0      | 37    | 7         | 39    | 12    | 0      | 58    | 225   |
| 2:30 PM          | 14              | 27    | 3     | 0      | 44    | 4         | 87    | 3     | 0      | 94    | 5               | 36    | 6     | 0      | 47    | 6         | 43    | 11    | 0      | 60    | 245   |
| Total Volume     | 41              | 81    | 12    | 0      | 134   | 27        | 312   | 8     | 0      | 347   | 13              | 123   | 20    | 0      | 156   | 25        | 167   | 46    | 0      | 238   | 875   |
| % Approach Total | 30.6            | 60.4  | 9.0   | 0.0    |       | 7.8       | 89.9  | 2.3   | 0.0    |       | 8.3             | 78.8  | 12.8  | 0.0    |       | 10.5      | 70.2  | 19.3  | 0.0    |       |       |
| PHF              | 0.732           | 0.750 | 0.750 | 0.000  | 0.761 | 0.750     | 0.857 | 0.667 | 0.000  | 0.885 | 0.650           | 0.854 | 0.833 | 0.000  | 0.830 | 0.893     | 0.788 | 0.958 | 0.000  | 0.838 | 0.893 |
| Entering Leg     | 41              | 81    | 12    | 0      | 134   | 27        | 312   | 8     | 0      | 347   | 13              | 123   | 20    | 0      | 156   | 25        | 167   | 46    | 0      | 238   | 875   |
| Exiting Leg      | 196             |       |       |        |       | 192       |       |       |        |       | 114             |       |       |        |       | 373       |       |       |        |       | 875   |
| Total            | 330             |       |       |        |       | 539       |       |       |        |       | 270             |       |       |        |       | 611       |       |       |        |       | 1750  |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 5:00 PM          | 6               | 27    | 4     | 0      | 37    | 14        | 111   | 4     | 0      | 129   | 3               | 49    | 7     | 0      | 59    | 8         | 69    | 18    | 0      | 95    | 320   |
| 5:15 PM          | 9               | 33    | 4     | 0      | 46    | 8         | 123   | 7     | 0      | 138   | 1               | 47    | 6     | 0      | 54    | 11        | 68    | 15    | 0      | 94    | 332   |
| 5:30 PM          | 9               | 31    | 4     | 0      | 44    | 13        | 125   | 3     | 0      | 141   | 3               | 45    | 6     | 0      | 54    | 3         | 65    | 12    | 0      | 80    | 319   |
| 5:45 PM          | 4               | 32    | 6     | 0      | 42    | 10        | 102   | 4     | 0      | 116   | 2               | 49    | 4     | 0      | 55    | 6         | 79    | 8     | 0      | 93    | 306   |
| Total Volume     | 28              | 123   | 18    | 0      | 169   | 45        | 461   | 18    | 0      | 524   | 9               | 190   | 23    | 0      | 222   | 28        | 281   | 53    | 0      | 362   | 1277  |
| % Approach Total | 16.6            | 72.8  | 10.7  | 0.0    |       | 8.6       | 88.0  | 3.4   | 0.0    |       | 4.1             | 85.6  | 10.4  | 0.0    |       | 7.7       | 77.6  | 14.6  | 0.0    |       |       |
| PHF              | 0.778           | 0.932 | 0.750 | 0.000  | 0.918 | 0.804     | 0.922 | 0.643 | 0.000  | 0.929 | 0.750           | 0.969 | 0.821 | 0.000  | 0.941 | 0.636     | 0.889 | 0.736 | 0.000  | 0.953 | 0.962 |
| Entering Leg     | 28              | 123   | 18    | 0      | 169   | 45        | 461   | 18    | 0      | 524   | 9               | 190   | 23    | 0      | 222   | 28        | 281   | 53    | 0      | 362   | 1277  |
| Exiting Leg      | 288             |       |       |        |       | 308       |       |       |        |       | 169             |       |       |        |       | 512       |       |       |        |       | 1277  |
| Total            | 457             |       |       |        |       | 832       |       |       |        |       | 391             |       |       |        |       | 874       |       |       |        |       | 2554  |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**



|          | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |
|          | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 1               | 2    | 1    | 0      | 4     | 0         | 3    | 0    | 0      | 3     | 0               | 1    | 0    | 0      | 1     | 1         | 4    | 0    | 0      | 5     | 13    |
| 7:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 6    | 0    | 0      | 6     | 0               | 1    | 0    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 12    |
| 7:30 AM  | 0               | 1    | 1    | 0      | 2     | 0         | 5    | 1    | 0      | 6     | 0               | 2    | 1    | 0      | 3     | 0         | 7    | 1    | 0      | 8     | 19    |
| 7:45 AM  | 0               | 0    | 1    | 0      | 1     | 1         | 5    | 0    | 0      | 6     | 0               | 0    | 0    | 0      | 0     | 0         | 6    | 0    | 0      | 6     | 13    |
| Total    | 1               | 3    | 3    | 0      | 7     | 1         | 19   | 1    | 0      | 21    | 0               | 4    | 1    | 0      | 5     | 1         | 22   | 1    | 0      | 24    | 57    |
| 8:00 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 1    | 0    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 8     |
| 8:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 6    | 0    | 0      | 6     | 0               | 1    | 0    | 0      | 1     | 1         | 2    | 2    | 0      | 5     | 12    |
| 8:30 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 7     |
| 8:45 AM  | 0               | 0    | 1    | 0      | 1     | 0         | 2    | 1    | 0      | 3     | 0               | 3    | 0    | 0      | 3     | 0         | 3    | 0    | 0      | 3     | 10    |
| Total    | 0               | 0    | 1    | 0      | 1     | 0         | 13   | 1    | 0      | 14    | 0               | 5    | 0    | 0      | 5     | 1         | 14   | 2    | 0      | 17    | 37    |
| 9:00 AM  | 0               | 2    | 0    | 0      | 2     | 0         | 2    | 1    | 0      | 3     | 0               | 1    | 0    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 11    |
| 9:15 AM  | 1               | 0    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 1               | 3    | 0    | 0      | 4     | 0         | 6    | 1    | 0      | 7     | 13    |
| 9:30 AM  | 1               | 1    | 0    | 0      | 2     | 0         | 5    | 0    | 0      | 5     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 1    | 0      | 3     | 10    |
| 9:45 AM  | 1               | 0    | 0    | 0      | 1     | 1         | 5    | 0    | 0      | 6     | 1               | 3    | 1    | 0      | 5     | 0         | 2    | 0    | 0      | 2     | 14    |
| Total    | 3               | 3    | 0    | 0      | 6     | 1         | 13   | 1    | 0      | 15    | 2               | 7    | 1    | 0      | 10    | 0         | 15   | 2    | 0      | 17    | 48    |
| 10:00 AM | 0               | 2    | 0    | 0      | 2     | 0         | 5    | 0    | 0      | 5     | 0               | 0    | 1    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 11    |
| 10:15 AM | 0               | 1    | 0    | 0      | 1     | 1         | 7    | 0    | 0      | 8     | 0               | 1    | 2    | 0      | 3     | 0         | 6    | 1    | 0      | 7     | 19    |
| 10:30 AM | 1               | 0    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 6     |
| 10:45 AM | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 1    | 0      | 2     | 0               | 1    | 2    | 0      | 3     | 0         | 3    | 0    | 0      | 3     | 8     |
| Total    | 1               | 3    | 0    | 0      | 4     | 1         | 17   | 1    | 0      | 19    | 0               | 2    | 5    | 0      | 7     | 0         | 13   | 1    | 0      | 14    | 44    |
| 11:00 AM | 0               | 0    | 0    | 0      | 0     | 0         | 5    | 0    | 0      | 5     | 0               | 0    | 1    | 0      | 1     | 0         | 3    | 3    | 0      | 6     | 12    |
| 11:15 AM | 1               | 0    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 0               | 0    | 0    | 0      | 0     | 0         | 7    | 0    | 0      | 7     | 12    |
| 11:30 AM | 2               | 1    | 0    | 0      | 3     | 0         | 5    | 0    | 0      | 5     | 0               | 1    | 1    | 0      | 2     | 0         | 5    | 1    | 0      | 6     | 16    |
| 11:45 AM | 1               | 1    | 0    | 0      | 2     | 0         | 8    | 0    | 0      | 8     | 0               | 0    | 0    | 0      | 0     | 0         | 5    | 0    | 0      | 5     | 15    |
| Total    | 4               | 2    | 0    | 0      | 6     | 0         | 22   | 0    | 0      | 22    | 0               | 1    | 2    | 0      | 3     | 0         | 20   | 4    | 0      | 24    | 55    |
| 12:00 PM | 0               | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0               | 1    | 1    | 0      | 2     | 1         | 4    | 1    | 0      | 6     | 11    |
| 12:15 PM | 2               | 1    | 0    | 0      | 3     | 0         | 6    | 0    | 0      | 6     | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 13    |
| 12:30 PM | 1               | 0    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 1               | 0    | 0    | 0      | 1     | 0         | 2    | 1    | 0      | 3     | 9     |
| 12:45 PM | 0               | 1    | 0    | 0      | 1     | 0         | 4    | 1    | 0      | 5     | 1               | 2    | 1    | 0      | 4     | 0         | 5    | 0    | 0      | 5     | 15    |
| Total    | 3               | 3    | 0    | 0      | 6     | 0         | 16   | 1    | 0      | 17    | 2               | 3    | 2    | 0      | 7     | 1         | 15   | 2    | 0      | 18    | 48    |
| 1:00 PM  | 0               | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 0               | 0    | 1    | 0      | 1     | 0         | 4    | 1    | 0      | 5     | 9     |
| 1:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 1    | 0    | 0      | 1     | 1         | 1    | 2    | 0      | 4     | 8     |
| 1:30 PM  | 0               | 0    | 1    | 0      | 1     | 1         | 4    | 0    | 0      | 5     | 0               | 0    | 0    | 0      | 0     | 2         | 4    | 0    | 0      | 6     | 12    |
| 1:45 PM  | 1               | 1    | 0    | 0      | 2     | 1         | 4    | 0    | 0      | 5     | 0               | 3    | 0    | 0      | 3     | 0         | 2    | 0    | 0      | 2     | 12    |
| Total    | 1               | 1    | 1    | 0      | 3     | 3         | 13   | 0    | 0      | 16    | 0               | 4    | 1    | 0      | 5     | 3         | 11   | 3    | 0      | 17    | 41    |
| 2:00 PM  | 0               | 3    | 0    | 0      | 3     | 1         | 3    | 1    | 0      | 5     | 0               | 2    | 1    | 0      | 3     | 0         | 5    | 1    | 0      | 6     | 17    |
| 2:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 6     |
| 2:30 PM  | 0               | 0    | 1    | 0      | 1     | 0         | 2    | 1    | 0      | 3     | 0               | 2    | 0    | 0      | 2     | 1         | 2    | 0    | 0      | 3     | 9     |
| 2:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |
| Total    | 0               | 3    | 1    | 0      | 4     | 1         | 10   | 2    | 0      | 13    | 0               | 4    | 1    | 0      | 5     | 1         | 11   | 1    | 0      | 13    | 35    |
| 3:00 PM  | 0               | 0    | 0    | 0      | 0     | 1         | 4    | 0    | 0      | 5     | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 9     |
| 3:15 PM  | 0               | 0    | 2    | 0      | 2     | 0         | 6    | 0    | 0      | 6     | 0               | 3    | 0    | 0      | 3     | 2         | 1    | 0    | 0      | 3     | 14    |
| 3:30 PM  | 0               | 0    | 0    | 0      | 0     | 1         | 6    | 0    | 0      | 7     | 0               | 2    | 0    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 12    |
| 3:45 PM  | 0               | 1    | 0    | 0      | 1     | 1         | 5    | 1    | 0      | 7     | 1               | 1    | 0    | 0      | 2     | 0         | 3    | 1    | 0      | 4     | 14    |
| Total    | 0               | 1    | 2    | 0      | 3     | 3         | 21   | 1    | 0      | 25    | 1               | 6    | 0    | 0      | 7     | 2         | 11   | 1    | 0      | 14    | 49    |
| 4:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 1    | 0      | 5     | 2               | 1    | 0    | 0      | 3     | 0         | 0    | 0    | 0      | 0     | 8     |
| 4:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 1    | 1    | 0      | 2     | 0         | 6    | 0    | 0      | 6     | 11    |
| 4:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 1    | 0      | 3     | 0               | 0    | 1    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 6     |
| 4:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 2    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 6     |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 12   | 2    | 0      | 14    | 2               | 4    | 2    | 0      | 8     | 0         | 9    | 0    | 0      | 9     | 31    |
| 5:00 PM  | 0               | 1    | 0    | 0      | 1     | 1         | 2    | 0    | 0      | 3     | 0               | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 8     |
| 5:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |
| 5:30 PM  | 0               | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 0               | 1    | 0    | 0      | 1     | 1         | 2    | 1    | 0      | 4     | 9     |
| 5:45 PM  | 0               | 0    | 1    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| Total    | 0               | 2    | 1    | 0      | 3     | 1         | 7    | 0    | 0      | 8     | 0               | 2    | 0    | 0      | 2     | 1         | 7    | 1    | 0      | 9     | 22    |
| 6:00 PM  | 0               | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 0               | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 7     |
| 6:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 2    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 5     |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**



|                    | Columbia Street |          |          |          |          | Broadway  |          |          |          |          | Columbia Street |          |          |          |          | Broadway  |          |          |          |          | Total     |
|--------------------|-----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------|
|                    | from North      |          |          |          |          | from East |          |          |          |          | from South      |          |          |          |          | from West |          |          |          |          |           |
|                    | Right           | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right           | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |           |
| 6:30 PM            | 0               | 0        | 0        | 0        | 0        | 0         | 2        | 0        | 0        | 2        | 0               | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 3         |
| 6:45 PM            | 0               | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 1               | 0        | 0        | 0        | 1        | 0         | 0        | 0        | 0        | 0        | 2         |
| <b>Total</b>       | <b>0</b>        | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b>  | <b>7</b> | <b>0</b> | <b>0</b> | <b>8</b> | <b>1</b>        | <b>3</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>0</b>  | <b>5</b> | <b>0</b> | <b>0</b> | <b>5</b> | <b>17</b> |
| Grand Total        | 13              | 21       | 9        | 0        | 43       | 12        | 170      | 10       | 0        | 192      | 8               | 45       | 15       | 0        | 68       | 10        | 153      | 18       | 0        | 181      | 484       |
| Approach %         | 30.2            | 48.8     | 20.9     | 0.0      |          | 6.3       | 88.5     | 5.2      | 0.0      |          | 11.8            | 66.2     | 22.1     | 0.0      |          | 5.5       | 84.5     | 9.9      | 0.0      |          |           |
| Total %            | 2.7             | 4.3      | 1.9      | 0.0      | 8.9      | 2.5       | 35.1     | 2.1      | 0.0      | 39.7     | 1.7             | 9.3      | 3.1      | 0.0      | 14.0     | 2.1       | 31.6     | 3.7      | 0.0      | 37.4     |           |
| Exiting Leg Total  | 75              |          |          |          |          | 170       |          |          |          |          | 41              |          |          |          |          | 198       |          |          |          |          | 484       |
| Buses              | 2               | 5        | 5        | 0        | 12       | 8         | 74       | 5        | 0        | 87       | 3               | 17       | 4        | 0        | 24       | 3         | 71       | 1        | 0        | 75       | 198       |
| % Buses            | 15.4            | 23.8     | 55.6     | 0.0      | 27.9     | 66.7      | 43.5     | 50.0     | 0.0      | 45.3     | 37.5            | 37.8     | 26.7     | 0.0      | 35.3     | 30.0      | 46.4     | 5.6      | 0.0      | 41.4     | 40.9      |
| Exiting Leg Total  | 26              |          |          |          |          | 79        |          |          |          |          | 13              |          |          |          |          | 80        |          |          |          |          | 198       |
| Single-Unit Trucks | 11              | 15       | 3        | 0        | 29       | 4         | 92       | 4        | 0        | 100      | 5               | 28       | 10       | 0        | 43       | 7         | 75       | 16       | 0        | 98       | 270       |
| % Single-Unit      | 84.6            | 71.4     | 33.3     | 0.0      | 67.4     | 33.3      | 54.1     | 40.0     | 0.0      | 52.1     | 62.5            | 62.2     | 66.7     | 0.0      | 63.2     | 70.0      | 49.0     | 88.9     | 0.0      | 54.1     | 55.8      |
| Exiting Leg Total  | 48              |          |          |          |          | 83        |          |          |          |          | 26              |          |          |          |          | 113       |          |          |          |          | 270       |
| Articulated Trucks | 0               | 1        | 1        | 0        | 2        | 0         | 4        | 1        | 0        | 5        | 0               | 0        | 1        | 0        | 1        | 0         | 7        | 1        | 0        | 8        | 16        |
| % Articulated      | 0.0             | 4.8      | 11.1     | 0.0      | 4.7      | 0.0       | 2.4      | 10.0     | 0.0      | 2.6      | 0.0             | 0.0      | 6.7      | 0.0      | 1.5      | 0.0       | 4.6      | 5.6      | 0.0      | 4.4      | 3.3       |
| Exiting Leg Total  | 1               |          |          |          |          | 8         |          |          |          |          | 2               |          |          |          |          | 5         |          |          |          |          | 16        |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

| 7:00 AM            | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:00 AM            | 1               | 2     | 1     | 0      | 4     | 0         | 3     | 0     | 0      | 3     | 0               | 1     | 0     | 0      | 1     | 1         | 4     | 0     | 0      | 5     | 13    |
| 7:15 AM            | 0               | 0     | 0     | 0      | 0     | 0         | 6     | 0     | 0      | 6     | 0               | 1     | 0     | 0      | 1     | 0         | 5     | 0     | 0      | 5     | 12    |
| 7:30 AM            | 0               | 1     | 1     | 0      | 2     | 0         | 5     | 1     | 0      | 6     | 0               | 2     | 1     | 0      | 3     | 0         | 7     | 1     | 0      | 8     | 19    |
| 7:45 AM            | 0               | 0     | 1     | 0      | 1     | 1         | 5     | 0     | 0      | 6     | 0               | 0     | 0     | 0      | 0     | 0         | 6     | 0     | 0      | 6     | 13    |
| Total Volume       | 1               | 3     | 3     | 0      | 7     | 1         | 19    | 1     | 0      | 21    | 0               | 4     | 1     | 0      | 5     | 1         | 22    | 1     | 0      | 24    | 57    |
| % Approach Total   | 14.3            | 42.9  | 42.9  | 0.0    |       | 4.8       | 90.5  | 4.8   | 0.0    |       | 0.0             | 80.0  | 20.0  | 0.0    |       | 4.2       | 91.7  | 4.2   | 0.0    |       |       |
| PHF                | 0.250           | 0.375 | 0.750 | 0.000  | 0.438 | 0.250     | 0.792 | 0.250 | 0.000  | 0.875 | 0.000           | 0.500 | 0.250 | 0.000  | 0.417 | 0.250     | 0.786 | 0.250 | 0.000  | 0.750 | 0.750 |
| Buses              | 0               | 3     | 2     | 0      | 5     | 1         | 11    | 1     | 0      | 13    | 0               | 1     | 0     | 0      | 1     | 0         | 13    | 0     | 0      | 13    | 32    |
| Buses %            | 0.0             | 100.0 | 66.7  | 0.0    | 71.4  | 100.0     | 57.9  | 100.0 | 0.0    | 61.9  | 0.0             | 25.0  | 0.0   | 0.0    | 20.0  | 0.0       | 59.1  | 0.0   | 0.0    | 54.2  | 56.1  |
| Single-Unit Trucks | 1               | 0     | 0     | 0      | 1     | 0         | 8     | 0     | 0      | 8     | 0               | 3     | 1     | 0      | 4     | 1         | 7     | 1     | 0      | 9     | 22    |
| Single-Unit %      | 100.0           | 0.0   | 0.0   | 0.0    | 14.3  | 0.0       | 42.1  | 0.0   | 0.0    | 38.1  | 0.0             | 75.0  | 100.0 | 0.0    | 80.0  | 100.0     | 31.8  | 100.0 | 0.0    | 37.5  | 38.6  |
| Articulated Trucks | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 3     |
| Articulated %      | 0.0             | 0.0   | 33.3  | 0.0    | 14.3  | 0.0       | 0.0   | 0.0   | 0.0    | 0.0   | 0.0             | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 9.1   | 0.0   | 0.0    | 8.3   | 5.3   |
| Buses              | 0               | 3     | 2     | 0      | 5     | 1         | 11    | 1     | 0      | 13    | 0               | 1     | 0     | 0      | 1     | 0         | 13    | 0     | 0      | 13    | 32    |
| Single-Unit Trucks | 1               | 0     | 0     | 0      | 1     | 0         | 8     | 0     | 0      | 8     | 0               | 3     | 1     | 0      | 4     | 1         | 7     | 1     | 0      | 9     | 22    |
| Articulated Trucks | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 3     |
| Total Entering Leg | 1               | 3     | 3     | 0      | 7     | 1         | 19    | 1     | 0      | 21    | 0               | 4     | 1     | 0      | 5     | 1         | 22    | 1     | 0      | 24    | 57    |
| Buses              | 2               |       |       |        |       | 15        |       |       |        |       | 4               |       |       |        |       | 11        |       |       |        |       | 32    |
| Single-Unit Trucks | 4               |       |       |        |       | 7         |       |       |        |       | 1               |       |       |        |       | 10        |       |       |        |       | 22    |
| Articulated Trucks | 0               |       |       |        |       | 3         |       |       |        |       | 0               |       |       |        |       | 0         |       |       |        |       | 3     |
| Total Exiting Leg  | 6               |       |       |        |       | 25        |       |       |        |       | 5               |       |       |        |       | 21        |       |       |        |       | 57    |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

| 11:00 AM           | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 11:00 AM           | 0               | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 0               | 0     | 1     | 0      | 1     | 0         | 3     | 3     | 0      | 6     | 12    |
| 11:15 AM           | 1               | 0     | 0     | 0      | 1     | 0         | 4     | 0     | 0      | 4     | 0               | 0     | 0     | 0      | 0     | 0         | 7     | 0     | 0      | 7     | 12    |
| 11:30 AM           | 2               | 1     | 0     | 0      | 3     | 0         | 5     | 0     | 0      | 5     | 0               | 1     | 1     | 0      | 2     | 0         | 5     | 1     | 0      | 6     | 16    |
| 11:45 AM           | 1               | 1     | 0     | 0      | 2     | 0         | 8     | 0     | 0      | 8     | 0               | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 15    |
| Total Volume       | 4               | 2     | 0     | 0      | 6     | 0         | 22    | 0     | 0      | 22    | 0               | 1     | 2     | 0      | 3     | 0         | 20    | 4     | 0      | 24    | 55    |
| % Approach Total   | 66.7            | 33.3  | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0             | 33.3  | 66.7  | 0.0    |       | 0.0       | 83.3  | 16.7  | 0.0    |       |       |
| PHF                | 0.500           | 0.500 | 0.000 | 0.000  | 0.500 | 0.000     | 0.688 | 0.000 | 0.000  | 0.688 | 0.000           | 0.250 | 0.500 | 0.000  | 0.375 | 0.000     | 0.714 | 0.333 | 0.000  | 0.857 | 0.859 |
| Buses              | 2               | 0     | 0     | 0      | 2     | 0         | 4     | 0     | 0      | 4     | 0               | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 10    |
| Buses %            | 50.0            | 0.0   | 0.0   | 0.0    | 33.3  | 0.0       | 18.2  | 0.0   | 0.0    | 18.2  | 0.0             | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 20.0  | 0.0   | 0.0    | 16.7  | 18.2  |
| Single-Unit Trucks | 2               | 2     | 0     | 0      | 4     | 0         | 17    | 0     | 0      | 17    | 0               | 1     | 2     | 0      | 3     | 0         | 14    | 4     | 0      | 18    | 42    |
| Single-Unit %      | 50.0            | 100.0 | 0.0   | 0.0    | 66.7  | 0.0       | 77.3  | 0.0   | 0.0    | 77.3  | 0.0             | 100.0 | 100.0 | 0.0    | 100.0 | 0.0       | 70.0  | 100.0 | 0.0    | 75.0  | 76.4  |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|                    | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Total |    |
|--------------------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|----|
|                    | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |    |
|                    | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |    |
| Articulated Trucks | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |    |
| Articulated %      | 0.0             | 0.0  | 0.0  | 0.0    | 0.0   | 0.0       | 4.5  | 0.0  | 0.0    | 4.5   | 0.0             | 0.0  | 0.0  | 0.0    | 0.0   | 0.0       | 10.0 | 0.0  | 0.0    | 8.3   | 5.5   |    |
| Buses              | 2               | 0    | 0    | 0      | 2     | 0         | 4    | 0    | 0      | 4     | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 10    |    |
| Single-Unit Trucks | 2               | 2    | 0    | 0      | 4     | 0         | 17   | 0    | 0      | 17    | 0               | 1    | 2    | 0      | 3     | 0         | 14   | 4    | 0      | 18    | 42    |    |
| Articulated Trucks | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |    |
| Total Entering Leg | 4               | 2    | 0    | 0      | 6     | 0         | 22   | 0    | 0      | 22    | 0               | 1    | 2    | 0      | 3     | 0         | 20   | 4    | 0      | 24    | 55    |    |
| Buses              |                 |      |      |        |       |           |      |      |        |       |                 |      |      |        |       |           |      |      |        |       | 6     | 10 |
| Single-Unit Trucks |                 |      |      |        |       |           |      |      |        |       |                 |      |      |        |       |           |      |      |        |       | 21    | 42 |
| Articulated Trucks |                 |      |      |        |       |           |      |      |        |       |                 |      |      |        |       |           |      |      |        |       | 1     | 3  |
| Total Exiting Leg  |                 |      |      |        |       |           |      |      |        |       |                 |      |      |        |       |           |      |      |        |       | 28    | 55 |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

| 3:00 PM            | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |    |
|--------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|----|
|                    | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |    |
|                    | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |    |
| 3:00 PM            | 0               | 0     | 0     | 0      | 0     | 1         | 4     | 0     | 0      | 5     | 0               | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 9     |    |
| 3:15 PM            | 0               | 0     | 2     | 0      | 2     | 0         | 6     | 0     | 0      | 6     | 0               | 3     | 0     | 0      | 3     | 2         | 1     | 0     | 0      | 3     | 14    |    |
| 3:30 PM            | 0               | 0     | 0     | 0      | 0     | 1         | 6     | 0     | 0      | 7     | 0               | 2     | 0     | 0      | 2     | 0         | 3     | 0     | 0      | 3     | 12    |    |
| 3:45 PM            | 0               | 1     | 0     | 0      | 1     | 1         | 5     | 1     | 0      | 7     | 1               | 1     | 0     | 0      | 2     | 0         | 3     | 1     | 0      | 4     | 14    |    |
| Total Volume       | 0               | 1     | 2     | 0      | 3     | 3         | 21    | 1     | 0      | 25    | 1               | 6     | 0     | 0      | 7     | 2         | 11    | 1     | 0      | 14    | 49    |    |
| % Approach Total   | 0.0             | 33.3  | 66.7  | 0.0    |       | 12.0      | 84.0  | 4.0   | 0.0    |       | 14.3            | 85.7  | 0.0   | 0.0    |       | 14.3      | 78.6  | 7.1   | 0.0    |       |       |    |
| PHF                | 0.000           | 0.250 | 0.250 | 0.000  | 0.375 | 0.750     | 0.875 | 0.250 | 0.000  | 0.893 | 0.250           | 0.500 | 0.000 | 0.000  | 0.583 | 0.250     | 0.688 | 0.250 | 0.000  | 0.875 | 0.875 |    |
| Buses              | 0               | 0     | 1     | 0      | 1     | 3         | 15    | 1     | 0      | 19    | 1               | 1     | 0     | 0      | 2     | 1         | 10    | 0     | 0      | 11    | 33    |    |
| Buses %            | 0.0             | 0.0   | 50.0  | 0.0    | 33.3  | 100.0     | 71.4  | 100.0 | 0.0    | 76.0  | 100.0           | 16.7  | 0.0   | 0.0    | 28.6  | 50.0      | 90.9  | 0.0   | 0.0    | 78.6  | 67.3  |    |
| Single-Unit Trucks | 0               | 1     | 1     | 0      | 2     | 0         | 6     | 0     | 0      | 6     | 0               | 5     | 0     | 0      | 5     | 1         | 1     | 1     | 0      | 3     | 16    |    |
| Single-Unit %      | 0.0             | 100.0 | 50.0  | 0.0    | 66.7  | 0.0       | 28.6  | 0.0   | 0.0    | 24.0  | 0.0             | 83.3  | 0.0   | 0.0    | 71.4  | 50.0      | 9.1   | 100.0 | 0.0    | 21.4  | 32.7  |    |
| Articulated Trucks | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |    |
| Articulated %      | 0.0             | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 0.0   | 0.0   | 0.0    | 0.0   | 0.0             | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   |    |
| Buses              | 0               | 0     | 1     | 0      | 1     | 3         | 15    | 1     | 0      | 19    | 1               | 1     | 0     | 0      | 2     | 1         | 10    | 0     | 0      | 11    | 33    |    |
| Single-Unit Trucks | 0               | 1     | 1     | 0      | 2     | 0         | 6     | 0     | 0      | 6     | 0               | 5     | 0     | 0      | 5     | 1         | 1     | 1     | 0      | 3     | 16    |    |
| Articulated Trucks | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |    |
| Total Entering Leg | 0               | 1     | 2     | 0      | 3     | 3         | 21    | 1     | 0      | 25    | 1               | 6     | 0     | 0      | 7     | 2         | 11    | 1     | 0      | 14    | 49    |    |
| Buses              |                 |       |       |        |       |           |       |       |        |       |                 |       |       |        |       |           |       |       |        |       | 15    | 33 |
| Single-Unit Trucks |                 |       |       |        |       |           |       |       |        |       |                 |       |       |        |       |           |       |       |        |       | 6     | 16 |
| Articulated Trucks |                 |       |       |        |       |           |       |       |        |       |                 |       |       |        |       |           |       |       |        |       | 0     | 0  |
| Total Exiting Leg  |                 |       |       |        |       |           |       |       |        |       |                 |       |       |        |       |           |       |       |        |       | 21    | 49 |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Buses**

|              | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|--------------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|              | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |
|              | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM      | 0               | 2    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 5     |
| 7:15 AM      | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 0               | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 7     |
| 7:30 AM      | 0               | 1    | 1    | 0      | 2     | 0         | 4    | 1    | 0      | 5     | 0               | 0    | 0    | 0      | 0     | 0         | 7    | 0    | 0      | 7     | 14    |
| 7:45 AM      | 0               | 0    | 1    | 0      | 1     | 1         | 2    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 6     |
| <b>Total</b> | 0               | 3    | 2    | 0      | 5     | 1         | 11   | 1    | 0      | 13    | 0               | 1    | 0    | 0      | 1     | 0         | 13   | 0    | 0      | 13    | 32    |
| 8:00 AM      | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 4     |
| 8:15 AM      | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 1    | 0      | 2     | 6     |
| 8:30 AM      | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 2     |
| 8:45 AM      | 0               | 0    | 1    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0               | 3    | 0    | 0      | 3     | 0         | 2    | 0    | 0      | 2     | 8     |
| <b>Total</b> | 0               | 0    | 1    | 0      | 1     | 0         | 7    | 0    | 0      | 7     | 0               | 5    | 0    | 0      | 5     | 0         | 6    | 1    | 0      | 7     | 20    |
| 9:00 AM      | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| 9:15 AM      | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 1               | 2    | 0    | 0      | 3     | 0         | 1    | 0    | 0      | 1     | 5     |
| 9:30 AM      | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |
| 9:45 AM      | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 3     |
| <b>Total</b> | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 1    | 0      | 5     | 1               | 2    | 0    | 0      | 3     | 0         | 5    | 0    | 0      | 5     | 13    |
| 10:00 AM     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 1     |
| 10:15 AM     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 1    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 4     |
| 10:30 AM     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 10:45 AM     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 1     |
| <b>Total</b> | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 1    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 6     |
| 11:00 AM     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 11:15 AM     | 1               | 0    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 4     |
| 11:30 AM     | 1               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |
| 11:45 AM     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 3     |
| <b>Total</b> | 2               | 0    | 0    | 0      | 2     | 0         | 4    | 0    | 0      | 4     | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 10    |
| 12:00 PM     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 1         | 1    | 0    | 0      | 2     | 4     |
| 12:15 PM     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 2     |
| 12:30 PM     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 12:45 PM     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 2     |
| <b>Total</b> | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 1         | 5    | 0    | 0      | 6     | 9     |
| 1:00 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| 1:15 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 3     |
| 1:30 PM      | 0               | 0    | 1    | 0      | 1     | 1         | 2    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 7     |
| 1:45 PM      | 0               | 0    | 0    | 0      | 0     | 1         | 3    | 0    | 0      | 4     | 0               | 2    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 7     |
| <b>Total</b> | 0               | 0    | 1    | 0      | 1     | 2         | 9    | 0    | 0      | 11    | 0               | 2    | 0    | 0      | 2     | 0         | 5    | 0    | 0      | 5     | 19    |
| 2:00 PM      | 0               | 1    | 0    | 0      | 1     | 1         | 1    | 1    | 0      | 3     | 0               | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 5     |
| 2:15 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 4     |
| 2:30 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 1    | 0      | 2     | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 4     |
| 2:45 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 1     |
| <b>Total</b> | 0               | 1    | 0    | 0      | 1     | 1         | 5    | 2    | 0      | 8     | 0               | 1    | 1    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 14    |
| 3:00 PM      | 0               | 0    | 0    | 0      | 0     | 1         | 3    | 0    | 0      | 4     | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 8     |
| 3:15 PM      | 0               | 0    | 1    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 5     |
| 3:30 PM      | 0               | 0    | 0    | 0      | 0     | 1         | 5    | 0    | 0      | 6     | 0               | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 10    |
| 3:45 PM      | 0               | 0    | 0    | 0      | 0     | 1         | 4    | 1    | 0      | 6     | 1               | 0    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 10    |
| <b>Total</b> | 0               | 0    | 1    | 0      | 1     | 3         | 15   | 1    | 0      | 19    | 1               | 1    | 0    | 0      | 2     | 1         | 10   | 0    | 0      | 11    | 33    |
| 4:00 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 1               | 1    | 0    | 0      | 2     | 0         | 0    | 0    | 0      | 0     | 4     |
| 4:15 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 1    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 8     |
| 4:30 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 1    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 5     |
| 4:45 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 3     |
| <b>Total</b> | 0               | 0    | 0    | 0      | 0     | 0         | 7    | 0    | 0      | 7     | 1               | 2    | 2    | 0      | 5     | 0         | 8    | 0    | 0      | 8     | 20    |
| 5:00 PM      | 0               | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 5     |
| 5:15 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |
| 5:30 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 1    | 0    | 0      | 1     | 1         | 1    | 0    | 0      | 2     | 5     |
| 5:45 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| <b>Total</b> | 0               | 0    | 0    | 0      | 0     | 1         | 5    | 0    | 0      | 6     | 0               | 1    | 0    | 0      | 1     | 1         | 5    | 0    | 0      | 6     | 13    |
| 6:00 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 5     |
| 6:15 PM      | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Buses**

|                   | Columbia Street |          |          |          |          | Broadway  |          |          |          |          | Columbia Street |          |          |          |          | Broadway  |          |          |          |          | Total    |
|-------------------|-----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|                   | from North      |          |          |          |          | from East |          |          |          |          | from South      |          |          |          |          | from West |          |          |          |          |          |
|                   | Right           | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right           | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |          |
| 6:30 PM           | 0               | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 0               | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 2        |
| 6:45 PM           | 0               | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0               | 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>0</b>  | <b>5</b> | <b>0</b> | <b>0</b> | <b>5</b> | <b>0</b>        | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>4</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>9</b> |
| Grand Total       | 2               | 5        | 5        | 0        | 12       | 8         | 74       | 5        | 0        | 87       | 3               | 17       | 4        | 0        | 24       | 3         | 71       | 1        | 0        | 75       | 198      |
| Approach %        | 16.7            | 41.7     | 41.7     | 0.0      |          | 9.2       | 85.1     | 5.7      | 0.0      |          | 12.5            | 70.8     | 16.7     | 0.0      |          | 4.0       | 94.7     | 1.3      | 0.0      |          |          |
| Total %           | 1.0             | 2.5      | 2.5      | 0.0      | 6.1      | 4.0       | 37.4     | 2.5      | 0.0      | 43.9     | 1.5             | 8.6      | 2.0      | 0.0      | 12.1     | 1.5       | 35.9     | 0.5      | 0.0      | 37.9     |          |
| Exiting Leg Total | 26              |          |          |          |          | 79        |          |          |          |          | 13              |          |          |          |          | 80        |          |          |          |          | 198      |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:00 AM          | 0               | 2     | 0     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 5     |
| 7:15 AM          | 0               | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 0               | 1     | 0     | 0      | 1     | 0         | 2     | 0     | 0      | 2     | 7     |
| 7:30 AM          | 0               | 1     | 1     | 0      | 2     | 0         | 4     | 1     | 0      | 5     | 0               | 0     | 0     | 0      | 0     | 0         | 7     | 0     | 0      | 7     | 14    |
| 7:45 AM          | 0               | 0     | 1     | 0      | 1     | 1         | 2     | 0     | 0      | 3     | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 6     |
| Total Volume     | 0               | 3     | 2     | 0      | 5     | 1         | 11    | 1     | 0      | 13    | 0               | 1     | 0     | 0      | 1     | 0         | 13    | 0     | 0      | 13    | 32    |
| % Approach Total | 0.0             | 60.0  | 40.0  | 0.0    |       | 7.7       | 84.6  | 7.7   | 0.0    |       | 0.0             | 100.0 | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000           | 0.375 | 0.500 | 0.000  | 0.625 | 0.250     | 0.688 | 0.250 | 0.000  | 0.650 | 0.000           | 0.250 | 0.000 | 0.000  | 0.250 | 0.000     | 0.464 | 0.000 | 0.000  | 0.464 | 0.571 |
| Entering Leg     | 0               | 3     | 2     | 0      | 5     | 1         | 11    | 1     | 0      | 13    | 0               | 1     | 0     | 0      | 1     | 0         | 13    | 0     | 0      | 13    | 32    |
| Exiting Leg      | 2               |       |       |        |       | 15        |       |       |        |       | 4               |       |       |        |       | 11        |       |       |        |       | 32    |
| Total            | 7               |       |       |        |       | 28        |       |       |        |       | 5               |       |       |        |       | 24        |       |       |        |       | 64    |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 1:30 PM          | 0               | 0     | 1     | 0      | 1     | 1         | 2     | 0     | 0      | 3     | 0               | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 7     |
| 1:45 PM          | 0               | 0     | 0     | 0      | 0     | 1         | 3     | 0     | 0      | 4     | 0               | 2     | 0     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 7     |
| 2:00 PM          | 0               | 1     | 0     | 0      | 1     | 1         | 1     | 1     | 0      | 3     | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 5     |
| 2:15 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 4     |
| Total Volume     | 0               | 1     | 1     | 0      | 2     | 3         | 9     | 1     | 0      | 13    | 0               | 2     | 1     | 0      | 3     | 0         | 5     | 0     | 0      | 5     | 23    |
| % Approach Total | 0.0             | 50.0  | 50.0  | 0.0    |       | 23.1      | 69.2  | 7.7   | 0.0    |       | 0.0             | 66.7  | 33.3  | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000           | 0.250 | 0.250 | 0.000  | 0.500 | 0.750     | 0.750 | 0.250 | 0.000  | 0.813 | 0.000           | 0.250 | 0.250 | 0.000  | 0.375 | 0.000     | 0.417 | 0.000 | 0.000  | 0.417 | 0.821 |
| Entering Leg     | 0               | 1     | 1     | 0      | 2     | 3         | 9     | 1     | 0      | 13    | 0               | 2     | 1     | 0      | 3     | 0         | 5     | 0     | 0      | 5     | 23    |
| Exiting Leg      | 5               |       |       |        |       | 6         |       |       |        |       | 2               |       |       |        |       | 10        |       |       |        |       | 23    |
| Total            | 7               |       |       |        |       | 19        |       |       |        |       | 5               |       |       |        |       | 15        |       |       |        |       | 46    |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 3:00 PM          | 0               | 0     | 0     | 0      | 0     | 1         | 3     | 0     | 0      | 4     | 0               | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 8     |
| 3:15 PM          | 0               | 0     | 1     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 0               | 0     | 0     | 0      | 0     | 1         | 0     | 0     | 0      | 1     | 5     |
| 3:30 PM          | 0               | 0     | 0     | 0      | 0     | 1         | 5     | 0     | 0      | 6     | 0               | 1     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 10    |
| 3:45 PM          | 0               | 0     | 0     | 0      | 0     | 1         | 4     | 1     | 0      | 6     | 1               | 0     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 10    |
| Total Volume     | 0               | 0     | 1     | 0      | 1     | 3         | 15    | 1     | 0      | 19    | 1               | 1     | 0     | 0      | 2     | 1         | 10    | 0     | 0      | 11    | 33    |
| % Approach Total | 0.0             | 0.0   | 100.0 | 0.0    |       | 15.8      | 78.9  | 5.3   | 0.0    |       | 50.0            | 50.0  | 0.0   | 0.0    |       | 9.1       | 90.9  | 0.0   | 0.0    |       |       |
| PHF              | 0.000           | 0.000 | 0.250 | 0.000  | 0.250 | 0.750     | 0.750 | 0.250 | 0.000  | 0.792 | 0.250           | 0.250 | 0.000 | 0.000  | 0.500 | 0.250     | 0.625 | 0.000 | 0.000  | 0.688 | 0.825 |
| Entering Leg     | 0               | 0     | 1     | 0      | 1     | 3         | 15    | 1     | 0      | 19    | 1               | 1     | 0     | 0      | 2     | 1         | 10    | 0     | 0      | 11    | 33    |
| Exiting Leg      | 4               |       |       |        |       | 12        |       |       |        |       | 2               |       |       |        |       | 15        |       |       |        |       | 33    |
| Total            | 5               |       |       |        |       | 31        |       |       |        |       | 4               |       |       |        |       | 26        |       |       |        |       | 66    |



PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Single-Unit Trucks**

|          | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |
|          | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 1               | 0    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0               | 1    | 0    | 0      | 1     | 1         | 2    | 0    | 0      | 3     | 7     |
| 7:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 5     |
| 7:30 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 2    | 1    | 0      | 3     | 0         | 0    | 1    | 0      | 1     | 5     |
| 7:45 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 5     |
| Total    | 1               | 0    | 0    | 0      | 1     | 0         | 8    | 0    | 0      | 8     | 0               | 3    | 1    | 0      | 4     | 1         | 7    | 1    | 0      | 9     | 22    |
| 8:00 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 4     |
| 8:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 1         | 1    | 1    | 0      | 3     | 5     |
| 8:30 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 4     |
| 8:45 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 5    | 1    | 0      | 6     | 0               | 0    | 0    | 0      | 0     | 1         | 7    | 1    | 0      | 9     | 15    |
| 9:00 AM  | 0               | 2    | 0    | 0      | 2     | 0         | 2    | 0    | 0      | 2     | 0               | 1    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 9     |
| 9:15 AM  | 1               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 5    | 1    | 0      | 6     | 8     |
| 9:30 AM  | 1               | 1    | 0    | 0      | 2     | 0         | 4    | 0    | 0      | 4     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 7     |
| 9:45 AM  | 1               | 0    | 0    | 0      | 1     | 1         | 3    | 0    | 0      | 4     | 1               | 3    | 1    | 0      | 5     | 0         | 1    | 0    | 0      | 1     | 11    |
| Total    | 3               | 3    | 0    | 0      | 6     | 1         | 9    | 0    | 0      | 10    | 1               | 5    | 1    | 0      | 7     | 0         | 10   | 2    | 0      | 12    | 35    |
| 10:00 AM | 0               | 2    | 0    | 0      | 2     | 0         | 5    | 0    | 0      | 5     | 0               | 0    | 1    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 10    |
| 10:15 AM | 0               | 1    | 0    | 0      | 1     | 1         | 5    | 0    | 0      | 6     | 0               | 0    | 1    | 0      | 1     | 0         | 5    | 1    | 0      | 6     | 14    |
| 10:30 AM | 1               | 0    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 6     |
| 10:45 AM | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 1    | 0      | 2     | 0               | 1    | 1    | 0      | 2     | 0         | 2    | 0    | 0      | 2     | 6     |
| Total    | 1               | 3    | 0    | 0      | 4     | 1         | 15   | 1    | 0      | 17    | 0               | 1    | 3    | 0      | 4     | 0         | 10   | 1    | 0      | 11    | 36    |
| 11:00 AM | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 0               | 0    | 1    | 0      | 1     | 0         | 3    | 3    | 0      | 6     | 11    |
| 11:15 AM | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 0         | 5    | 0    | 0      | 5     | 7     |
| 11:30 AM | 1               | 1    | 0    | 0      | 2     | 0         | 5    | 0    | 0      | 5     | 0               | 1    | 1    | 0      | 2     | 0         | 3    | 1    | 0      | 4     | 13    |
| 11:45 AM | 1               | 1    | 0    | 0      | 2     | 0         | 6    | 0    | 0      | 6     | 0               | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 11    |
| Total    | 2               | 2    | 0    | 0      | 4     | 0         | 17   | 0    | 0      | 17    | 0               | 1    | 2    | 0      | 3     | 0         | 14   | 4    | 0      | 18    | 42    |
| 12:00 PM | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 1    | 0      | 1     | 0         | 3    | 1    | 0      | 4     | 6     |
| 12:15 PM | 2               | 1    | 0    | 0      | 3     | 0         | 6    | 0    | 0      | 6     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 11    |
| 12:30 PM | 1               | 0    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 1               | 0    | 0    | 0      | 1     | 0         | 2    | 1    | 0      | 3     | 8     |
| 12:45 PM | 0               | 0    | 0    | 0      | 0     | 0         | 4    | 1    | 0      | 5     | 1               | 2    | 1    | 0      | 4     | 0         | 3    | 0    | 0      | 3     | 12    |
| Total    | 3               | 1    | 0    | 0      | 4     | 0         | 14   | 1    | 0      | 15    | 2               | 2    | 2    | 0      | 6     | 0         | 10   | 2    | 0      | 12    | 37    |
| 1:00 PM  | 0               | 0    | 0    | 0      | 0     | 1         | 1    | 0    | 0      | 2     | 0               | 0    | 1    | 0      | 1     | 0         | 3    | 1    | 0      | 4     | 7     |
| 1:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 1         | 1    | 1    | 0      | 3     | 4     |
| 1:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 0    | 0    | 0      | 0     | 2         | 1    | 0    | 0      | 3     | 5     |
| 1:45 PM  | 1               | 1    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 5     |
| Total    | 1               | 1    | 0    | 0      | 2     | 1         | 4    | 0    | 0      | 5     | 0               | 2    | 1    | 0      | 3     | 3         | 6    | 2    | 0      | 11    | 21    |
| 2:00 PM  | 0               | 2    | 0    | 0      | 2     | 0         | 2    | 0    | 0      | 2     | 0               | 2    | 0    | 0      | 2     | 0         | 5    | 1    | 0      | 6     | 12    |
| 2:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 2:30 PM  | 0               | 0    | 1    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 1         | 1    | 0    | 0      | 2     | 5     |
| 2:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| Total    | 0               | 2    | 1    | 0      | 3     | 0         | 5    | 0    | 0      | 5     | 0               | 3    | 0    | 0      | 3     | 1         | 7    | 1    | 0      | 9     | 20    |
| 3:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 3:15 PM  | 0               | 0    | 1    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 0               | 3    | 0    | 0      | 3     | 1         | 1    | 0    | 0      | 2     | 9     |
| 3:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 2     |
| 3:45 PM  | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 1    | 0      | 1     | 4     |
| Total    | 0               | 1    | 1    | 0      | 2     | 0         | 6    | 0    | 0      | 6     | 0               | 5    | 0    | 0      | 5     | 1         | 1    | 1    | 0      | 3     | 16    |
| 4:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 1    | 0      | 3     | 1               | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 4     |
| 4:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 3     |
| 4:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 4:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 3     |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 5    | 1    | 0      | 6     | 1               | 2    | 0    | 0      | 3     | 0         | 1    | 0    | 0      | 1     | 10    |
| 5:00 PM  | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 2     |
| 5:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 5:30 PM  | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 1    | 0      | 2     | 4     |
| 5:45 PM  | 0               | 0    | 1    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| Total    | 0               | 2    | 1    | 0      | 3     | 0         | 2    | 0    | 0      | 2     | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 1    | 0      | 2     | 8     |
| 6:00 PM  | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 2     |
| 6:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 2    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 3     |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Single-Unit Trucks**

|                   | Columbia Street |          |          |          |          | Broadway  |          |          |          |          | Columbia Street |          |          |          |          | Broadway  |          |          |          |          | Total    |
|-------------------|-----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|                   | from North      |          |          |          |          | from East |          |          |          |          | from South      |          |          |          |          | from West |          |          |          |          |          |
|                   | Right           | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right           | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |          |
| 6:30 PM           | 0               | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 0               | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1        |
| 6:45 PM           | 0               | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 1               | 0        | 0        | 0        | 1        | 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>1</b>  | <b>2</b> | <b>0</b> | <b>0</b> | <b>3</b> | <b>1</b>        | <b>3</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>0</b>  | <b>1</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>8</b> |
| Grand Total       | 11              | 15       | 3        | 0        | 29       | 4         | 92       | 4        | 0        | 100      | 5               | 28       | 10       | 0        | 43       | 7         | 75       | 16       | 0        | 98       | 270      |
| Approach %        | 37.9            | 51.7     | 10.3     | 0.0      |          | 4.0       | 92.0     | 4.0      | 0.0      |          | 11.6            | 65.1     | 23.3     | 0.0      |          | 7.1       | 76.5     | 16.3     | 0.0      |          |          |
| Total %           | 4.1             | 5.6      | 1.1      | 0.0      | 10.7     | 1.5       | 34.1     | 1.5      | 0.0      | 37.0     | 1.9             | 10.4     | 3.7      | 0.0      | 15.9     | 2.6       | 27.8     | 5.9      | 0.0      | 36.3     |          |
| Exiting Leg Total | 48              |          |          |          |          | 83        |          |          |          |          | 26              |          |          |          |          | 113       |          |          |          |          | 270      |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 9:30 AM          | 1               | 1     | 0     | 0      | 2     | 0         | 4     | 0     | 0      | 4     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 1     | 0      | 1     | 7     |
| 9:45 AM          | 1               | 0     | 0     | 0      | 1     | 1         | 3     | 0     | 0      | 4     | 1               | 3     | 1     | 0      | 5     | 0         | 1     | 0     | 0      | 1     | 11    |
| 10:00 AM         | 0               | 2     | 0     | 0      | 2     | 0         | 5     | 0     | 0      | 5     | 0               | 0     | 1     | 0      | 1     | 0         | 2     | 0     | 0      | 2     | 10    |
| 10:15 AM         | 0               | 1     | 0     | 0      | 1     | 1         | 5     | 0     | 0      | 6     | 0               | 0     | 1     | 0      | 1     | 0         | 5     | 1     | 0      | 6     | 14    |
| Total Volume     | 2               | 4     | 0     | 0      | 6     | 2         | 17    | 0     | 0      | 19    | 1               | 3     | 3     | 0      | 7     | 0         | 8     | 2     | 0      | 10    | 42    |
| % Approach Total | 33.3            | 66.7  | 0.0   | 0.0    |       | 10.5      | 89.5  | 0.0   | 0.0    |       | 14.3            | 42.9  | 42.9  | 0.0    |       | 0.0       | 80.0  | 20.0  | 0.0    |       |       |
| PHF              | 0.500           | 0.500 | 0.000 | 0.000  | 0.750 | 0.500     | 0.850 | 0.000 | 0.000  | 0.792 | 0.250           | 0.250 | 0.750 | 0.000  | 0.350 | 0.000     | 0.400 | 0.500 | 0.000  | 0.417 | 0.750 |
| Entering Leg     | 2               | 4     | 0     | 0      | 6     | 2         | 17    | 0     | 0      | 19    | 1               | 3     | 3     | 0      | 7     | 0         | 8     | 2     | 0      | 10    | 42    |
| Exiting Leg      | 7               |       |       |        |       | 9         |       |       |        |       | 4               |       |       |        |       | 22        |       |       |        |       | 42    |
| Total            | 13              |       |       |        |       | 28        |       |       |        |       | 11              |       |       |        |       | 32        |       |       |        |       | 84    |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 11:00 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 0               | 0     | 1     | 0      | 1     | 0         | 3     | 3     | 0      | 6     | 11    |
| 11:15 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0               | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 7     |
| 11:30 AM         | 1               | 1     | 0     | 0      | 2     | 0         | 5     | 0     | 0      | 5     | 0               | 1     | 1     | 0      | 2     | 0         | 3     | 1     | 0      | 4     | 13    |
| 11:45 AM         | 1               | 1     | 0     | 0      | 2     | 0         | 6     | 0     | 0      | 6     | 0               | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 11    |
| Total Volume     | 2               | 2     | 0     | 0      | 4     | 0         | 17    | 0     | 0      | 17    | 0               | 1     | 2     | 0      | 3     | 0         | 14    | 4     | 0      | 18    | 42    |
| % Approach Total | 50.0            | 50.0  | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0             | 33.3  | 66.7  | 0.0    |       | 0.0       | 77.8  | 22.2  | 0.0    |       |       |
| PHF              | 0.500           | 0.500 | 0.000 | 0.000  | 0.500 | 0.000     | 0.708 | 0.000 | 0.000  | 0.708 | 0.000           | 0.250 | 0.500 | 0.000  | 0.375 | 0.000     | 0.700 | 0.333 | 0.000  | 0.750 | 0.808 |
| Entering Leg     | 2               | 2     | 0     | 0      | 4     | 0         | 17    | 0     | 0      | 17    | 0               | 1     | 2     | 0      | 3     | 0         | 14    | 4     | 0      | 18    | 42    |
| Exiting Leg      | 5               |       |       |        |       | 14        |       |       |        |       | 2               |       |       |        |       | 21        |       |       |        |       | 42    |
| Total            | 9               |       |       |        |       | 31        |       |       |        |       | 5               |       |       |        |       | 39        |       |       |        |       | 84    |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 2:00 PM          | 0               | 2     | 0     | 0      | 2     | 0         | 2     | 0     | 0      | 2     | 0               | 2     | 0     | 0      | 2     | 0         | 5     | 1     | 0      | 6     | 12    |
| 2:15 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| 2:30 PM          | 0               | 0     | 1     | 0      | 1     | 0         | 1     | 0     | 0      | 1     | 0               | 1     | 0     | 0      | 1     | 1         | 1     | 0     | 0      | 2     | 5     |
| 2:45 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 2     |
| Total Volume     | 0               | 2     | 1     | 0      | 3     | 0         | 5     | 0     | 0      | 5     | 0               | 3     | 0     | 0      | 3     | 1         | 7     | 1     | 0      | 9     | 20    |
| % Approach Total | 0.0             | 66.7  | 33.3  | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0             | 100.0 | 0.0   | 0.0    |       | 11.1      | 77.8  | 11.1  | 0.0    |       |       |
| PHF              | 0.000           | 0.250 | 0.250 | 0.000  | 0.375 | 0.000     | 0.625 | 0.000 | 0.000  | 0.625 | 0.000           | 0.375 | 0.000 | 0.000  | 0.375 | 0.250     | 0.350 | 0.250 | 0.000  | 0.375 | 0.417 |
| Entering Leg     | 0               | 2     | 1     | 0      | 3     | 0         | 5     | 0     | 0      | 5     | 0               | 3     | 0     | 0      | 3     | 1         | 7     | 1     | 0      | 9     | 20    |
| Exiting Leg      | 4               |       |       |        |       | 8         |       |       |        |       | 3               |       |       |        |       | 5         |       |       |        |       | 20    |
| Total            | 7               |       |       |        |       | 13        |       |       |        |       | 6               |       |       |        |       | 14        |       |       |        |       | 40    |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|          | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Total |   |
|----------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|---|
|          | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |      |        |       | from West |      |      |        |       |       |   |
|          | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |   |
| 7:00 AM  | 0               | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| 7:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 7:30 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 7:45 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 0     | 2     |   |
| Total    | 0               | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 0     | 2     | 3 |
| 8:00 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 8:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| 8:30 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 1     |   |
| 8:45 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 2     |   |
| 9:00 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 9:15 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 9:30 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 9:45 AM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 10:00 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 10:15 AM | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| 10:30 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 10:45 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 1    | 0    | 1      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 2     |   |
| 11:00 AM | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| 11:15 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 1     |   |
| 11:30 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 11:45 AM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 1     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 2         | 0    | 0    | 0      | 2     | 3     |   |
| 12:00 PM | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| 12:15 PM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 12:30 PM | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 12:45 PM | 0               | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| Total    | 0               | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |   |
| 1:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 1:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 1      | 1     | 1     |   |
| 1:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 1:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 1      | 1     | 1     |   |
| 2:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 2:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |   |
| 2:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 2:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |   |
| 3:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 3:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 3:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 3:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 4:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 4:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 4:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| 4:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |   |
| 5:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |   |
| 5:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 5:30 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 5:45 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| Total    | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |   |
| 6:00 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |
| 6:15 PM  | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |   |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|                    | Columbia Street |      |      |        |       | Broadway  |      |      |        |       | Columbia Street |      |       |        |       | Broadway  |      |      |        |       | Total |
|--------------------|-----------------|------|------|--------|-------|-----------|------|------|--------|-------|-----------------|------|-------|--------|-------|-----------|------|------|--------|-------|-------|
|                    | from North      |      |      |        |       | from East |      |      |        |       | from South      |      |       |        |       | from West |      |      |        |       |       |
|                    | Right           | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right           | Thru | Left  | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 6:30 PM            | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0     | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 6:45 PM            | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0     | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| <b>Total</b>       | 0               | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0               | 0    | 0     | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| <b>Grand Total</b> | 0               | 1    | 1    | 0      | 2     | 0         | 4    | 1    | 0      | 5     | 0               | 0    | 1     | 0      | 1     | 0         | 7    | 1    | 0      | 8     | 16    |
| Approach %         | 0.0             | 50.0 | 50.0 | 0.0    |       | 0.0       | 80.0 | 20.0 | 0.0    |       | 0.0             | 0.0  | 100.0 | 0.0    |       | 0.0       | 87.5 | 12.5 | 0.0    |       |       |
| Total %            | 0.0             | 6.3  | 6.3  | 0.0    | 12.5  | 0.0       | 25.0 | 6.3  | 0.0    | 31.3  | 0.0             | 0.0  | 6.3   | 0.0    | 6.3   | 0.0       | 43.8 | 6.3  | 0.0    | 50.0  |       |
| Exiting Leg Total  | 1               |      |      |        |       | 8         |      |      |        |       | 2               |      |       |        |       | 5         |      |      |        |       | 16    |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:45 AM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 2     |
| 8:00 AM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 8:15 AM          | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| 8:30 AM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 1     |
| Total Volume     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 4     |
| % Approach Total | 0.0             | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0             | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000           | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 0.000           | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.375 | 0.000 | 0.000  | 0.375 | 0.500 |
| Entering Leg     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 4     |
| Exiting Leg      | 0               |       |       |        |       | 3         |       |       |        |       | 0               |       |       |        |       | 1         |       |       |        |       | 4     |
| Total            | 0               |       |       |        |       | 4         |       |       |        |       | 0               |       |       |        |       | 4         |       |       |        |       | 8     |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 10:15 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| 10:30 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 10:45 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 1     |
| 11:00 AM         | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| Total Volume     | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 3     |
| % Approach Total | 0.0             | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0             | 0.0   | 100.0 | 0.0    |       | 0.0       | 0.0   | 0.0   | 0.0    |       |       |
| PHF              | 0.000           | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.500 | 0.000 | 0.000  | 0.500 | 0.000           | 0.000 | 0.250 | 0.000  | 0.250 | 0.000     | 0.000 | 0.000 | 0.000  | 0.000 | 0.750 |
| Entering Leg     | 0               | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0               | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 3     |
| Exiting Leg      | 0               |       |       |        |       | 0         |       |       |        |       | 0               |       |       |        |       | 3         |       |       |        |       | 3     |
| Total            | 0               |       |       |        |       | 2         |       |       |        |       | 1               |       |       |        |       | 3         |       |       |        |       | 6     |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                  | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Columbia Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North      |       |       |        |       | from East |       |       |        |       | from South      |       |       |        |       | from West |       |       |        |       |       |
|                  | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right           | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 4:15 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 4:30 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 1     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 1     |
| 4:45 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0     |
| 5:00 PM          | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 1     |
| Total Volume     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 1     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 2     |
| % Approach Total | 0.0             | 0.0   | 0.0   | 0.0    |       | 0.0       | 0.0   | 100.0 | 0.0    |       | 0.0             | 0.0   | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.000           | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.000 | 0.250 | 0.000  | 0.250 | 0.000           | 0.000 | 0.000 | 0.000  | 0.000 | 0.000     | 0.250 | 0.000 | 0.000  | 0.250 | 0.500 |
| Entering Leg     | 0               | 0     | 0     | 0      | 0     | 0         | 0     | 1     | 0      | 1     | 0               | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 2     |
| Exiting Leg      | 0               |       |       |        |       | 1         |       |       |        |       | 1               |       |       |        |       | 0         |       |       |        |       | 2     |
| Total            | 0               |       |       |        |       | 2         |       |       |        |       | 1               |       |       |        |       | 1         |       |       |        |       | 4     |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Bicycles (on Roadway and Crosswalks)**

|          | Columbia Street |      |      |        |       |       |       | Broadway  |      |      |        |       |       |       | Columbia Street |      |      |        |       |       |       | Broadway  |      |      |        |       |       |       | Total |
|----------|-----------------|------|------|--------|-------|-------|-------|-----------|------|------|--------|-------|-------|-------|-----------------|------|------|--------|-------|-------|-------|-----------|------|------|--------|-------|-------|-------|-------|
|          | from North      |      |      |        |       |       |       | from East |      |      |        |       |       |       | from South      |      |      |        |       |       |       | from West |      |      |        |       |       |       |       |
|          | Right           | Thru | Left | U-Turn | CW-EB | CW-WB | Total | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total | Right           | Thru | Left | U-Turn | CW-WB | CW-EB | Total | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |       |
| 7:00 AM  | 0               | 9    | 0    | 0      | 0     | 0     | 9     | 0         | 5    | 0    | 0      | 1     | 0     | 6     | 0               | 1    | 0    | 0      | 1     | 0     | 2     | 0         | 8    | 0    | 0      | 0     | 0     | 8     | 25    |
| 7:15 AM  | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 1         | 1    | 1    | 0      | 0     | 0     | 3     | 0               | 0    | 1    | 0      | 1     | 0     | 2     | 2         | 6    | 0    | 0      | 0     | 0     | 8     | 17    |
| 7:30 AM  | 0               | 11   | 0    | 0      | 1     | 0     | 12    | 1         | 3    | 1    | 0      | 1     | 0     | 6     | 0               | 4    | 1    | 0      | 2     | 1     | 8     | 1         | 9    | 0    | 0      | 0     | 0     | 10    | 36    |
| 7:45 AM  | 4               | 9    | 0    | 0      | 0     | 3     | 16    | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 2         | 16   | 0    | 0      | 0     | 0     | 18    | 36    |
| Total    | 4               | 33   | 0    | 0      | 1     | 3     | 41    | 2         | 10   | 2    | 0      | 2     | 0     | 16    | 0               | 6    | 2    | 0      | 4     | 1     | 13    | 5         | 39   | 0    | 0      | 0     | 0     | 44    | 114   |
| 8:00 AM  | 0               | 11   | 0    | 0      | 0     | 0     | 11    | 0         | 6    | 0    | 0      | 0     | 0     | 6     | 1               | 5    | 0    | 0      | 1     | 0     | 7     | 1         | 29   | 0    | 0      | 0     | 0     | 30    | 54    |
| 8:15 AM  | 0               | 20   | 0    | 0      | 0     | 2     | 22    | 0         | 8    | 1    | 0      | 0     | 2     | 11    | 1               | 5    | 1    | 0      | 2     | 0     | 9     | 0         | 26   | 0    | 0      | 1     | 0     | 27    | 69    |
| 8:30 AM  | 0               | 16   | 2    | 0      | 0     | 0     | 18    | 1         | 5    | 0    | 0      | 0     | 0     | 6     | 0               | 10   | 0    | 0      | 1     | 0     | 11    | 0         | 30   | 0    | 0      | 0     | 0     | 30    | 65    |
| 8:45 AM  | 0               | 15   | 0    | 0      | 0     | 0     | 15    | 0         | 8    | 0    | 0      | 0     | 1     | 9     | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 1         | 30   | 0    | 0      | 0     | 0     | 31    | 58    |
| Total    | 0               | 62   | 2    | 0      | 0     | 2     | 66    | 1         | 27   | 1    | 0      | 0     | 3     | 32    | 2               | 23   | 1    | 0      | 4     | 0     | 30    | 2         | 115  | 0    | 0      | 1     | 0     | 118   | 246   |
| 9:00 AM  | 0               | 19   | 3    | 0      | 0     | 0     | 22    | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0               | 7    | 0    | 0      | 0     | 0     | 7     | 1         | 15   | 0    | 0      | 0     | 0     | 16    | 47    |
| 9:15 AM  | 0               | 11   | 1    | 0      | 0     | 0     | 12    | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 2               | 2    | 0    | 0      | 0     | 0     | 4     | 0         | 15   | 0    | 0      | 0     | 0     | 15    | 35    |
| 9:30 AM  | 0               | 8    | 1    | 0      | 0     | 0     | 9     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0               | 5    | 0    | 0      | 0     | 0     | 5     | 1         | 13   | 1    | 0      | 0     | 0     | 15    | 31    |
| 9:45 AM  | 0               | 4    | 1    | 0      | 0     | 0     | 5     | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 0               | 6    | 0    | 0      | 0     | 0     | 6     | 0         | 12   | 1    | 0      | 0     | 0     | 13    | 25    |
| Total    | 0               | 42   | 6    | 0      | 0     | 0     | 48    | 0         | 9    | 0    | 0      | 0     | 0     | 9     | 2               | 20   | 0    | 0      | 0     | 0     | 22    | 2         | 55   | 2    | 0      | 0     | 0     | 59    | 138   |
| 10:00 AM | 0               | 5    | 0    | 0      | 0     | 0     | 5     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 2               | 3    | 0    | 0      | 0     | 0     | 5     | 1         | 9    | 0    | 0      | 1     | 0     | 11    | 24    |
| 10:15 AM | 1               | 8    | 0    | 0      | 0     | 0     | 9     | 0         | 0    | 0    | 0      | 0     | 0     | 0     | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 4         | 14   | 0    | 0      | 1     | 1     | 16    | 29    |
| 10:30 AM | 0               | 7    | 0    | 0      | 0     | 0     | 7     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 0               | 2    | 1    | 0      | 0     | 0     | 3     | 1         | 4    | 1    | 0      | 0     | 0     | 6     | 20    |
| 10:45 AM | 0               | 3    | 1    | 0      | 0     | 0     | 4     | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 13   | 0    | 1      | 0     | 0     | 14    | 20    |
| Total    | 1               | 23   | 1    | 0      | 0     | 0     | 25    | 0         | 8    | 0    | 0      | 0     | 0     | 8     | 2               | 8    | 1    | 0      | 0     | 2     | 13    | 2         | 40   | 1    | 1      | 2     | 1     | 47    | 93    |
| 11:00 AM | 0               | 0    | 0    | 0      | 0     | 1     | 1     | 1         | 4    | 0    | 0      | 0     | 1     | 6     | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 6    | 0    | 0      | 0     | 0     | 7     | 16    |
| 11:15 AM | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 1         | 4    | 0    | 0      | 1     | 2     | 8     | 0               | 3    | 1    | 0      | 0     | 0     | 4     | 0         | 8    | 0    | 0      | 0     | 0     | 8     | 24    |
| 11:30 AM | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 1               | 0    | 0    | 0      | 0     | 0     | 1     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 10    |
| 11:45 AM | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 4    | 0    | 0      | 0     | 1     | 6     | 0               | 1    | 1    | 0      | 0     | 0     | 2     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 14    |
| Total    | 0               | 8    | 0    | 0      | 0     | 1     | 9     | 3         | 15   | 0    | 0      | 1     | 4     | 23    | 1               | 6    | 2    | 0      | 0     | 0     | 9     | 1         | 22   | 0    | 0      | 0     | 0     | 23    | 64    |
| 12:00 PM | 1               | 0    | 0    | 0      | 0     | 0     | 1     | 0         | 5    | 1    | 0      | 0     | 0     | 6     | 0               | 0    | 1    | 0      | 0     | 0     | 1     | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 9     |
| 12:15 PM | 0               | 5    | 0    | 0      | 0     | 0     | 5     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 1               | 1    | 0    | 0      | 0     | 0     | 2     | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 15    |
| 12:30 PM | 0               | 6    | 2    | 0      | 0     | 0     | 8     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0               | 8    | 0    | 0      | 0     | 0     | 8     | 1         | 7    | 0    | 0      | 0     | 1     | 9     | 27    |
| 12:45 PM | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 11   | 0    | 0      | 0     | 0     | 11    | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 1         | 5    | 0    | 0      | 0     | 0     | 6     | 20    |
| Total    | 1               | 13   | 2    | 0      | 0     | 0     | 16    | 0         | 21   | 1    | 0      | 0     | 0     | 22    | 1               | 10   | 1    | 0      | 0     | 0     | 12    | 2         | 18   | 0    | 0      | 0     | 1     | 21    | 71    |
| 1:00 PM  | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 11    |
| 1:15 PM  | 0               | 6    | 0    | 0      | 0     | 0     | 6     | 0         | 2    | 1    | 0      | 0     | 0     | 3     | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 8    | 0    | 0      | 0     | 0     | 8     | 19    |
| 1:30 PM  | 0               | 3    | 1    | 0      | 0     | 0     | 4     | 0         | 2    | 0    | 0      | 0     | 1     | 3     | 0               | 2    | 1    | 0      | 0     | 0     | 3     | 0         | 6    | 0    | 0      | 0     | 0     | 6     | 16    |
| 1:45 PM  | 1               | 2    | 0    | 0      | 0     | 1     | 4     | 1         | 2    | 0    | 0      | 1     | 0     | 4     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 3    | 1    | 0      | 0     | 1     | 5     | 14    |
| Total    | 1               | 12   | 1    | 0      | 0     | 1     | 15    | 1         | 11   | 1    | 0      | 1     | 1     | 15    | 0               | 6    | 1    | 0      | 0     | 0     | 7     | 0         | 21   | 1    | 0      | 0     | 1     | 23    | 60    |
| 2:00 PM  | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 1         | 10   | 0    | 0      | 0     | 1     | 12    | 0               | 5    | 0    | 0      | 0     | 1     | 6     | 1         | 4    | 0    | 0      | 0     | 0     | 5     | 26    |
| 2:15 PM  | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 2    | 0    | 0      | 1     | 0     | 4     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 3         | 6    | 0    | 0      | 1     | 1     | 11    | 18    |
| 2:30 PM  | 0               | 5    | 0    | 0      | 0     | 0     | 5     | 2         | 12   | 0    | 0      | 0     | 0     | 14    | 0               | 1    | 1    | 0      | 0     | 0     | 2     | 1         | 2    | 0    | 0      | 0     | 0     | 3     | 24    |
| 2:45 PM  | 0               | 3    | 1    | 0      | 0     | 0     | 4     | 1         | 5    | 0    | 0      | 1     | 0     | 7     | 0               | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 19    |
| Total    | 0               | 13   | 1    | 0      | 0     | 0     | 14    | 5         | 29   | 0    | 0      | 2     | 1     | 37    | 0               | 11   | 1    | 0      | 0     | 1     | 13    | 5         | 16   | 0    | 0      | 1     | 1     | 23    | 87    |
| 3:00 PM  | 1               | 0    | 0    | 0      | 1     | 0     | 2     | 1         | 5    | 0    | 0      | 0     | 0     | 6     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 2         | 4    | 0    | 0      | 0     | 0     | 6     | 15    |
| 3:15 PM  | 0               | 4    | 0    | 0      | 1     | 1     | 6     | 0         | 9    | 0    | 0      | 0     | 0     | 9     | 0               | 3    | 1    | 0      | 1     | 1     | 6     | 0         | 7    | 0    | 0      | 0     | 0     | 7     | 28    |
| 3:30 PM  | 1               | 3    | 0    | 0      | 3     | 0     | 7     | 2         | 5    | 1    | 0      | 0     | 0     | 8     | 0               | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 7    | 1    | 0      | 0     | 0     | 8     | 24    |
| 3:45 PM  | 0               | 0    | 0    | 0      | 0     | 0     | 0     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 0               | 5    | 0    | 0      | 1     | 0     | 6     | 0         | 1    | 0    | 0      | 1     | 0     | 2     | 11    |
| Total    | 2               | 7    | 0    | 0      | 5     | 1     | 15    | 3         | 22   | 1    | 0      | 0     | 0     | 26    | 0               | 10   | 1    | 0      | 2     | 1     | 14    | 2         | 19   | 1    | 0      | 1     | 0     | 23    | 78    |
| 4:00 PM  | 0               | 2    | 0    | 0      | 1     | 0     | 3     | 0         | 8    | 0    | 0      | 0     | 0     | 8     | 0               | 5    | 0    | 0      | 0     | 1     | 6     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 19    |
| 4:15 PM  | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 0         | 12   | 0    | 0      | 0     | 0     | 12    | 0               | 8    | 0    | 0      | 0     | 1     | 9     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 27    |
| 4:30 PM  | 0               | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 14   | 0    | 0      | 0     | 0     | 15    | 0               | 9    | 0    | 0      | 0     | 0     | 9     | 0         | 3    | 0    | 0      | 1     | 0     | 4     | 30    |
| 4:45 PM  | 0               | 3    | 0    | 0      | 0     | 2     | 5     | 2         | 22   | 0    | 0      | 0     | 0     | 24    | 0               | 9    | 0    | 0      | 1     | 0     | 10    | 0         | 5    | 0    | 0      | 0     | 1     | 6     | 45    |
| Total    | 0               | 10   | 0    | 0      | 1     | 2     | 13    | 3         | 56   | 0    | 0      | 0     | 0     | 59    | 0               | 31   | 0    | 0      | 1     | 2     | 34    | 0         | 13   | 0    | 0      | 1     | 1     | 15    | 121   |
| 5:00 PM  | 0               | 3    | 0    | 0      | 0     | 1     | 4     | 2         | 20   | 0    | 0      | 0     | 1     | 23    | 0               | 15   | 0    | 0      | 0     | 0     | 15    | 0         | 6    | 0    | 0      | 0     | 0     | 6     | 48    |
| 5:15 PM  | 0               | 3    | 0    | 0      | 0     | 0     | 3     | 1         | 30   | 0    | 0      | 0     | 0     | 31    | 0               | 12   | 0    | 0      | 0     | 3     | 15    | 3         | 3    | 1    | 0      | 0     | 0     | 7     | 56    |
| 5:30 PM  | 2               | 8    | 0    | 0      | 1     | 0     | 11    | 0         | 33   | 0    | 0      | 1     | 0     | 34    | 0               | 16   | 4    | 0      | 1     | 0     | 21    | 1         | 3    | 0    | 0      | 0     | 0     | 4     | 70    |
| 5:45 PM  | 0               | 5    | 1    | 0      | 1     | 3     | 10    | 3         | 25   | 1    | 0      | 0     | 1     | 30    | 1               | 14   | 0    | 0      | 1     | 0     | 16    | 1         | 6    | 1    | 0      | 0     | 1     | 9     | 65    |
| Total    | 2               | 19   | 1    | 0      | 2     | 4     | 28    | 6         | 108  | 1    | 0      | 1     | 2     | 118   | 1               | 57   | 4    | 0      | 2     | 3     | 67    | 5         | 18   | 2    | 0      | 0     | 1     | 26    | 239   |
| 6:00 PM  | 0               | 9    | 0    | 0      | 0     | 0     | 9     | 0         | 22   | 0    | 0      | 0     | 0     | 22    | 0               | 15   | 0    | 0      | 0     | 0     | 15    | 0         | 7    | 0    | 0      | 0     | 0     | 7     | 53    |
| 6:15 PM  | 1               | 8    | 0    | 0      | 0     | 1     | 10    | 1         | 18   | 0    | 0      | 2     | 0     | 21    | 1               | 16   | 0    | 0      | 1     | 0     | 18    | 1         | 5    | 0    | 0      | 0     | 0     | 6     | 55    |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Bicycles (on Roadway and Crosswalks)**

|                          | Columbia Street |             |            |            |            |            |             |            | Broadway    |            |            |            |            |             |            |             | Columbia Street |            |            |            |             |            |             |             | Broadway   |            |            |             |          |            |             |            | Total       |
|--------------------------|-----------------|-------------|------------|------------|------------|------------|-------------|------------|-------------|------------|------------|------------|------------|-------------|------------|-------------|-----------------|------------|------------|------------|-------------|------------|-------------|-------------|------------|------------|------------|-------------|----------|------------|-------------|------------|-------------|
|                          | from North      |             |            |            |            |            |             |            | from East   |            |            |            |            |             |            |             | from South      |            |            |            |             |            |             |             | from West  |            |            |             |          |            |             |            |             |
|                          | Right           | Thru        | Left       | U-Turn     | CW-EB      | CW-WB      | Total       |            | Right       | Thru       | Left       | U-Turn     | CW-SB      | CW-NB       | Total      |             | Right           | Thru       | Left       | U-Turn     | CW-WB       | CW-EB      | Total       |             | Right      | Thru       | Left       | U-Turn      | CW-NB    | CW-SB      | Total       |            |             |
| 6:30 PM                  | 0               | 4           | 0          | 0          | 0          | 0          | 4           | 2          | 29          | 0          | 0          | 1          | 0          | 32          |            | 0           | 6               | 0          | 0          | 0          | 0           | 1          | 7           | 1           | 7          | 0          | 0          | 0           | 0        | 0          | 8           | 51         |             |
| 6:45 PM                  | 0               | 4           | 1          | 0          | 1          | 0          | 6           | 4          | 6           | 0          | 0          | 0          | 0          | 10          |            | 0           | 7               | 1          | 0          | 1          | 1           | 1          | 10          | 0           | 7          | 0          | 0          | 0           | 0        | 0          | 7           | 33         |             |
| <b>Total</b>             | <b>1</b>        | <b>25</b>   | <b>1</b>   | <b>0</b>   | <b>1</b>   | <b>1</b>   | <b>29</b>   | <b>7</b>   | <b>75</b>   | <b>0</b>   | <b>0</b>   | <b>3</b>   | <b>0</b>   | <b>85</b>   |            | <b>1</b>    | <b>44</b>       | <b>1</b>   | <b>0</b>   | <b>2</b>   | <b>2</b>    | <b>2</b>   | <b>50</b>   | <b>2</b>    | <b>26</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>    | <b>0</b> | <b>0</b>   | <b>28</b>   | <b>192</b> |             |
| <b>Grand Total</b>       | <b>12</b>       | <b>267</b>  | <b>15</b>  | <b>0</b>   | <b>10</b>  | <b>15</b>  | <b>319</b>  | <b>31</b>  | <b>391</b>  | <b>7</b>   | <b>0</b>   | <b>10</b>  | <b>11</b>  | <b>450</b>  |            | <b>10</b>   | <b>232</b>      | <b>15</b>  | <b>0</b>   | <b>15</b>  | <b>12</b>   | <b>284</b> |             | <b>28</b>   | <b>402</b> | <b>7</b>   | <b>1</b>   | <b>6</b>    | <b>6</b> | <b>450</b> | <b>1503</b> |            |             |
| <b>Approach %</b>        | <b>3.8</b>      | <b>83.7</b> | <b>4.7</b> | <b>0.0</b> | <b>3.1</b> | <b>4.7</b> |             | <b>6.9</b> | <b>86.9</b> | <b>1.6</b> | <b>0.0</b> | <b>2.2</b> | <b>2.4</b> |             | <b>3.5</b> | <b>81.7</b> | <b>5.3</b>      | <b>0.0</b> | <b>5.3</b> | <b>4.2</b> |             |            | <b>6.2</b>  | <b>89.3</b> | <b>1.6</b> | <b>0.2</b> | <b>1.3</b> | <b>1.3</b>  |          |            |             |            |             |
| <b>Total %</b>           | <b>0.8</b>      | <b>17.8</b> | <b>1.0</b> | <b>0.0</b> | <b>0.7</b> | <b>1.0</b> | <b>21.2</b> | <b>2.1</b> | <b>26.0</b> | <b>0.5</b> | <b>0.0</b> | <b>0.7</b> | <b>0.7</b> | <b>29.9</b> | <b>0.7</b> | <b>15.4</b> | <b>1.0</b>      | <b>0.0</b> | <b>1.0</b> | <b>0.8</b> | <b>18.9</b> | <b>1.9</b> | <b>26.7</b> | <b>0.5</b>  | <b>0.1</b> | <b>0.4</b> | <b>0.4</b> | <b>29.9</b> |          |            |             |            |             |
| <b>Exiting Leg Total</b> |                 |             |            |            |            |            |             | <b>295</b> |             |            |            |            |            |             |            | <b>448</b>  |                 |            |            |            |             |            |             | <b>329</b>  |            |            |            |             |          |            |             | <b>431</b> | <b>1503</b> |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                         | Columbia Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |              |              |              | Columbia Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |            |            |            | Total      |
|-------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|
|                         | from North      |              |              |              |              |              |              |              | from East    |              |              |              |              |              |              |              | from South      |              |              |              |              |              |              |              | from West    |              |              |              |              |            |            |            |            |
|                         | Right           | Thru         | Left         | U-Turn       | CW-EB        | CW-WB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-SB        | CW-NB        | Total        |              | Right           | Thru         | Left         | U-Turn       | CW-WB        | CW-EB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-NB        | CW-SB      | Total      |            |            |
| 8:00 AM                 | 0               | 11           | 0            | 0            | 0            | 0            | 11           | 0            | 6            | 0            | 0            | 0            | 0            | 6            |              | 1            | 5               | 0            | 0            | 1            | 0            | 7            |              | 1            | 29           | 0            | 0            | 0            | 0            | 0          | 30         | 54         |            |
| 8:15 AM                 | 0               | 20           | 0            | 0            | 0            | 2            | 22           | 0            | 8            | 1            | 0            | 0            | 2            | 11           |              | 1            | 5               | 1            | 0            | 2            | 0            | 9            |              | 0            | 26           | 0            | 0            | 1            | 0            | 0          | 27         | 69         |            |
| 8:30 AM                 | 0               | 16           | 2            | 0            | 0            | 0            | 18           | 1            | 5            | 0            | 0            | 0            | 0            | 6            |              | 0            | 10              | 0            | 0            | 1            | 0            | 11           |              | 0            | 30           | 0            | 0            | 0            | 0            | 0          | 30         | 65         |            |
| 8:45 AM                 | 0               | 15           | 0            | 0            | 0            | 0            | 15           | 0            | 8            | 0            | 0            | 0            | 1            | 9            |              | 0            | 3               | 0            | 0            | 0            | 0            | 3            |              | 1            | 30           | 0            | 0            | 0            | 0            | 0          | 31         | 58         |            |
| <b>Total Volume</b>     | <b>0</b>        | <b>62</b>    | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>66</b>    | <b>1</b>     | <b>27</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>3</b>     | <b>32</b>    |              | <b>2</b>     | <b>23</b>       | <b>1</b>     | <b>0</b>     | <b>4</b>     | <b>0</b>     | <b>30</b>    |              | <b>2</b>     | <b>115</b>   | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>0</b>     | <b>118</b> | <b>246</b> |            |            |
| <b>% Approach Total</b> | <b>0.0</b>      | <b>93.9</b>  | <b>3.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>3.0</b>   |              | <b>3.1</b>   | <b>84.4</b>  | <b>3.1</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>9.4</b>   |              | <b>6.7</b>   | <b>76.7</b>  | <b>3.3</b>      | <b>0.0</b>   | <b>13.3</b>  | <b>0.0</b>   |              |              | <b>1.7</b>   | <b>97.5</b>  | <b>0.0</b>   | <b>0.0</b>   | <b>0.8</b>   | <b>0.0</b>   |              |            |            |            |            |
| <b>PHF</b>              | <b>0.000</b>    | <b>0.775</b> | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.750</b> | <b>0.250</b> | <b>0.844</b> | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.375</b> | <b>0.727</b> | <b>0.500</b> | <b>0.575</b> | <b>0.250</b>    | <b>0.000</b> | <b>0.500</b> | <b>0.000</b> | <b>0.682</b> | <b>0.500</b> | <b>0.958</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.000</b> | <b>0.952</b> | <b>0.891</b> |            |            |            |            |
| <b>Entering Leg</b>     | <b>0</b>        | <b>62</b>    | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>66</b>    | <b>1</b>     | <b>27</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>3</b>     | <b>32</b>    | <b>2</b>     | <b>23</b>    | <b>1</b>        | <b>0</b>     | <b>4</b>     | <b>0</b>     | <b>30</b>    | <b>2</b>     | <b>115</b>   | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>0</b>     | <b>118</b>   | <b>246</b>   |            |            |            |            |
| <b>Exiting Leg</b>      |                 |              |              |              |              |              |              | <b>26</b>    |              |              |              |              |              |              |              | <b>122</b>   |                 |              |              |              |              |              |              | <b>69</b>    |              |              |              |              |              |            |            | <b>29</b>  | <b>246</b> |
| <b>Total</b>            |                 |              |              |              |              |              |              | <b>92</b>    |              |              |              |              |              |              |              | <b>154</b>   |                 |              |              |              |              |              |              | <b>99</b>    |              |              |              |              |              |            |            | <b>147</b> | <b>492</b> |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                         | Columbia Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |          |              |              | Columbia Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |           |           |           | Total      |
|-------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|-----------|-----------|------------|
|                         | from North      |              |              |              |              |              |              |              | from East    |              |              |              |              |          |              |              | from South      |              |              |              |              |              |              |              | from West    |              |              |              |              |           |           |           |            |
|                         | Right           | Thru         | Left         | U-Turn       | CW-EB        | CW-WB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-SB        | CW-NB    | Total        |              | Right           | Thru         | Left         | U-Turn       | CW-WB        | CW-EB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-NB        | CW-SB     | Total     |           |            |
| 10:00 AM                | 0               | 5            | 0            | 0            | 0            | 0            | 5            | 0            | 3            | 0            | 0            | 0            | 0            | 3        |              | 2            | 3               | 0            | 0            | 0            | 0            | 5            |              | 1            | 9            | 0            | 0            | 1            | 0            | 11        | 24        |           |            |
| 10:15 AM                | 1               | 8            | 0            | 0            | 0            | 0            | 9            | 0            | 0            | 0            | 0            | 0            | 0            | 0        |              | 0            | 2               | 0            | 0            | 0            | 0            | 2            | 4            | 0            | 14           | 0            | 0            | 1            | 1            | 16        | 29        |           |            |
| 10:30 AM                | 0               | 7            | 0            | 0            | 0            | 0            | 7            | 0            | 4            | 0            | 0            | 0            | 0            | 4        |              | 0            | 2               | 1            | 0            | 0            | 0            | 3            |              | 1            | 4            | 1            | 0            | 0            | 0            | 6         | 20        |           |            |
| 10:45 AM                | 0               | 3            | 1            | 0            | 0            | 0            | 4            | 0            | 1            | 0            | 0            | 0            | 0            | 1        |              | 0            | 1               | 0            | 0            | 0            | 0            | 1            |              | 0            | 13           | 0            | 1            | 0            | 0            | 14        | 20        |           |            |
| <b>Total Volume</b>     | <b>1</b>        | <b>23</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>25</b>    | <b>0</b>     | <b>8</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>8</b> |              | <b>2</b>     | <b>8</b>        | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>13</b>    |              | <b>2</b>     | <b>40</b>    | <b>1</b>     | <b>1</b>     | <b>2</b>     | <b>1</b>     | <b>47</b> | <b>93</b> |           |            |
| <b>% Approach Total</b> | <b>4.0</b>      | <b>92.0</b>  | <b>4.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>   | <b>100.0</b> | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |          | <b>15.4</b>  | <b>61.5</b>  | <b>7.7</b>      | <b>0.0</b>   | <b>0.0</b>   | <b>15.4</b>  |              |              | <b>4.3</b>   | <b>85.1</b>  | <b>2.1</b>   | <b>2.1</b>   | <b>4.3</b>   | <b>2.1</b>   |              |           |           |           |            |
| <b>PHF</b>              | <b>0.250</b>    | <b>0.719</b> | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.694</b> | <b>0.000</b> | <b>0.500</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.500</b> |          | <b>0.250</b> | <b>0.667</b> | <b>0.250</b>    | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.650</b> | <b>0.500</b> | <b>0.714</b> | <b>0.250</b> | <b>0.250</b> | <b>0.500</b> | <b>0.250</b> | <b>0.734</b> | <b>0.802</b> |           |           |           |            |
| <b>Entering Leg</b>     | <b>1</b>        | <b>23</b>    | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>25</b>    | <b>0</b>     | <b>8</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>8</b> | <b>2</b>     | <b>8</b>     | <b>1</b>        | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>13</b>    | <b>2</b>     | <b>40</b>    | <b>1</b>     | <b>1</b>     | <b>2</b>     | <b>1</b>     | <b>47</b>    | <b>93</b>    |           |           |           |            |
| <b>Exiting Leg</b>      |                 |              |              |              |              |              |              | <b>9</b>     |              |              |              |              |              |          |              | <b>43</b>    |                 |              |              |              |              |              |              | <b>27</b>    |              |              |              |              |              |           |           | <b>14</b> | <b>93</b>  |
| <b>Total</b>            |                 |              |              |              |              |              |              | <b>34</b>    |              |              |              |              |              |          |              | <b>51</b>    |                 |              |              |              |              |              |              | <b>40</b>    |              |              |              |              |              |           |           | <b>61</b> | <b>186</b> |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                         | Columbia Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |              |              |              | Columbia Street |              |              |              |              |              |              |              | Broadway     |              |              |              |              |           |            |            | Total      |
|-------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|------------|------------|------------|
|                         | from North      |              |              |              |              |              |              |              | from East    |              |              |              |              |              |              |              | from South      |              |              |              |              |              |              |              | from West    |              |              |              |              |           |            |            |            |
|                         | Right           | Thru         | Left         | U-Turn       | CW-EB        | CW-WB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-SB        | CW-NB        | Total        |              | Right           | Thru         | Left         | U-Turn       | CW-WB        | CW-EB        | Total        |              | Right        | Thru         | Left         | U-Turn       | CW-NB        | CW-SB     | Total      |            |            |
| 5:15 PM                 | 0               | 3            | 0            | 0            | 0            | 0            | 3            | 1            | 30           | 0            | 0            | 0            | 0            | 31           |              | 0            | 12              | 0            | 0            | 0            | 0            | 3            | 15           | 3            | 3            | 1            | 0            | 0            | 0            | 7         | 56         |            |            |
| 5:30 PM                 | 2               | 8            | 0            | 0            | 1            | 0            | 11           | 0            | 33           | 0            | 0            | 1            | 0            | 34           |              | 0            | 16              | 4            | 0            | 1            | 0            | 21           |              | 1            | 3            | 0            | 0            | 0            | 0            | 4         | 70         |            |            |
| 5:45 PM                 | 0               | 5            | 1            | 0            | 1            | 3            | 10           | 3            | 25           | 1            | 0            | 0            | 1            | 30           |              | 1            | 14              | 0            | 0            | 1            | 0            | 16           |              | 1            | 6            | 1            | 0            | 0            | 0            | 1         | 9          |            |            |
| 6:00 PM                 | 0               | 9            | 0            | 0            | 0            | 0            | 9            | 0            | 22           | 0            | 0            | 0            | 0            | 22           |              | 0            | 15              | 0            | 0            | 0            | 0            | 15           |              | 0            | 7            | 0            | 0            | 0            | 0            | 7         | 53         |            |            |
| <b>Total Volume</b>     | <b>2</b>        | <b>25</b>    | <b>1</b>     | <b>0</b>     | <b>2</b>     | <b>3</b>     | <b>33</b>    | <b>4</b>     | <b>110</b>   | <b>1</b>     | <b>0</b>     | <b>1</b>     | <b>1</b>     | <b>117</b>   |              | <b>1</b>     | <b>57</b>       | <b>4</b>     | <b>0</b>     | <b>2</b>     | <b>3</b>     | <b>67</b>    |              | <b>5</b>     | <b>19</b>    | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>27</b> | <b>244</b> |            |            |
| <b>% Approach Total</b> | <b>6.1</b>      | <b>75.8</b>  | <b>3.0</b>   | <b>0.0</b>   | <b>6.1</b>   | <b>9.1</b>   |              | <b>3.4</b>   | <b>94.0</b>  | <b>0.9</b>   | <b>0.0</b>   | <b>0.9</b>   | <b>0.9</b>   |              | <b>1.5</b>   | <b>85.1</b>  | <b>6.0</b>      | <b>0.0</b>   | <b>3.0</b>   | <b>4.5</b>   |              |              | <b>18.5</b>  | <b>70.4</b>  | <b>7.4</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>3.7</b>   |              |           |            |            |            |
| <b>PHF</b>              | <b>0.250</b>    | <b>0.694</b> | <b>0.250</b> | <b>0.000</b> | <b>0.500</b> | <b>0.250</b> | <b>0.750</b> | <b>0.333</b> | <b>0.833</b> | <b>0.250</b> | <b>0.000</b> | <b>0.250</b> | <b>0.250</b> | <b>0.860</b> | <b>0.250</b> | <b>0.891</b> | <b>0.250</b>    | <b>0.000</b> | <b>0.500</b> | <b>0.250</b> | <b>0.798</b> | <b>0.417</b> | <b>0.679</b> | <b>0.500</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.750</b> | <b>0.871</b> |           |            |            |            |
| <b>Entering Leg</b>     | <b>2</b>        | <b>25</b>    | <b>1</b>     | <b>0</b>     | <b>2</b>     | <b>3</b>     | <b>33</b>    | <b>4</b>     | <b>110</b>   | <b>1</b>     | <b>0</b>     | <b>1</b>     | <b>1</b>     | <b>117</b>   | <b>1</b>     | <b>57</b>    | <b>4</b>        | <b>0</b>     | <b>2</b>     | <b>3</b>     | <b>67</b>    | <b>5</b>     | <b>19</b>    | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>27</b>    | <b>244</b>   |           |            |            |            |
| <b>Exiting Leg</b>      |                 |              |              |              |              |              |              | <b>68</b>    |              |              |              |              |              |              |              | <b>23</b>    |                 |              |              |              |              |              |              | <b>36</b>    |              |              |              |              |              |           |            | <b>117</b> | <b>244</b> |
| <b>Total</b>            |                 |              |              |              |              |              |              | <b>101</b>   |              |              |              |              |              |              |              | <b>140</b>   |                 |              |              |              |              |              |              | <b>103</b>   |              |              |              |              |              |           |            | <b>144</b> | <b>488</b> |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Pedestrians**

|          | Columbia Street |      |      |        |       |       |       |  | Broadway  |      |      |        |       |       |       |  | Columbia Street |      |      |        |       |       |       |  | Broadway  |      |      |        |       |       |       |  | Total |
|----------|-----------------|------|------|--------|-------|-------|-------|--|-----------|------|------|--------|-------|-------|-------|--|-----------------|------|------|--------|-------|-------|-------|--|-----------|------|------|--------|-------|-------|-------|--|-------|
|          | from North      |      |      |        |       |       |       |  | from East |      |      |        |       |       |       |  | from South      |      |      |        |       |       |       |  | from West |      |      |        |       |       |       |  |       |
|          | Right           | Thru | Left | U-Turn | CW-EB | CW-WB | Total |  | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total |  | Right           | Thru | Left | U-Turn | CW-WB | CW-EB | Total |  | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |  |       |
| 7:00 AM  | 0               | 0    | 0    | 0      | 1     | 2     | 3     |  | 0         | 0    | 0    | 0      | 3     | 3     | 6     |  | 0               | 0    | 0    | 0      | 3     | 6     | 9     |  | 0         | 0    | 0    | 0      | 1     | 1     | 2     |  | 20    |
| 7:15 AM  | 0               | 0    | 0    | 0      | 5     | 5     | 10    |  | 0         | 0    | 0    | 0      | 4     | 3     | 7     |  | 0               | 0    | 0    | 0      | 1     | 7     | 8     |  | 0         | 0    | 0    | 0      | 1     | 4     | 5     |  | 30    |
| 7:30 AM  | 0               | 0    | 0    | 0      | 11    | 5     | 16    |  | 0         | 0    | 0    | 0      | 6     | 3     | 9     |  | 0               | 0    | 0    | 0      | 9     | 8     | 17    |  | 0         | 0    | 0    | 0      | 6     | 4     | 10    |  | 52    |
| 7:45 AM  | 0               | 0    | 0    | 0      | 15    | 6     | 21    |  | 0         | 0    | 0    | 0      | 6     | 3     | 9     |  | 0               | 0    | 0    | 0      | 11    | 10    | 21    |  | 0         | 0    | 0    | 0      | 5     | 6     | 11    |  | 62    |
| Total    | 0               | 0    | 0    | 0      | 32    | 18    | 50    |  | 0         | 0    | 0    | 0      | 19    | 12    | 31    |  | 0               | 0    | 0    | 0      | 24    | 31    | 55    |  | 0         | 0    | 0    | 0      | 13    | 15    | 28    |  | 164   |
| 8:00 AM  | 0               | 0    | 0    | 0      | 8     | 9     | 17    |  | 0         | 0    | 0    | 0      | 6     | 6     | 12    |  | 0               | 0    | 0    | 0      | 13    | 17    | 30    |  | 0         | 0    | 0    | 0      | 6     | 5     | 11    |  | 70    |
| 8:15 AM  | 0               | 0    | 0    | 0      | 10    | 8     | 18    |  | 0         | 0    | 0    | 0      | 5     | 3     | 8     |  | 0               | 0    | 0    | 0      | 13    | 12    | 25    |  | 0         | 0    | 0    | 0      | 11    | 9     | 20    |  | 71    |
| 8:30 AM  | 0               | 0    | 0    | 0      | 10    | 4     | 14    |  | 0         | 0    | 0    | 0      | 2     | 3     | 5     |  | 0               | 0    | 0    | 0      | 6     | 15    | 21    |  | 0         | 0    | 0    | 0      | 3     | 8     | 11    |  | 51    |
| 8:45 AM  | 0               | 0    | 0    | 0      | 13    | 1     | 14    |  | 0         | 0    | 0    | 0      | 9     | 4     | 13    |  | 0               | 0    | 0    | 0      | 10    | 17    | 27    |  | 0         | 0    | 0    | 0      | 4     | 5     | 9     |  | 63    |
| Total    | 0               | 0    | 0    | 0      | 41    | 22    | 63    |  | 0         | 0    | 0    | 0      | 22    | 16    | 38    |  | 0               | 0    | 0    | 0      | 42    | 61    | 103   |  | 0         | 0    | 0    | 0      | 24    | 27    | 51    |  | 255   |
| 9:00 AM  | 0               | 0    | 0    | 0      | 8     | 1     | 9     |  | 0         | 0    | 0    | 0      | 5     | 4     | 9     |  | 0               | 0    | 0    | 0      | 4     | 13    | 17    |  | 0         | 0    | 0    | 0      | 5     | 2     | 7     |  | 42    |
| 9:15 AM  | 0               | 0    | 0    | 0      | 12    | 6     | 18    |  | 0         | 0    | 0    | 0      | 3     | 1     | 4     |  | 0               | 0    | 0    | 0      | 3     | 12    | 15    |  | 0         | 0    | 0    | 0      | 0     | 1     | 1     |  | 38    |
| 9:30 AM  | 0               | 0    | 0    | 0      | 5     | 3     | 8     |  | 0         | 0    | 0    | 0      | 3     | 2     | 5     |  | 0               | 0    | 0    | 0      | 5     | 8     | 13    |  | 0         | 0    | 0    | 0      | 0     | 1     | 1     |  | 27    |
| 9:45 AM  | 0               | 0    | 0    | 0      | 7     | 7     | 14    |  | 0         | 0    | 0    | 0      | 1     | 3     | 4     |  | 0               | 0    | 0    | 0      | 5     | 12    | 17    |  | 0         | 0    | 0    | 0      | 1     | 0     | 1     |  | 36    |
| Total    | 0               | 0    | 0    | 0      | 32    | 17    | 49    |  | 0         | 0    | 0    | 0      | 12    | 10    | 22    |  | 0               | 0    | 0    | 0      | 17    | 45    | 62    |  | 0         | 0    | 0    | 0      | 6     | 4     | 10    |  | 143   |
| 10:00 AM | 0               | 0    | 0    | 0      | 5     | 6     | 11    |  | 0         | 0    | 0    | 0      | 2     | 2     | 4     |  | 0               | 0    | 0    | 0      | 6     | 10    | 16    |  | 0         | 0    | 0    | 0      | 3     | 5     | 8     |  | 39    |
| 10:15 AM | 0               | 0    | 0    | 0      | 6     | 5     | 11    |  | 0         | 0    | 0    | 0      | 3     | 0     | 3     |  | 0               | 0    | 0    | 0      | 8     | 5     | 13    |  | 0         | 0    | 0    | 0      | 2     | 1     | 3     |  | 30    |
| 10:30 AM | 0               | 0    | 0    | 0      | 3     | 1     | 4     |  | 0         | 0    | 0    | 0      | 2     | 1     | 3     |  | 0               | 0    | 0    | 0      | 2     | 8     | 10    |  | 0         | 0    | 0    | 0      | 3     | 2     | 5     |  | 22    |
| 10:45 AM | 0               | 0    | 0    | 0      | 2     | 3     | 5     |  | 0         | 0    | 0    | 0      | 2     | 3     | 5     |  | 0               | 0    | 0    | 0      | 4     | 11    | 15    |  | 0         | 0    | 0    | 0      | 4     | 4     | 8     |  | 33    |
| Total    | 0               | 0    | 0    | 0      | 16    | 15    | 31    |  | 0         | 0    | 0    | 0      | 9     | 6     | 15    |  | 0               | 0    | 0    | 0      | 20    | 34    | 54    |  | 0         | 0    | 0    | 0      | 12    | 12    | 24    |  | 124   |
| 11:00 AM | 0               | 0    | 0    | 0      | 1     | 1     | 2     |  | 0         | 0    | 0    | 0      | 4     | 0     | 4     |  | 0               | 0    | 0    | 0      | 7     | 3     | 10    |  | 0         | 0    | 0    | 0      | 2     | 5     | 7     |  | 23    |
| 11:15 AM | 0               | 0    | 0    | 0      | 1     | 3     | 4     |  | 0         | 0    | 0    | 0      | 1     | 3     | 4     |  | 0               | 0    | 0    | 0      | 6     | 4     | 10    |  | 0         | 0    | 0    | 0      | 2     | 3     | 5     |  | 23    |
| 11:30 AM | 0               | 0    | 0    | 0      | 1     | 1     | 2     |  | 0         | 0    | 0    | 0      | 1     | 0     | 1     |  | 0               | 0    | 0    | 0      | 12    | 14    | 26    |  | 0         | 0    | 0    | 0      | 2     | 2     | 4     |  | 33    |
| 11:45 AM | 0               | 0    | 0    | 0      | 1     | 3     | 4     |  | 0         | 0    | 0    | 0      | 9     | 3     | 12    |  | 0               | 0    | 0    | 0      | 6     | 10    | 16    |  | 0         | 0    | 0    | 0      | 1     | 3     | 4     |  | 36    |
| Total    | 0               | 0    | 0    | 0      | 4     | 8     | 12    |  | 0         | 0    | 0    | 0      | 15    | 6     | 21    |  | 0               | 0    | 0    | 0      | 31    | 31    | 62    |  | 0         | 0    | 0    | 0      | 7     | 13    | 20    |  | 115   |
| 12:00 PM | 0               | 0    | 0    | 0      | 1     | 2     | 3     |  | 0         | 0    | 0    | 0      | 3     | 2     | 5     |  | 0               | 0    | 0    | 0      | 7     | 9     | 16    |  | 0         | 0    | 0    | 0      | 3     | 2     | 5     |  | 29    |
| 12:15 PM | 0               | 0    | 0    | 0      | 3     | 2     | 5     |  | 0         | 0    | 0    | 0      | 5     | 6     | 11    |  | 0               | 0    | 0    | 0      | 12    | 10    | 22    |  | 0         | 0    | 0    | 0      | 4     | 2     | 6     |  | 44    |
| 12:30 PM | 0               | 0    | 0    | 0      | 3     | 2     | 5     |  | 0         | 0    | 0    | 0      | 0     | 3     | 3     |  | 0               | 0    | 0    | 0      | 12    | 10    | 22    |  | 0         | 0    | 0    | 0      | 5     | 2     | 7     |  | 37    |
| 12:45 PM | 0               | 0    | 0    | 0      | 2     | 2     | 4     |  | 0         | 0    | 0    | 0      | 4     | 3     | 7     |  | 0               | 0    | 0    | 0      | 18    | 7     | 25    |  | 0         | 0    | 0    | 0      | 3     | 2     | 5     |  | 41    |
| Total    | 0               | 0    | 0    | 0      | 9     | 8     | 17    |  | 0         | 0    | 0    | 0      | 12    | 14    | 26    |  | 0               | 0    | 0    | 0      | 49    | 36    | 85    |  | 0         | 0    | 0    | 0      | 15    | 8     | 23    |  | 151   |
| 1:00 PM  | 0               | 0    | 0    | 0      | 0     | 4     | 4     |  | 0         | 0    | 0    | 0      | 7     | 3     | 10    |  | 0               | 0    | 0    | 0      | 7     | 8     | 15    |  | 0         | 0    | 0    | 0      | 5     | 3     | 8     |  | 37    |
| 1:15 PM  | 0               | 0    | 0    | 0      | 1     | 2     | 3     |  | 0         | 0    | 0    | 0      | 8     | 1     | 9     |  | 0               | 0    | 0    | 0      | 7     | 5     | 12    |  | 0         | 0    | 0    | 0      | 3     | 3     | 6     |  | 30    |
| 1:30 PM  | 0               | 0    | 0    | 0      | 3     | 2     | 5     |  | 0         | 0    | 0    | 0      | 5     | 2     | 7     |  | 0               | 0    | 0    | 0      | 12    | 9     | 21    |  | 0         | 0    | 0    | 0      | 0     | 2     | 2     |  | 35    |
| 1:45 PM  | 0               | 0    | 0    | 0      | 6     | 3     | 9     |  | 0         | 0    | 0    | 0      | 2     | 3     | 5     |  | 0               | 0    | 0    | 0      | 15    | 11    | 26    |  | 0         | 0    | 0    | 0      | 5     | 2     | 7     |  | 47    |
| Total    | 0               | 0    | 0    | 0      | 10    | 11    | 21    |  | 0         | 0    | 0    | 0      | 22    | 9     | 31    |  | 0               | 0    | 0    | 0      | 41    | 33    | 74    |  | 0         | 0    | 0    | 0      | 13    | 10    | 23    |  | 149   |
| 2:00 PM  | 0               | 0    | 0    | 0      | 5     | 2     | 7     |  | 0         | 0    | 0    | 0      | 3     | 2     | 5     |  | 0               | 0    | 0    | 0      | 3     | 8     | 11    |  | 0         | 0    | 0    | 0      | 4     | 5     | 9     |  | 32    |
| 2:15 PM  | 0               | 0    | 0    | 0      | 3     | 2     | 5     |  | 0         | 0    | 0    | 0      | 6     | 4     | 10    |  | 0               | 0    | 0    | 0      | 7     | 3     | 10    |  | 0         | 0    | 0    | 0      | 4     | 3     | 7     |  | 32    |
| 2:30 PM  | 0               | 0    | 0    | 0      | 3     | 3     | 6     |  | 0         | 0    | 0    | 0      | 3     | 9     | 12    |  | 0               | 0    | 0    | 0      | 11    | 11    | 22    |  | 0         | 0    | 0    | 0      | 3     | 2     | 5     |  | 45    |
| 2:45 PM  | 0               | 0    | 0    | 0      | 2     | 1     | 3     |  | 0         | 0    | 0    | 0      | 4     | 3     | 7     |  | 0               | 0    | 0    | 0      | 11    | 11    | 22    |  | 0         | 0    | 0    | 0      | 3     | 5     | 8     |  | 40    |
| Total    | 0               | 0    | 0    | 0      | 13    | 8     | 21    |  | 0         | 0    | 0    | 0      | 16    | 18    | 34    |  | 0               | 0    | 0    | 0      | 32    | 33    | 65    |  | 0         | 0    | 0    | 0      | 14    | 15    | 29    |  | 149   |
| 3:00 PM  | 0               | 0    | 0    | 0      | 3     | 2     | 5     |  | 0         | 0    | 0    | 0      | 2     | 1     | 3     |  | 0               | 0    | 0    | 0      | 6     | 5     | 11    |  | 0         | 0    | 0    | 0      | 2     | 2     | 4     |  | 23    |
| 3:15 PM  | 0               | 0    | 0    | 0      | 2     | 2     | 4     |  | 0         | 0    | 0    | 0      | 2     | 0     | 2     |  | 0               | 0    | 0    | 0      | 4     | 15    | 19    |  | 0         | 0    | 0    | 0      | 3     | 1     | 4     |  | 29    |
| 3:30 PM  | 0               | 0    | 0    | 0      | 2     | 3     | 5     |  | 0         | 0    | 0    | 0      | 3     | 7     | 10    |  | 0               | 0    | 0    | 0      | 8     | 11    | 19    |  | 0         | 0    | 0    | 0      | 8     | 7     | 15    |  | 49    |
| 3:45 PM  | 0               | 0    | 0    | 0      | 4     | 6     | 10    |  | 0         | 0    | 0    | 0      | 7     | 3     | 10    |  | 0               | 0    | 0    | 0      | 18    | 18    | 36    |  | 0         | 0    | 0    | 0      | 4     | 5     | 9     |  | 65    |
| Total    | 0               | 0    | 0    | 0      | 11    | 13    | 24    |  | 0         | 0    | 0    | 0      | 14    | 11    | 25    |  | 0               | 0    | 0    | 0      | 36    | 49    | 85    |  | 0         | 0    | 0    | 0      | 17    | 15    | 32    |  | 166   |
| 4:00 PM  | 0               | 0    | 0    | 0      | 10    | 2     | 12    |  | 0         | 0    | 0    | 0      | 4     | 4     | 8     |  | 0               | 0    | 0    | 0      | 14    | 8     | 22    |  | 0         | 0    | 0    | 0      | 3     | 3     | 6     |  | 48    |
| 4:15 PM  | 0               | 0    | 0    | 0      | 6     | 4     | 10    |  | 0         | 0    | 0    | 0      | 7     | 6     | 13    |  | 0               | 0    | 0    | 0      | 11    | 7     | 18    |  | 0         | 0    | 0    | 0      | 6     | 7     | 13    |  | 54    |
| 4:30 PM  | 0               | 0    | 0    | 0      | 2     | 8     | 10    |  | 0         | 0    | 0    | 0      | 0     | 9     | 9     |  | 0               | 0    | 0    | 0      | 10    | 7     | 17    |  | 0         | 0    | 0    | 0      | 5     | 3     | 8     |  | 44    |
| 4:45 PM  | 0               | 0    | 0    | 0      | 7     | 6     | 13    |  | 0         | 0    | 0    | 0      | 6     | 5     | 11    |  | 0               | 0    | 0    | 0      | 15    | 15    | 30    |  | 0         | 0    | 0    | 0      | 8     | 6     | 14    |  | 68    |
| Total    | 0               | 0    | 0    | 0      | 25    | 20    | 45    |  | 0         | 0    | 0    | 0      | 17    | 24    | 41    |  | 0               | 0    | 0    | 0      | 50    | 37    | 87    |  | 0         | 0    | 0    | 0      | 22    | 19    | 41    |  | 214   |
| 5:00 PM  | 0               | 0    | 0    | 0      | 5     | 6     | 11    |  | 0         | 0    | 0    | 0      | 2     | 8     | 10    |  | 0               | 0    | 0    | 0      | 17    | 7     | 24    |  | 0         | 0    | 0    | 0      | 6     | 8     | 14    |  | 59    |
| 5:15 PM  | 0               | 0    | 0    | 0      | 7     | 14    | 21    |  | 0         | 0    | 0    | 0      | 8     | 15    | 23    |  | 0               | 0    | 0    | 0      | 14    | 13    | 27    |  | 0         | 0    | 0    | 0      | 10    | 4     | 14    |  | 85    |
| 5:30 PM  | 0               | 0    | 0    | 0      | 8     | 11    | 19    |  | 0         | 0    | 0    | 0      | 2     | 9     | 11    |  | 0               | 0    | 0    | 0      | 23    | 12    | 35    |  | 0         | 0    | 0    | 0      | 10    | 5     | 15    |  | 80    |
| 5:45 PM  | 0               | 0    | 0    | 0      | 13    | 18    | 31    |  | 0         | 0    | 0    | 0      | 5     | 15    | 20    |  | 0               | 0    | 0    | 0      | 19    | 14    | 33    |  | 0         | 0    | 0    | 0      | 15    | 17    | 32    |  | 116   |
| Total    | 0               | 0    | 0    | 0      | 33    | 49    | 82    |  | 0         | 0    | 0    | 0      | 17    | 47    | 64    |  | 0               | 0    | 0    | 0      | 73    | 46    | 119   |  | 0         | 0    | 0    | 0      | 41    | 34    | 75    |  | 340   |
| 6:00 PM  | 0               | 0    | 0    | 0      | 3     | 13    | 16    |  | 0         | 0    | 0    | 0      |       |       |       |  |                 |      |      |        |       |       |       |  |           |      |      |        |       |       |       |  |       |

PDI File #: **240156 F**  
 Location: **N: Columbia Street S: Columbia Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Pedestrians**

|                          | Columbia Street |      |      |        |       |       |       |     | Broadway  |      |      |        |       |       |       |   | Columbia Street |      |      |        |       |       |       |   | Broadway  |      |      |        |       |       |       |  | Total |
|--------------------------|-----------------|------|------|--------|-------|-------|-------|-----|-----------|------|------|--------|-------|-------|-------|---|-----------------|------|------|--------|-------|-------|-------|---|-----------|------|------|--------|-------|-------|-------|--|-------|
|                          | from North      |      |      |        |       |       |       |     | from East |      |      |        |       |       |       |   | from South      |      |      |        |       |       |       |   | from West |      |      |        |       |       |       |  |       |
|                          | Right           | Thru | Left | U-Turn | CW-EB | CW-WB | Total |     | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total |   | Right           | Thru | Left | U-Turn | CW-WB | CW-EB | Total |   | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |  |       |
| 6:30 PM                  | 0               | 0    | 0    | 0      | 5     | 9     | 14    | 0   | 0         | 0    | 0    | 5      | 4     | 9     | 0     | 0 | 0               | 0    | 20   | 12     | 32    | 0     | 0     | 0 | 0         | 6    | 13   | 19     | 74    |       |       |  |       |
| 6:45 PM                  | 0               | 0    | 0    | 0      | 6     | 5     | 11    | 0   | 0         | 0    | 0    | 4      | 11    | 15    | 0     | 0 | 0               | 0    | 17   | 18     | 35    | 0     | 0     | 0 | 0         | 10   | 16   | 26     | 87    |       |       |  |       |
| <b>Total</b>             | 0               | 0    | 0    | 0      | 20    | 31    | 51    | 0   | 0         | 0    | 0    | 17     | 36    | 53    | 0     | 0 | 0               | 0    | 80   | 54     | 134   | 0     | 0     | 0 | 0         | 31   | 47   | 78     | 316   |       |       |  |       |
| <b>Grand Total</b>       | 0               | 0    | 0    | 0      | 246   | 220   | 466   | 0   | 0         | 0    | 0    | 192    | 209   | 401   | 0     | 0 | 0               | 0    | 495  | 490    | 985   | 0     | 0     | 0 | 0         | 215  | 219  | 434    | 2286  |       |       |  |       |
| <b>Approach %</b>        | 0               | 0    | 0    | 0      | 52.8  | 47.2  |       | 0   | 0         | 0    | 0    | 47.9   | 52.1  |       | 0     | 0 | 0               | 0    | 50.3 | 49.7   |       | 0     | 0     | 0 | 0         | 49.5 | 50.5 |        |       |       |       |  |       |
| <b>Total %</b>           | 0               | 0    | 0    | 0      | 10.8  | 9.62  | 20.4  | 0   | 0         | 0    | 0    | 8.4    | 9.14  | 17.5  | 0     | 0 | 0               | 0    | 21.7 | 21.4   | 43.1  | 0     | 0     | 0 | 0         | 9.41 | 9.58 | 19     |       |       |       |  |       |
| <b>Exiting Leg Total</b> | 466             |      |      |        |       |       |       | 401 |           |      |      |        |       |       | 985   |   |                 |      |      |        |       | 434   |       |   |           |      |      |        | 2286  |       |       |  |       |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                         | Columbia Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Columbia Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North      |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South      |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right           | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right           | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 7:30 AM                 | 0               | 0     | 0     | 0      | 11    | 5     | 16    | 0     | 0         | 0     | 0     | 6      | 3     | 9     | 0     | 0     | 0               | 0     | 9     | 8      | 17    | 0     | 0     | 0     | 0         | 6     | 4     | 10     | 52    |       |       |  |       |
| 7:45 AM                 | 0               | 0     | 0     | 0      | 15    | 6     | 21    | 0     | 0         | 0     | 0     | 6      | 3     | 9     | 0     | 0     | 0               | 0     | 11    | 10     | 21    | 0     | 0     | 0     | 0         | 5     | 6     | 11     | 62    |       |       |  |       |
| 8:00 AM                 | 0               | 0     | 0     | 0      | 8     | 9     | 17    | 0     | 0         | 0     | 0     | 6      | 6     | 12    | 0     | 0     | 0               | 0     | 13    | 17     | 30    | 0     | 0     | 0     | 0         | 6     | 5     | 11     | 70    |       |       |  |       |
| 8:15 AM                 | 0               | 0     | 0     | 0      | 10    | 8     | 18    | 0     | 0         | 0     | 0     | 5      | 3     | 8     | 0     | 0     | 0               | 0     | 13    | 12     | 25    | 0     | 0     | 0     | 0         | 11    | 9     | 20     | 71    |       |       |  |       |
| <b>Total Volume</b>     | 0               | 0     | 0     | 0      | 44    | 28    | 72    | 0     | 0         | 0     | 0     | 23     | 15    | 38    | 0     | 0     | 0               | 0     | 46    | 47     | 93    | 0     | 0     | 0     | 0         | 28    | 24    | 52     | 255   |       |       |  |       |
| <b>% Approach Total</b> | 0.0             | 0.0   | 0.0   | 0.0    | 61.1  | 38.9  |       | 0.0   | 0.0       | 0.0   | 0.0   | 60.5   | 39.5  |       | 0.0   | 0.0   | 0.0             | 0.0   | 49.5  | 50.5   |       | 0.0   | 0.0   | 0.0   | 0.0       | 53.8  | 46.2  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000           | 0.000 | 0.000 | 0.000  | 0.733 | 0.778 | 0.857 | 0.000 | 0.000     | 0.000 | 0.000 | 0.958  | 0.625 | 0.792 | 0.000 | 0.000 | 0.000           | 0.000 | 0.885 | 0.691  | 0.775 | 0.000 | 0.000 | 0.000 | 0.000     | 0.636 | 0.667 | 0.650  | 0.898 |       |       |  |       |
| <b>Entering Leg</b>     | 0               | 0     | 0     | 0      | 44    | 28    | 72    | 0     | 0         | 0     | 0     | 23     | 15    | 38    | 0     | 0     | 0               | 0     | 46    | 47     | 93    | 0     | 0     | 0     | 0         | 28    | 24    | 52     | 255   |       |       |  |       |
| <b>Exiting Leg</b>      | 72              |       |       |        |       |       |       | 38    |           |       |       |        |       |       | 93    |       |                 |       |       |        |       | 52    |       |       |           |       |       |        | 255   |       |       |  |       |
| <b>Total</b>            | 144             |       |       |        |       |       |       | 76    |           |       |       |        |       |       | 186   |       |                 |       |       |        |       | 104   |       |       |           |       |       |        | 510   |       |       |  |       |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                         | Columbia Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Columbia Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North      |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South      |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right           | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right           | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 12:15 PM                | 0               | 0     | 0     | 0      | 3     | 2     | 5     | 0     | 0         | 0     | 0     | 5      | 6     | 11    | 0     | 0     | 0               | 0     | 12    | 10     | 22    | 0     | 0     | 0     | 0         | 4     | 2     | 6      | 44    |       |       |  |       |
| 12:30 PM                | 0               | 0     | 0     | 0      | 3     | 2     | 5     | 0     | 0         | 0     | 0     | 0      | 3     | 3     | 0     | 0     | 0               | 0     | 12    | 10     | 22    | 0     | 0     | 0     | 0         | 5     | 2     | 7      | 37    |       |       |  |       |
| 12:45 PM                | 0               | 0     | 0     | 0      | 2     | 2     | 4     | 0     | 0         | 0     | 0     | 4      | 3     | 7     | 0     | 0     | 0               | 0     | 18    | 7      | 25    | 0     | 0     | 0     | 0         | 3     | 2     | 5      | 41    |       |       |  |       |
| 1:00 PM                 | 0               | 0     | 0     | 0      | 0     | 4     | 4     | 0     | 0         | 0     | 0     | 7      | 3     | 10    | 0     | 0     | 0               | 0     | 7     | 8      | 15    | 0     | 0     | 0     | 0         | 5     | 3     | 8      | 37    |       |       |  |       |
| <b>Total Volume</b>     | 0               | 0     | 0     | 0      | 8     | 10    | 18    | 0     | 0         | 0     | 0     | 16     | 15    | 31    | 0     | 0     | 0               | 0     | 49    | 35     | 84    | 0     | 0     | 0     | 0         | 17    | 9     | 26     | 159   |       |       |  |       |
| <b>% Approach Total</b> | 0.0             | 0.0   | 0.0   | 0.0    | 44.4  | 55.6  |       | 0.0   | 0.0       | 0.0   | 0.0   | 51.6   | 48.4  |       | 0.0   | 0.0   | 0.0             | 0.0   | 58.3  | 41.7   |       | 0.0   | 0.0   | 0.0   | 0.0       | 65.4  | 34.6  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000           | 0.000 | 0.000 | 0.000  | 0.667 | 0.625 | 0.900 | 0.000 | 0.000     | 0.000 | 0.000 | 0.571  | 0.625 | 0.705 | 0.000 | 0.000 | 0.000           | 0.000 | 0.681 | 0.875  | 0.840 | 0.000 | 0.000 | 0.000 | 0.000     | 0.850 | 0.750 | 0.813  | 0.903 |       |       |  |       |
| <b>Entering Leg</b>     | 0               | 0     | 0     | 0      | 8     | 10    | 18    | 0     | 0         | 0     | 0     | 16     | 15    | 31    | 0     | 0     | 0               | 0     | 49    | 35     | 84    | 0     | 0     | 0     | 0         | 17    | 9     | 26     | 159   |       |       |  |       |
| <b>Exiting Leg</b>      | 18              |       |       |        |       |       |       | 31    |           |       |       |        |       |       | 84    |       |                 |       |       |        |       | 26    |       |       |           |       |       |        | 159   |       |       |  |       |
| <b>Total</b>            | 36              |       |       |        |       |       |       | 62    |           |       |       |        |       |       | 168   |       |                 |       |       |        |       | 52    |       |       |           |       |       |        | 318   |       |       |  |       |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                         | Columbia Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Columbia Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|-----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North      |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South      |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right           | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right           | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 5:15 PM                 | 0               | 0     | 0     | 0      | 7     | 14    | 21    | 0     | 0         | 0     | 0     | 8      | 15    | 23    | 0     | 0     | 0               | 0     | 14    | 13     | 27    | 0     | 0     | 0     | 0         | 10    | 4     | 14     | 85    |       |       |  |       |
| 5:30 PM                 | 0               | 0     | 0     | 0      | 8     | 11    | 19    | 0     | 0         | 0     | 0     | 2      | 9     | 11    | 0     | 0     | 0               | 0     | 23    | 12     | 35    | 0     | 0     | 0     | 0         | 10    | 5     | 15     | 80    |       |       |  |       |
| 5:45 PM                 | 0               | 0     | 0     | 0      | 13    | 18    | 31    | 0     | 0         | 0     | 0     | 5      | 15    | 20    | 0     | 0     | 0               | 0     | 19    | 14     | 33    | 0     | 0     | 0     | 0         | 15    | 17    | 32     | 116   |       |       |  |       |
| 6:00 PM                 | 0               | 0     | 0     | 0      | 3     | 13    | 16    | 0     | 0         | 0     | 0     | 4      | 13    | 17    | 0     | 0     | 0               | 0     | 20    | 12     | 32    | 0     | 0     | 0     | 0         | 6     | 10    | 16     | 81    |       |       |  |       |
| <b>Total Volume</b>     | 0               | 0     | 0     | 0      | 31    | 56    | 87    | 0     | 0         | 0     | 0     | 19     | 52    | 71    | 0     | 0     | 0               | 0     | 76    | 51     | 127   | 0     | 0     | 0     | 0         | 41    | 36    | 77     | 362   |       |       |  |       |
| <b>% Approach Total</b> | 0.0             | 0.0   | 0.0   | 0.0    | 35.6  | 64.4  |       | 0.0   | 0.0       | 0.0   | 0.0   | 26.8   | 73.2  |       | 0.0   | 0.0   | 0.0             | 0.0   | 59.8  | 40.2   |       | 0.0   | 0.0   | 0.0   | 0.0       | 53.2  | 46.8  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000           | 0.000 | 0.000 | 0.000  | 0.596 | 0.778 | 0.702 | 0.000 | 0.000     | 0.000 | 0.000 | 0.594  | 0.867 | 0.772 | 0.000 | 0.000 | 0.000           | 0.000 | 0.826 | 0.911  | 0.907 | 0.000 | 0.000 | 0.000 | 0.000     | 0.683 | 0.529 | 0.602  | 0.780 |       |       |  |       |
| <b>Entering Leg</b>     | 0               | 0     | 0     | 0      | 31    | 56    | 87    | 0     | 0         | 0     | 0     | 19     | 52    | 71    | 0     | 0     | 0               | 0     | 76    | 51     | 127   | 0     | 0     | 0     | 0         | 41    | 36    | 77     | 362   |       |       |  |       |
| <b>Exiting Leg</b>      | 87              |       |       |        |       |       |       | 71    |           |       |       |        |       |       | 127   |       |                 |       |       |        |       | 77    |       |       |           |       |       |        | 362   |       |       |  |       |
| <b>Total</b>            | 174             |       |       |        |       |       |       | 142   |           |       |       |        |       |       | 254   |       |                 |       |       |        |       | 154   |       |       |           |       |       |        | 724   |       |       |  |       |



PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|          | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North     |      |      |        |       | from East |      |      |        |       | from South     |      |      |        |       | from West |      |      |        |       |       |
|          | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 11             | 30   | 1    | 0      | 42    | 3         | 31   | 4    | 0      | 38    | 2              | 6    | 7    | 0      | 15    | 11        | 76   | 3    | 0      | 90    | 185   |
| 7:15 AM  | 9              | 28   | 5    | 0      | 42    | 3         | 41   | 8    | 0      | 52    | 5              | 5    | 8    | 0      | 18    | 15        | 68   | 1    | 0      | 84    | 196   |
| 7:30 AM  | 18             | 25   | 1    | 0      | 44    | 4         | 52   | 9    | 0      | 65    | 4              | 10   | 15   | 0      | 29    | 14        | 82   | 4    | 0      | 100   | 238   |
| 7:45 AM  | 22             | 38   | 3    | 0      | 63    | 4         | 51   | 5    | 0      | 60    | 6              | 14   | 20   | 0      | 40    | 14        | 81   | 9    | 0      | 104   | 267   |
| Total    | 60             | 121  | 10   | 0      | 191   | 14        | 175  | 26   | 0      | 215   | 17             | 35   | 50   | 0      | 102   | 54        | 307  | 17   | 0      | 378   | 886   |
| 8:00 AM  | 16             | 39   | 4    | 0      | 59    | 2         | 61   | 6    | 0      | 69    | 3              | 17   | 10   | 0      | 30    | 21        | 89   | 10   | 0      | 120   | 278   |
| 8:15 AM  | 18             | 36   | 1    | 0      | 55    | 3         | 67   | 4    | 0      | 74    | 3              | 15   | 7    | 0      | 25    | 10        | 83   | 5    | 0      | 98    | 252   |
| 8:30 AM  | 11             | 40   | 4    | 0      | 55    | 3         | 70   | 12   | 0      | 85    | 1              | 18   | 13   | 0      | 32    | 21        | 75   | 5    | 0      | 101   | 273   |
| 8:45 AM  | 10             | 33   | 1    | 0      | 44    | 0         | 51   | 5    | 0      | 56    | 6              | 12   | 10   | 0      | 28    | 22        | 91   | 10   | 0      | 123   | 251   |
| Total    | 55             | 148  | 10   | 0      | 213   | 8         | 249  | 27   | 0      | 284   | 13             | 62   | 40   | 0      | 115   | 74        | 338  | 30   | 0      | 442   | 1054  |
| 9:00 AM  | 5              | 36   | 2    | 0      | 43    | 1         | 42   | 2    | 0      | 45    | 3              | 4    | 8    | 0      | 15    | 22        | 83   | 11   | 0      | 116   | 219   |
| 9:15 AM  | 6              | 33   | 3    | 0      | 42    | 3         | 45   | 1    | 0      | 49    | 1              | 8    | 8    | 0      | 17    | 17        | 86   | 9    | 0      | 112   | 220   |
| 9:30 AM  | 4              | 50   | 1    | 0      | 55    | 5         | 45   | 6    | 0      | 56    | 1              | 11   | 11   | 0      | 23    | 18        | 79   | 5    | 0      | 102   | 236   |
| 9:45 AM  | 9              | 29   | 1    | 0      | 39    | 3         | 33   | 5    | 0      | 41    | 2              | 10   | 11   | 0      | 23    | 11        | 74   | 5    | 0      | 90    | 193   |
| Total    | 24             | 148  | 7    | 0      | 179   | 12        | 165  | 14   | 0      | 191   | 7              | 33   | 38   | 0      | 78    | 68        | 322  | 30   | 0      | 420   | 868   |
| 10:00 AM | 10             | 18   | 3    | 0      | 31    | 3         | 49   | 3    | 0      | 55    | 3              | 5    | 9    | 0      | 17    | 12        | 69   | 2    | 0      | 83    | 186   |
| 10:15 AM | 3              | 16   | 1    | 0      | 20    | 1         | 43   | 10   | 0      | 54    | 1              | 12   | 7    | 0      | 20    | 15        | 55   | 3    | 1      | 74    | 168   |
| 10:30 AM | 8              | 22   | 0    | 0      | 30    | 6         | 36   | 3    | 0      | 45    | 3              | 4    | 3    | 0      | 10    | 13        | 58   | 6    | 0      | 77    | 162   |
| 10:45 AM | 7              | 23   | 4    | 0      | 34    | 2         | 35   | 5    | 0      | 42    | 1              | 10   | 5    | 0      | 16    | 10        | 68   | 1    | 0      | 79    | 171   |
| Total    | 28             | 79   | 8    | 0      | 115   | 12        | 163  | 21   | 0      | 196   | 8              | 31   | 24   | 0      | 63    | 50        | 250  | 12   | 1      | 313   | 687   |
| 11:00 AM | 3              | 20   | 1    | 0      | 24    | 4         | 37   | 7    | 0      | 48    | 2              | 7    | 8    | 0      | 17    | 16        | 45   | 3    | 0      | 64    | 153   |
| 11:15 AM | 6              | 19   | 2    | 0      | 27    | 0         | 55   | 7    | 0      | 62    | 4              | 8    | 2    | 0      | 14    | 8         | 49   | 2    | 0      | 59    | 162   |
| 11:30 AM | 9              | 12   | 4    | 0      | 25    | 1         | 41   | 5    | 0      | 47    | 7              | 11   | 13   | 0      | 31    | 4         | 41   | 6    | 0      | 51    | 154   |
| 11:45 AM | 9              | 13   | 1    | 0      | 23    | 3         | 51   | 4    | 0      | 58    | 4              | 5    | 6    | 0      | 15    | 9         | 39   | 3    | 0      | 51    | 147   |
| Total    | 27             | 64   | 8    | 0      | 99    | 8         | 184  | 23   | 0      | 215   | 17             | 31   | 29   | 0      | 77    | 37        | 174  | 14   | 0      | 225   | 616   |
| 12:00 PM | 12             | 23   | 4    | 0      | 39    | 5         | 51   | 7    | 0      | 63    | 1              | 7    | 8    | 0      | 16    | 9         | 41   | 4    | 0      | 54    | 172   |
| 12:15 PM | 5              | 14   | 4    | 0      | 23    | 4         | 59   | 4    | 0      | 67    | 2              | 5    | 3    | 0      | 10    | 6         | 38   | 7    | 0      | 51    | 151   |
| 12:30 PM | 7              | 14   | 0    | 0      | 21    | 4         | 51   | 3    | 0      | 58    | 4              | 9    | 4    | 0      | 17    | 6         | 41   | 1    | 0      | 48    | 144   |
| 12:45 PM | 4              | 23   | 1    | 0      | 28    | 3         | 41   | 4    | 0      | 48    | 1              | 9    | 8    | 0      | 18    | 12        | 36   | 3    | 0      | 51    | 145   |
| Total    | 28             | 74   | 9    | 0      | 111   | 16        | 202  | 18   | 0      | 236   | 8              | 30   | 23   | 0      | 61    | 33        | 156  | 15   | 0      | 204   | 612   |
| 1:00 PM  | 10             | 17   | 1    | 0      | 28    | 3         | 41   | 3    | 0      | 47    | 0              | 13   | 19   | 0      | 32    | 9         | 42   | 3    | 0      | 54    | 161   |
| 1:15 PM  | 10             | 24   | 0    | 0      | 34    | 1         | 49   | 2    | 0      | 52    | 3              | 8    | 6    | 0      | 17    | 6         | 40   | 3    | 0      | 49    | 152   |
| 1:30 PM  | 8              | 15   | 1    | 0      | 24    | 1         | 53   | 1    | 0      | 55    | 2              | 11   | 11   | 0      | 24    | 3         | 36   | 12   | 0      | 51    | 154   |
| 1:45 PM  | 6              | 18   | 1    | 0      | 25    | 1         | 56   | 4    | 0      | 61    | 1              | 13   | 15   | 0      | 29    | 10        | 40   | 5    | 0      | 55    | 170   |
| Total    | 34             | 74   | 3    | 0      | 111   | 6         | 199  | 10   | 0      | 215   | 6              | 45   | 51   | 0      | 102   | 28        | 158  | 23   | 0      | 209   | 637   |
| 2:00 PM  | 11             | 18   | 2    | 0      | 31    | 0         | 61   | 1    | 0      | 62    | 3              | 12   | 12   | 0      | 27    | 7         | 34   | 4    | 4      | 49    | 169   |
| 2:15 PM  | 7              | 19   | 3    | 0      | 29    | 2         | 79   | 4    | 0      | 85    | 0              | 13   | 13   | 0      | 26    | 8         | 35   | 2    | 1      | 46    | 186   |
| 2:30 PM  | 14             | 15   | 1    | 0      | 30    | 2         | 77   | 5    | 0      | 84    | 2              | 11   | 9    | 0      | 22    | 9         | 41   | 4    | 0      | 54    | 190   |
| 2:45 PM  | 8              | 24   | 1    | 0      | 33    | 3         | 79   | 4    | 0      | 86    | 6              | 16   | 15   | 0      | 37    | 9         | 35   | 4    | 0      | 48    | 204   |
| Total    | 40             | 76   | 7    | 0      | 123   | 7         | 296  | 14   | 0      | 317   | 11             | 52   | 49   | 0      | 112   | 33        | 145  | 14   | 5      | 197   | 749   |
| 3:00 PM  | 14             | 17   | 0    | 0      | 31    | 4         | 62   | 4    | 0      | 70    | 0              | 9    | 20   | 0      | 29    | 7         | 46   | 5    | 0      | 58    | 188   |
| 3:15 PM  | 12             | 27   | 1    | 0      | 40    | 2         | 93   | 5    | 0      | 100   | 1              | 22   | 19   | 0      | 42    | 8         | 59   | 5    | 0      | 72    | 254   |
| 3:30 PM  | 21             | 23   | 3    | 0      | 47    | 3         | 95   | 7    | 0      | 105   | 2              | 20   | 13   | 0      | 35    | 4         | 50   | 4    | 0      | 58    | 245   |
| 3:45 PM  | 8              | 14   | 0    | 1      | 23    | 6         | 88   | 9    | 0      | 103   | 5              | 17   | 26   | 0      | 48    | 9         | 60   | 5    | 0      | 74    | 248   |
| Total    | 55             | 81   | 4    | 1      | 141   | 15        | 338  | 25   | 0      | 378   | 8              | 68   | 78   | 0      | 154   | 28        | 215  | 19   | 0      | 262   | 935   |
| 4:00 PM  | 5              | 19   | 0    | 0      | 24    | 4         | 114  | 6    | 0      | 124   | 5              | 17   | 12   | 0      | 34    | 4         | 40   | 6    | 0      | 50    | 232   |
| 4:15 PM  | 8              | 17   | 0    | 0      | 25    | 4         | 107  | 4    | 0      | 115   | 4              | 18   | 27   | 0      | 49    | 7         | 52   | 3    | 0      | 62    | 251   |
| 4:30 PM  | 5              | 27   | 1    | 0      | 33    | 2         | 135  | 5    | 0      | 142   | 0              | 22   | 16   | 0      | 38    | 7         | 53   | 6    | 0      | 66    | 279   |
| 4:45 PM  | 7              | 19   | 1    | 0      | 27    | 2         | 112  | 3    | 0      | 117   | 1              | 17   | 19   | 0      | 37    | 10        | 52   | 4    | 0      | 66    | 247   |
| Total    | 25             | 82   | 2    | 0      | 109   | 12        | 468  | 18   | 0      | 498   | 10             | 74   | 74   | 0      | 158   | 28        | 197  | 19   | 0      | 244   | 1009  |
| 5:00 PM  | 13             | 22   | 1    | 0      | 36    | 1         | 108  | 2    | 0      | 111   | 0              | 22   | 17   | 0      | 39    | 19        | 56   | 5    | 0      | 80    | 266   |
| 5:15 PM  | 14             | 30   | 0    | 0      | 44    | 2         | 114  | 2    | 0      | 118   | 5              | 30   | 18   | 0      | 53    | 16        | 51   | 9    | 0      | 76    | 291   |
| 5:30 PM  | 10             | 23   | 0    | 0      | 33    | 4         | 111  | 9    | 0      | 124   | 1              | 30   | 12   | 0      | 43    | 12        | 52   | 9    | 0      | 73    | 273   |
| 5:45 PM  | 10             | 31   | 6    | 0      | 47    | 5         | 95   | 5    | 0      | 105   | 2              | 21   | 15   | 0      | 38    | 13        | 68   | 11   | 0      | 92    | 282   |
| Total    | 47             | 106  | 7    | 0      | 160   | 12        | 428  | 18   | 0      | 458   | 8              | 103  | 62   | 0      | 173   | 60        | 227  | 34   | 0      | 321   | 1112  |
| 6:00 PM  | 9              | 17   | 2    | 0      | 28    | 2         | 102  | 10   | 0      | 114   | 3              | 19   | 13   | 0      | 35    | 4         | 69   | 10   | 0      | 83    | 260   |
| 6:15 PM  | 3              | 18   | 0    | 0      | 21    | 4         | 117  | 3    | 0      | 124   | 1              | 24   | 11   | 0      | 36    | 11        | 72   | 11   | 0      | 94    | 275   |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                   | Windsor Street |           |          |          |            | Broadway  |            |           |          |            | Windsor Street |           |           |          |            | Broadway  |            |           |          |            | Total      |
|-------------------|----------------|-----------|----------|----------|------------|-----------|------------|-----------|----------|------------|----------------|-----------|-----------|----------|------------|-----------|------------|-----------|----------|------------|------------|
|                   | from North     |           |          |          |            | from East |            |           |          |            | from South     |           |           |          |            | from West |            |           |          |            |            |
|                   | Right          | Thru      | Left     | U-Turn   | Total      | Right     | Thru       | Left      | U-Turn   | Total      | Right          | Thru      | Left      | U-Turn   | Total      | Right     | Thru       | Left      | U-Turn   | Total      |            |
| 6:30 PM           | 4              | 16        | 2        | 0        | 22         | 7         | 92         | 3         | 0        | 102        | 2              | 15        | 13        | 0        | 30         | 8         | 66         | 7         | 0        | 81         | 235        |
| 6:45 PM           | 13             | 16        | 4        | 0        | 33         | 1         | 94         | 5         | 0        | 100        | 1              | 11        | 13        | 0        | 25         | 8         | 49         | 5         | 0        | 62         | 220        |
| <b>Total</b>      | <b>29</b>      | <b>67</b> | <b>8</b> | <b>0</b> | <b>104</b> | <b>14</b> | <b>405</b> | <b>21</b> | <b>0</b> | <b>440</b> | <b>7</b>       | <b>69</b> | <b>50</b> | <b>0</b> | <b>126</b> | <b>31</b> | <b>256</b> | <b>33</b> | <b>0</b> | <b>320</b> | <b>990</b> |
| Grand Total       | 452            | 1120      | 83       | 1        | 1656       | 136       | 3272       | 235       | 0        | 3643       | 120            | 633       | 568       | 0        | 1321       | 524       | 2745       | 260       | 6        | 3535       | 10155      |
| Approach %        | 27.3           | 67.6      | 5.0      | 0.1      |            | 3.7       | 89.8       | 6.5       | 0.0      |            | 9.1            | 47.9      | 43.0      | 0.0      |            | 14.8      | 77.7       | 7.4       | 0.2      |            |            |
| Total %           | 4.5            | 11.0      | 0.8      | 0.0      | 16.3       | 1.3       | 32.2       | 2.3       | 0.0      | 35.9       | 1.2            | 6.2       | 5.6       | 0.0      | 13.0       | 5.2       | 27.0       | 2.6       | 0.1      | 34.8       |            |
| Exiting Leg Total | 1030           |           |          |          |            | 2948      |            |           |          |            | 1879           |           |           |          |            | 4298      |            |           |          |            | 10155      |
| Cars              | 439            | 1089      | 81       | 1        | 1610       | 128       | 3105       | 219       | 0        | 3452       | 114            | 603       | 555       | 0        | 1272       | 498       | 2602       | 253       | 6        | 3359       | 9693       |
| % Cars            | 97.1           | 97.2      | 97.6     | 100.0    | 97.2       | 94.1      | 94.9       | 93.2      | 0.0      | 94.8       | 95.0           | 95.3      | 97.7      | 0.0      | 96.3       | 95.0      | 94.8       | 97.3      | 100.0    | 95.0       | 95.5       |
| Exiting Leg Total | 985            |           |          |          |            | 2797      |            |           |          |            | 1806           |           |           |          |            | 4105      |            |           |          |            | 9693       |
| Heavy Vehicles    | 13             | 31        | 2        | 0        | 46         | 8         | 167        | 16        | 0        | 191        | 6              | 30        | 13        | 0        | 49         | 26        | 143        | 7         | 0        | 176        | 462        |
| % Heavy Vehicles  | 2.9            | 2.8       | 2.4      | 0.0      | 2.8        | 5.9       | 5.1        | 6.8       | 0.0      | 5.2        | 5.0            | 4.7       | 2.3       | 0.0      | 3.7        | 5.0       | 5.2        | 2.7       | 0.0      | 5.0        | 4.5        |
| Exiting Leg Total | 45             |           |          |          |            | 151       |            |           |          |            | 73             |           |           |          |            | 193       |            |           |          |            | 462        |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                    | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                    | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:45 AM            | 22             | 38    | 3     | 0      | 63    | 4         | 51    | 5     | 0      | 60    | 6              | 14    | 20    | 0      | 40    | 14        | 81    | 9     | 0      | 104   | 267   |
| 7:45 AM            | 16             | 39    | 4     | 0      | 59    | 2         | 61    | 6     | 0      | 69    | 3              | 17    | 10    | 0      | 30    | 21        | 89    | 10    | 0      | 120   | 278   |
| 8:00 AM            | 18             | 36    | 1     | 0      | 55    | 3         | 67    | 4     | 0      | 74    | 3              | 15    | 7     | 0      | 25    | 10        | 83    | 5     | 0      | 98    | 252   |
| 8:15 AM            | 11             | 40    | 4     | 0      | 55    | 3         | 70    | 12    | 0      | 85    | 1              | 18    | 13    | 0      | 32    | 21        | 75    | 5     | 0      | 101   | 273   |
| Total Volume       | 67             | 153   | 12    | 0      | 232   | 12        | 249   | 27    | 0      | 288   | 13             | 64    | 50    | 0      | 127   | 66        | 328   | 29    | 0      | 423   | 1070  |
| % Approach Total   | 28.9           | 65.9  | 5.2   | 0.0    |       | 4.2       | 86.5  | 9.4   | 0.0    |       | 10.2           | 50.4  | 39.4  | 0.0    |       | 15.6      | 77.5  | 6.9   | 0.0    |       |       |
| PHF                | 0.761          | 0.956 | 0.750 | 0.000  | 0.921 | 0.750     | 0.889 | 0.563 | 0.000  | 0.847 | 0.542          | 0.889 | 0.625 | 0.000  | 0.794 | 0.786     | 0.921 | 0.725 | 0.000  | 0.881 | 0.962 |
| Cars               | 67             | 147   | 11    | 0      | 225   | 12        | 232   | 27    | 0      | 271   | 13             | 61    | 50    | 0      | 124   | 63        | 313   | 28    | 0      | 404   | 1024  |
| Cars %             | 100.0          | 96.1  | 91.7  | 0.0    | 97.0  | 100.0     | 93.2  | 100.0 | 0.0    | 94.1  | 100.0          | 95.3  | 100.0 | 0.0    | 97.6  | 95.5      | 95.4  | 96.6  | 0.0    | 95.5  | 95.7  |
| Heavy Vehicles     | 0              | 6     | 1     | 0      | 7     | 0         | 17    | 0     | 0      | 17    | 0              | 3     | 0     | 0      | 3     | 3         | 15    | 1     | 0      | 19    | 46    |
| Heavy Vehicles %   | 0.0            | 3.9   | 8.3   | 0.0    | 3.0   | 0.0       | 6.8   | 0.0   | 0.0    | 5.9   | 0.0            | 4.7   | 0.0   | 0.0    | 2.4   | 4.5       | 4.6   | 3.4   | 0.0    | 4.5   | 4.3   |
| Cars Enter Leg     | 67             | 147   | 11    | 0      | 225   | 12        | 232   | 27    | 0      | 271   | 13             | 61    | 50    | 0      | 124   | 63        | 313   | 28    | 0      | 404   | 1024  |
| Heavy Enter Leg    | 0              | 6     | 1     | 0      | 7     | 0         | 17    | 0     | 0      | 17    | 0              | 3     | 0     | 0      | 3     | 3         | 15    | 1     | 0      | 19    | 46    |
| Total Entering Leg | 67             | 153   | 12    | 0      | 232   | 12        | 249   | 27    | 0      | 288   | 13             | 64    | 50    | 0      | 127   | 66        | 328   | 29    | 0      | 423   | 1070  |
| Cars Exiting Leg   | 101            |       |       |        |       | 337       |       |       |        |       | 237            |       |       |        |       | 349       |       |       |        |       | 1024  |
| Heavy Exiting Leg  | 4              |       |       |        |       | 16        |       |       |        |       | 9              |       |       |        |       | 17        |       |       |        |       | 46    |
| Total Exiting Leg  | 105            |       |       |        |       | 353       |       |       |        |       | 246            |       |       |        |       | 366       |       |       |        |       | 1070  |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                    | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                    | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 1:45 PM            | 6              | 18    | 1     | 0      | 25    | 1         | 56    | 4     | 0      | 61    | 1              | 13    | 15    | 0      | 29    | 10        | 40    | 5     | 0      | 55    | 170   |
| 2:00 PM            | 11             | 18    | 2     | 0      | 31    | 0         | 61    | 1     | 0      | 62    | 3              | 12    | 12    | 0      | 27    | 7         | 34    | 4     | 4      | 49    | 169   |
| 2:15 PM            | 7              | 19    | 3     | 0      | 29    | 2         | 79    | 4     | 0      | 85    | 0              | 13    | 13    | 0      | 26    | 8         | 35    | 2     | 1      | 46    | 186   |
| 2:30 PM            | 14             | 15    | 1     | 0      | 30    | 2         | 77    | 5     | 0      | 84    | 2              | 11    | 9     | 0      | 22    | 9         | 41    | 4     | 0      | 54    | 190   |
| Total Volume       | 38             | 70    | 7     | 0      | 115   | 5         | 273   | 14    | 0      | 292   | 6              | 49    | 49    | 0      | 104   | 34        | 150   | 15    | 5      | 204   | 715   |
| % Approach Total   | 33.0           | 60.9  | 6.1   | 0.0    |       | 1.7       | 93.5  | 4.8   | 0.0    |       | 5.8            | 47.1  | 47.1  | 0.0    |       | 16.7      | 73.5  | 7.4   | 2.5    |       |       |
| PHF                | 0.679          | 0.921 | 0.583 | 0.000  | 0.927 | 0.625     | 0.864 | 0.700 | 0.000  | 0.859 | 0.500          | 0.942 | 0.817 | 0.000  | 0.897 | 0.850     | 0.915 | 0.750 | 0.313  | 0.927 | 0.941 |
| Cars               | 36             | 67    | 7     | 0      | 110   | 5         | 260   | 12    | 0      | 277   | 5              | 47    | 47    | 0      | 99    | 32        | 139   | 15    | 5      | 191   | 677   |
| Cars %             | 94.7           | 95.7  | 100.0 | 0.0    | 95.7  | 100.0     | 95.2  | 85.7  | 0.0    | 94.9  | 83.3           | 95.9  | 95.9  | 0.0    | 95.2  | 94.1      | 92.7  | 100.0 | 100.0  | 93.6  | 94.7  |
| Heavy Vehicles     | 2              | 3     | 0     | 0      | 5     | 0         | 13    | 2     | 0      | 15    | 1              | 2     | 2     | 0      | 5     | 2         | 11    | 0     | 0      | 13    | 38    |
| Heavy Vehicles %   | 5.3            | 4.3   | 0.0   | 0.0    | 4.3   | 0.0       | 4.8   | 14.3  | 0.0    | 5.1   | 16.7           | 4.1   | 4.1   | 0.0    | 4.8   | 5.9       | 7.3   | 0.0   | 0.0    | 6.4   | 5.3   |
| Cars Enter Leg     | 36             | 67    | 7     | 0      | 110   | 5         | 260   | 12    | 0      | 277   | 5              | 47    | 47    | 0      | 99    | 32        | 139   | 15    | 5      | 191   | 677   |
| Heavy Enter Leg    | 2              | 3     | 0     | 0      | 5     | 0         | 13    | 2     | 0      | 15    | 1              | 2     | 2     | 0      | 5     | 2         | 11    | 0     | 0      | 13    | 38    |
| Total Entering Leg | 38             | 70    | 7     | 0      | 115   | 5         | 273   | 14    | 0      | 292   | 6              | 49    | 49    | 0      | 104   | 34        | 150   | 15    | 5      | 204   | 715   |
| Cars Exiting Leg   | 67             |       |       |        |       | 151       |       |       |        |       | 111            |       |       |        |       | 348       |       |       |        |       | 677   |
| Heavy Exiting Leg  | 2              |       |       |        |       | 12        |       |       |        |       | 7              |       |       |        |       | 17        |       |       |        |       | 38    |
| Total Exiting Leg  | 69             |       |       |        |       | 163       |       |       |        |       | 118            |       |       |        |       | 365       |       |       |        |       | 715   |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars and Heavy Vehicles (Combined)**

|                    | Windsor Street            |       |       |        |       | Broadway           |       |       |        |       | Windsor Street            |       |       |        |       | Broadway           |       |       |        |       | Total |
|--------------------|---------------------------|-------|-------|--------|-------|--------------------|-------|-------|--------|-------|---------------------------|-------|-------|--------|-------|--------------------|-------|-------|--------|-------|-------|
|                    | from North                |       |       |        |       | from East          |       |       |        |       | from South                |       |       |        |       | from West          |       |       |        |       |       |
|                    | Right                     | Thru  | Left  | U-Turn | Total | Right              | Thru  | Left  | U-Turn | Total | Right                     | Thru  | Left  | U-Turn | Total | Right              | Thru  | Left  | U-Turn | Total |       |
| 5:00 PM            | Windsor Street from North |       |       |        |       | Broadway from East |       |       |        |       | Windsor Street from South |       |       |        |       | Broadway from West |       |       |        |       |       |
| 5:00 PM            | 13                        | 22    | 1     | 0      | 36    | 1                  | 108   | 2     | 0      | 111   | 0                         | 22    | 17    | 0      | 39    | 19                 | 56    | 5     | 0      | 80    | 266   |
| 5:15 PM            | 14                        | 30    | 0     | 0      | 44    | 2                  | 114   | 2     | 0      | 118   | 5                         | 30    | 18    | 0      | 53    | 16                 | 51    | 9     | 0      | 76    | 291   |
| 5:30 PM            | 10                        | 23    | 0     | 0      | 33    | 4                  | 111   | 9     | 0      | 124   | 1                         | 30    | 12    | 0      | 43    | 12                 | 52    | 9     | 0      | 73    | 273   |
| 5:45 PM            | 10                        | 31    | 6     | 0      | 47    | 5                  | 95    | 5     | 0      | 105   | 2                         | 21    | 15    | 0      | 38    | 13                 | 68    | 11    | 0      | 92    | 282   |
| Total Volume       | 47                        | 106   | 7     | 0      | 160   | 12                 | 428   | 18    | 0      | 458   | 8                         | 103   | 62    | 0      | 173   | 60                 | 227   | 34    | 0      | 321   | 1112  |
| % Approach Total   | 29.4                      | 66.3  | 4.4   | 0.0    |       | 2.6                | 93.4  | 3.9   | 0.0    |       | 4.6                       | 59.5  | 35.8  | 0.0    |       | 18.7               | 70.7  | 10.6  | 0.0    |       |       |
| PHF                | 0.839                     | 0.855 | 0.292 | 0.000  | 0.851 | 0.600              | 0.939 | 0.500 | 0.000  | 0.923 | 0.400                     | 0.858 | 0.861 | 0.000  | 0.816 | 0.789              | 0.835 | 0.773 | 0.000  | 0.872 | 0.955 |
| Cars               | 45                        | 106   | 7     | 0      | 158   | 12                 | 422   | 17    | 0      | 451   | 8                         | 100   | 62    | 0      | 170   | 60                 | 218   | 34    | 0      | 312   | 1091  |
| Cars %             | 95.7                      | 100.0 | 100.0 | 0.0    | 98.8  | 100.0              | 98.6  | 94.4  | 0.0    | 98.5  | 100.0                     | 97.1  | 100.0 | 0.0    | 98.3  | 100.0              | 96.0  | 100.0 | 0.0    | 97.2  | 98.1  |
| Heavy Vehicles     | 2                         | 0     | 0     | 0      | 2     | 0                  | 6     | 1     | 0      | 7     | 0                         | 3     | 0     | 0      | 3     | 0                  | 9     | 0     | 0      | 9     | 21    |
| Heavy Vehicles %   | 4.3                       | 0.0   | 0.0   | 0.0    | 1.3   | 0.0                | 1.4   | 5.6   | 0.0    | 1.5   | 0.0                       | 2.9   | 0.0   | 1.7    | 0.0   | 4.0                | 0.0   | 0.0   | 0.0    | 2.8   | 1.9   |
| Cars Enter Leg     | 45                        | 106   | 7     | 0      | 158   | 12                 | 422   | 17    | 0      | 451   | 8                         | 100   | 62    | 0      | 170   | 60                 | 218   | 34    | 0      | 312   | 1091  |
| Heavy Enter Leg    | 2                         | 0     | 0     | 0      | 2     | 0                  | 6     | 1     | 0      | 7     | 0                         | 3     | 0     | 3      | 0     | 9                  | 0     | 0     | 0      | 9     | 21    |
| Total Entering Leg | 47                        | 106   | 7     | 0      | 160   | 12                 | 428   | 18    | 0      | 458   | 8                         | 103   | 62    | 0      | 173   | 60                 | 227   | 34    | 0      | 321   | 1112  |
| Cars Exiting Leg   |                           |       |       |        | 146   |                    |       |       |        | 233   |                           |       |       |        | 183   |                    |       |       |        | 529   | 1091  |
| Heavy Exiting Leg  |                           |       |       |        | 3     |                    |       |       |        | 9     |                           |       |       |        | 1     |                    |       |       |        | 8     | 21    |
| Total Exiting Leg  |                           |       |       |        | 149   |                    |       |       |        | 242   |                           |       |       |        | 184   |                    |       |       |        | 537   | 1112  |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Cars**

|              | Windsor Street |            |           |          |            | Broadway  |            |           |          |            | Windsor Street |            |           |          |            | Broadway  |            |           |          |            | Total       |
|--------------|----------------|------------|-----------|----------|------------|-----------|------------|-----------|----------|------------|----------------|------------|-----------|----------|------------|-----------|------------|-----------|----------|------------|-------------|
|              | from North     |            |           |          |            | from East |            |           |          |            | from South     |            |           |          |            | from West |            |           |          |            |             |
|              | Right          | Thru       | Left      | U-Turn   | Total      | Right     | Thru       | Left      | U-Turn   | Total      | Right          | Thru       | Left      | U-Turn   | Total      | Right     | Thru       | Left      | U-Turn   | Total      |             |
| 7:00 AM      | 10             | 28         | 1         | 0        | 39         | 2         | 30         | 3         | 0        | 35         | 2              | 6          | 7         | 0        | 15         | 11        | 70         | 3         | 0        | 84         | 173         |
| 7:15 AM      | 9              | 23         | 5         | 0        | 37         | 3         | 37         | 6         | 0        | 46         | 4              | 4          | 7         | 0        | 15         | 13        | 65         | 1         | 0        | 79         | 177         |
| 7:30 AM      | 18             | 24         | 1         | 0        | 43         | 4         | 46         | 7         | 0        | 57         | 4              | 10         | 15        | 0        | 29         | 11        | 79         | 4         | 0        | 94         | 223         |
| 7:45 AM      | 22             | 35         | 3         | 0        | 60         | 4         | 44         | 5         | 0        | 53         | 6              | 13         | 20        | 0        | 39         | 13        | 77         | 8         | 0        | 98         | 250         |
| <b>Total</b> | <b>59</b>      | <b>110</b> | <b>10</b> | <b>0</b> | <b>179</b> | <b>13</b> | <b>157</b> | <b>21</b> | <b>0</b> | <b>191</b> | <b>16</b>      | <b>33</b>  | <b>49</b> | <b>0</b> | <b>98</b>  | <b>48</b> | <b>291</b> | <b>16</b> | <b>0</b> | <b>355</b> | <b>823</b>  |
| 8:00 AM      | 16             | 38         | 3         | 0        | 57         | 2         | 58         | 6         | 0        | 66         | 3              | 16         | 10        | 0        | 29         | 21        | 82         | 10        | 0        | 113        | 265         |
| 8:15 AM      | 18             | 35         | 1         | 0        | 54         | 3         | 62         | 4         | 0        | 69         | 3              | 15         | 7         | 0        | 25         | 10        | 81         | 5         | 0        | 96         | 244         |
| 8:30 AM      | 11             | 39         | 4         | 0        | 54         | 3         | 68         | 12        | 0        | 83         | 1              | 17         | 13        | 0        | 31         | 19        | 73         | 5         | 0        | 97         | 265         |
| 8:45 AM      | 10             | 32         | 1         | 0        | 43         | 0         | 48         | 5         | 0        | 53         | 5              | 11         | 10        | 0        | 26         | 21        | 88         | 10        | 0        | 119        | 241         |
| <b>Total</b> | <b>55</b>      | <b>144</b> | <b>9</b>  | <b>0</b> | <b>208</b> | <b>8</b>  | <b>236</b> | <b>27</b> | <b>0</b> | <b>271</b> | <b>12</b>      | <b>59</b>  | <b>40</b> | <b>0</b> | <b>111</b> | <b>71</b> | <b>324</b> | <b>30</b> | <b>0</b> | <b>425</b> | <b>1015</b> |
| 9:00 AM      | 5              | 35         | 2         | 0        | 42         | 1         | 39         | 2         | 0        | 42         | 3              | 4          | 7         | 0        | 14         | 21        | 78         | 10        | 0        | 109        | 207         |
| 9:15 AM      | 6              | 33         | 3         | 0        | 42         | 3         | 44         | 1         | 0        | 48         | 1              | 7          | 8         | 0        | 16         | 16        | 81         | 8         | 0        | 105        | 211         |
| 9:30 AM      | 4              | 48         | 1         | 0        | 53         | 5         | 39         | 6         | 0        | 50         | 1              | 11         | 11        | 0        | 23         | 18        | 76         | 5         | 0        | 99         | 225         |
| 9:45 AM      | 7              | 29         | 1         | 0        | 37         | 3         | 30         | 5         | 0        | 38         | 2              | 10         | 10        | 0        | 22         | 10        | 71         | 5         | 0        | 86         | 183         |
| <b>Total</b> | <b>22</b>      | <b>145</b> | <b>7</b>  | <b>0</b> | <b>174</b> | <b>12</b> | <b>152</b> | <b>14</b> | <b>0</b> | <b>178</b> | <b>7</b>       | <b>32</b>  | <b>36</b> | <b>0</b> | <b>75</b>  | <b>65</b> | <b>306</b> | <b>28</b> | <b>0</b> | <b>399</b> | <b>826</b>  |
| 10:00 AM     | 10             | 18         | 3         | 0        | 31         | 2         | 43         | 3         | 0        | 48         | 3              | 5          | 8         | 0        | 16         | 12        | 64         | 2         | 0        | 78         | 173         |
| 10:15 AM     | 3              | 15         | 1         | 0        | 19         | 1         | 36         | 10        | 0        | 47         | 1              | 11         | 6         | 0        | 18         | 15        | 50         | 3         | 1        | 69         | 153         |
| 10:30 AM     | 6              | 22         | 0         | 0        | 28         | 5         | 32         | 2         | 0        | 39         | 2              | 4          | 3         | 0        | 9          | 12        | 56         | 6         | 0        | 74         | 150         |
| 10:45 AM     | 7              | 23         | 4         | 0        | 34         | 1         | 32         | 4         | 0        | 37         | 1              | 9          | 5         | 0        | 15         | 10        | 64         | 1         | 0        | 75         | 161         |
| <b>Total</b> | <b>26</b>      | <b>78</b>  | <b>8</b>  | <b>0</b> | <b>112</b> | <b>9</b>  | <b>143</b> | <b>19</b> | <b>0</b> | <b>171</b> | <b>7</b>       | <b>29</b>  | <b>22</b> | <b>0</b> | <b>58</b>  | <b>49</b> | <b>234</b> | <b>12</b> | <b>1</b> | <b>296</b> | <b>637</b>  |
| 11:00 AM     | 3              | 20         | 1         | 0        | 24         | 4         | 31         | 7         | 0        | 42         | 2              | 6          | 8         | 0        | 16         | 15        | 43         | 3         | 0        | 61         | 143         |
| 11:15 AM     | 6              | 19         | 2         | 0        | 27         | 0         | 53         | 7         | 0        | 60         | 4              | 7          | 2         | 0        | 13         | 8         | 43         | 2         | 0        | 53         | 153         |
| 11:30 AM     | 9              | 10         | 3         | 0        | 22         | 1         | 35         | 4         | 0        | 40         | 7              | 11         | 13        | 0        | 31         | 4         | 36         | 5         | 0        | 45         | 138         |
| 11:45 AM     | 8              | 12         | 1         | 0        | 21         | 3         | 44         | 3         | 0        | 50         | 4              | 4          | 6         | 0        | 14         | 9         | 34         | 3         | 0        | 46         | 131         |
| <b>Total</b> | <b>26</b>      | <b>61</b>  | <b>7</b>  | <b>0</b> | <b>94</b>  | <b>8</b>  | <b>163</b> | <b>21</b> | <b>0</b> | <b>192</b> | <b>17</b>      | <b>28</b>  | <b>29</b> | <b>0</b> | <b>74</b>  | <b>36</b> | <b>156</b> | <b>13</b> | <b>0</b> | <b>205</b> | <b>565</b>  |
| 12:00 PM     | 12             | 23         | 4         | 0        | 39         | 4         | 49         | 7         | 0        | 60         | 0              | 7          | 8         | 0        | 15         | 9         | 37         | 4         | 0        | 50         | 164         |
| 12:15 PM     | 5              | 14         | 4         | 0        | 23         | 4         | 53         | 4         | 0        | 61         | 2              | 5          | 3         | 0        | 10         | 6         | 34         | 7         | 0        | 47         | 141         |
| 12:30 PM     | 7              | 13         | 0         | 0        | 20         | 4         | 47         | 1         | 0        | 52         | 4              | 9          | 4         | 0        | 17         | 6         | 38         | 0         | 0        | 44         | 133         |
| 12:45 PM     | 4              | 23         | 1         | 0        | 28         | 3         | 38         | 4         | 0        | 45         | 1              | 9          | 7         | 0        | 17         | 11        | 32         | 3         | 0        | 46         | 136         |
| <b>Total</b> | <b>28</b>      | <b>73</b>  | <b>9</b>  | <b>0</b> | <b>110</b> | <b>15</b> | <b>187</b> | <b>16</b> | <b>0</b> | <b>218</b> | <b>7</b>       | <b>30</b>  | <b>22</b> | <b>0</b> | <b>59</b>  | <b>32</b> | <b>141</b> | <b>14</b> | <b>0</b> | <b>187</b> | <b>574</b>  |
| 1:00 PM      | 10             | 17         | 1         | 0        | 28         | 3         | 41         | 3         | 0        | 47         | 0              | 11         | 18        | 0        | 29         | 9         | 39         | 2         | 0        | 50         | 154         |
| 1:15 PM      | 10             | 24         | 0         | 0        | 34         | 1         | 46         | 2         | 0        | 49         | 3              | 7          | 5         | 0        | 15         | 6         | 39         | 3         | 0        | 48         | 146         |
| 1:30 PM      | 6              | 14         | 1         | 0        | 21         | 1         | 51         | 1         | 0        | 53         | 2              | 10         | 11        | 0        | 23         | 3         | 33         | 12        | 0        | 48         | 145         |
| 1:45 PM      | 5              | 17         | 1         | 0        | 23         | 1         | 53         | 4         | 0        | 58         | 1              | 13         | 14        | 0        | 28         | 10        | 38         | 5         | 0        | 53         | 162         |
| <b>Total</b> | <b>31</b>      | <b>72</b>  | <b>3</b>  | <b>0</b> | <b>106</b> | <b>6</b>  | <b>191</b> | <b>10</b> | <b>0</b> | <b>207</b> | <b>6</b>       | <b>41</b>  | <b>48</b> | <b>0</b> | <b>95</b>  | <b>28</b> | <b>149</b> | <b>22</b> | <b>0</b> | <b>199</b> | <b>607</b>  |
| 2:00 PM      | 11             | 18         | 2         | 0        | 31         | 0         | 56         | 1         | 0        | 57         | 2              | 11         | 12        | 0        | 25         | 6         | 30         | 4         | 4        | 44         | 157         |
| 2:15 PM      | 6              | 18         | 3         | 0        | 27         | 2         | 77         | 3         | 0        | 82         | 0              | 12         | 12        | 0        | 24         | 8         | 33         | 2         | 1        | 44         | 177         |
| 2:30 PM      | 14             | 14         | 1         | 0        | 29         | 2         | 74         | 4         | 0        | 80         | 2              | 11         | 9         | 0        | 22         | 8         | 38         | 4         | 0        | 50         | 181         |
| 2:45 PM      | 8              | 24         | 1         | 0        | 33         | 3         | 77         | 4         | 0        | 84         | 5              | 15         | 15        | 0        | 35         | 9         | 34         | 4         | 0        | 47         | 199         |
| <b>Total</b> | <b>39</b>      | <b>74</b>  | <b>7</b>  | <b>0</b> | <b>120</b> | <b>7</b>  | <b>284</b> | <b>12</b> | <b>0</b> | <b>303</b> | <b>9</b>       | <b>49</b>  | <b>48</b> | <b>0</b> | <b>106</b> | <b>31</b> | <b>135</b> | <b>14</b> | <b>5</b> | <b>185</b> | <b>714</b>  |
| 3:00 PM      | 14             | 17         | 0         | 0        | 31         | 4         | 58         | 4         | 0        | 66         | 0              | 9          | 19        | 0        | 28         | 6         | 43         | 5         | 0        | 54         | 179         |
| 3:15 PM      | 12             | 26         | 1         | 0        | 39         | 2         | 87         | 5         | 0        | 94         | 1              | 22         | 18        | 0        | 41         | 7         | 58         | 5         | 0        | 70         | 244         |
| 3:30 PM      | 20             | 23         | 3         | 0        | 46         | 1         | 89         | 7         | 0        | 97         | 2              | 18         | 13        | 0        | 33         | 3         | 47         | 4         | 0        | 54         | 230         |
| 3:45 PM      | 8              | 13         | 0         | 1        | 22         | 6         | 82         | 8         | 0        | 96         | 5              | 14         | 26        | 0        | 45         | 8         | 58         | 5         | 0        | 71         | 234         |
| <b>Total</b> | <b>54</b>      | <b>79</b>  | <b>4</b>  | <b>1</b> | <b>138</b> | <b>13</b> | <b>316</b> | <b>24</b> | <b>0</b> | <b>353</b> | <b>8</b>       | <b>63</b>  | <b>76</b> | <b>0</b> | <b>147</b> | <b>24</b> | <b>206</b> | <b>19</b> | <b>0</b> | <b>249</b> | <b>887</b>  |
| 4:00 PM      | 5              | 18         | 0         | 0        | 23         | 4         | 109        | 6         | 0        | 119        | 5              | 17         | 12        | 0        | 34         | 2         | 40         | 5         | 0        | 47         | 223         |
| 4:15 PM      | 8              | 17         | 0         | 0        | 25         | 4         | 104        | 4         | 0        | 112        | 4              | 18         | 27        | 0        | 49         | 6         | 48         | 3         | 0        | 57         | 243         |
| 4:30 PM      | 5              | 27         | 1         | 0        | 33         | 2         | 133        | 4         | 0        | 139        | 0              | 20         | 16        | 0        | 36         | 6         | 52         | 6         | 0        | 64         | 272         |
| 4:45 PM      | 7              | 19         | 1         | 0        | 27         | 2         | 110        | 3         | 0        | 115        | 1              | 17         | 18        | 0        | 36         | 10        | 51         | 4         | 0        | 65         | 243         |
| <b>Total</b> | <b>25</b>      | <b>81</b>  | <b>2</b>  | <b>0</b> | <b>108</b> | <b>12</b> | <b>456</b> | <b>17</b> | <b>0</b> | <b>485</b> | <b>10</b>      | <b>72</b>  | <b>73</b> | <b>0</b> | <b>155</b> | <b>24</b> | <b>191</b> | <b>18</b> | <b>0</b> | <b>233</b> | <b>981</b>  |
| 5:00 PM      | 11             | 22         | 1         | 0        | 34         | 1         | 106        | 1         | 0        | 108        | 0              | 22         | 17        | 0        | 39         | 19        | 54         | 5         | 0        | 78         | 259         |
| 5:15 PM      | 14             | 30         | 0         | 0        | 44         | 2         | 114        | 2         | 0        | 118        | 5              | 29         | 18        | 0        | 52         | 16        | 48         | 9         | 0        | 73         | 287         |
| 5:30 PM      | 10             | 23         | 0         | 0        | 33         | 4         | 108        | 9         | 0        | 121        | 1              | 28         | 12        | 0        | 41         | 12        | 49         | 9         | 0        | 70         | 265         |
| 5:45 PM      | 10             | 31         | 6         | 0        | 47         | 5         | 94         | 5         | 0        | 104        | 2              | 21         | 15        | 0        | 38         | 13        | 67         | 11        | 0        | 91         | 280         |
| <b>Total</b> | <b>45</b>      | <b>106</b> | <b>7</b>  | <b>0</b> | <b>158</b> | <b>12</b> | <b>422</b> | <b>17</b> | <b>0</b> | <b>451</b> | <b>8</b>       | <b>100</b> | <b>62</b> | <b>0</b> | <b>170</b> | <b>60</b> | <b>218</b> | <b>34</b> | <b>0</b> | <b>312</b> | <b>1091</b> |
| 6:00 PM      | 9              | 17         | 2         | 0        | 28         | 1         | 100        | 10        | 0        | 111        | 3              | 19         | 13        | 0        | 35         | 4         | 66         | 10        | 0        | 80         | 254         |
| 6:15 PM      | 3              | 18         | 0         | 0        | 21         | 4         | 115        | 3         | 0        | 122        | 1              | 23         | 11        | 0        | 35         | 10        | 72         | 11        | 0        | 93         | 271         |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class: **Cars**



|                   | Windsor Street |           |          |          |            | Broadway  |            |           |          |            | Windsor Street |           |           |          |            | Broadway  |            |           |          |            | Total      |
|-------------------|----------------|-----------|----------|----------|------------|-----------|------------|-----------|----------|------------|----------------|-----------|-----------|----------|------------|-----------|------------|-----------|----------|------------|------------|
|                   | from North     |           |          |          |            | from East |            |           |          |            | from South     |           |           |          |            | from West |            |           |          |            |            |
|                   | Right          | Thru      | Left     | U-Turn   | Total      | Right     | Thru       | Left      | U-Turn   | Total      | Right          | Thru      | Left      | U-Turn   | Total      | Right     | Thru       | Left      | U-Turn   | Total      |            |
| 6:30 PM           | 4              | 16        | 2        | 0        | 22         | 7         | 90         | 3         | 0        | 100        | 2              | 15        | 13        | 0        | 30         | 8         | 65         | 7         | 0        | 80         | 232        |
| 6:45 PM           | 13             | 15        | 4        | 0        | 32         | 1         | 93         | 5         | 0        | 99         | 1              | 10        | 13        | 0        | 24         | 8         | 48         | 5         | 0        | 61         | 216        |
| <b>Total</b>      | <b>29</b>      | <b>66</b> | <b>8</b> | <b>0</b> | <b>103</b> | <b>13</b> | <b>398</b> | <b>21</b> | <b>0</b> | <b>432</b> | <b>7</b>       | <b>67</b> | <b>50</b> | <b>0</b> | <b>124</b> | <b>30</b> | <b>251</b> | <b>33</b> | <b>0</b> | <b>314</b> | <b>973</b> |
| Grand Total       | 439            | 1089      | 81       | 1        | 1610       | 128       | 3105       | 219       | 0        | 3452       | 114            | 603       | 555       | 0        | 1272       | 498       | 2602       | 253       | 6        | 3359       | 9693       |
| Approach %        | 27.3           | 67.6      | 5.0      | 0.1      |            | 3.7       | 89.9       | 6.3       | 0.0      |            | 9.0            | 47.4      | 43.6      | 0.0      |            | 14.8      | 77.5       | 7.5       | 0.2      |            |            |
| Total %           | 4.5            | 11.2      | 0.8      | 0.0      | 16.6       | 1.3       | 32.0       | 2.3       | 0.0      | 35.6       | 1.2            | 6.2       | 5.7       | 0.0      | 13.1       | 5.1       | 26.8       | 2.6       | 0.1      | 34.7       |            |
| Exiting Leg Total | 985            |           |          |          |            | 2797      |            |           |          |            | 1806           |           |           |          |            | 4105      |            |           |          |            | 9693       |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:45 AM          | 22             | 35    | 3     | 0      | 60    | 4         | 44    | 5     | 0      | 53    | 6              | 13    | 20    | 0      | 39    | 13        | 77    | 8     | 0      | 98    | 250   |
| 8:00 AM          | 16             | 38    | 3     | 0      | 57    | 2         | 58    | 6     | 0      | 66    | 3              | 16    | 10    | 0      | 29    | 21        | 82    | 10    | 0      | 113   | 265   |
| 8:15 AM          | 18             | 35    | 1     | 0      | 54    | 3         | 62    | 4     | 0      | 69    | 3              | 15    | 7     | 0      | 25    | 10        | 81    | 5     | 0      | 96    | 244   |
| 8:30 AM          | 11             | 39    | 4     | 0      | 54    | 3         | 68    | 12    | 0      | 83    | 1              | 17    | 13    | 0      | 31    | 19        | 73    | 5     | 0      | 97    | 265   |
| Total Volume     | 67             | 147   | 11    | 0      | 225   | 12        | 232   | 27    | 0      | 271   | 13             | 61    | 50    | 0      | 124   | 63        | 313   | 28    | 0      | 404   | 1024  |
| % Approach Total | 29.8           | 65.3  | 4.9   | 0.0    |       | 4.4       | 85.6  | 10.0  | 0.0    |       | 10.5           | 49.2  | 40.3  | 0.0    |       | 15.6      | 77.5  | 6.9   | 0.0    |       |       |
| PHF              | 0.761          | 0.942 | 0.688 | 0.000  | 0.938 | 0.750     | 0.853 | 0.563 | 0.000  | 0.816 | 0.542          | 0.897 | 0.625 | 0.000  | 0.795 | 0.750     | 0.954 | 0.700 | 0.000  | 0.894 | 0.966 |
| Entering Leg     | 67             | 147   | 11    | 0      | 225   | 12        | 232   | 27    | 0      | 271   | 13             | 61    | 50    | 0      | 124   | 63        | 313   | 28    | 0      | 404   | 1024  |
| Exiting Leg      | 101            |       |       |        |       | 337       |       |       |        |       | 237            |       |       |        |       | 349       |       |       |        |       | 1024  |
| Total            | 326            |       |       |        |       | 608       |       |       |        |       | 361            |       |       |        |       | 753       |       |       |        |       | 2048  |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 1:45 PM          | 5              | 17    | 1     | 0      | 23    | 1         | 53    | 4     | 0      | 58    | 1              | 13    | 14    | 0      | 28    | 10        | 38    | 5     | 0      | 53    | 162   |
| 2:00 PM          | 11             | 18    | 2     | 0      | 31    | 0         | 56    | 1     | 0      | 57    | 2              | 11    | 12    | 0      | 25    | 6         | 30    | 4     | 4      | 44    | 157   |
| 2:15 PM          | 6              | 18    | 3     | 0      | 27    | 2         | 77    | 3     | 0      | 82    | 0              | 12    | 12    | 0      | 24    | 8         | 33    | 2     | 1      | 44    | 177   |
| 2:30 PM          | 14             | 14    | 1     | 0      | 29    | 2         | 74    | 4     | 0      | 80    | 2              | 11    | 9     | 0      | 22    | 8         | 38    | 4     | 0      | 50    | 181   |
| Total Volume     | 36             | 67    | 7     | 0      | 110   | 5         | 260   | 12    | 0      | 277   | 5              | 47    | 47    | 0      | 99    | 32        | 139   | 15    | 5      | 191   | 677   |
| % Approach Total | 32.7           | 60.9  | 6.4   | 0.0    |       | 1.8       | 93.9  | 4.3   | 0.0    |       | 5.1            | 47.5  | 47.5  | 0.0    |       | 16.8      | 72.8  | 7.9   | 2.6    |       |       |
| PHF              | 0.643          | 0.931 | 0.583 | 0.000  | 0.887 | 0.625     | 0.844 | 0.750 | 0.000  | 0.845 | 0.625          | 0.904 | 0.839 | 0.000  | 0.884 | 0.800     | 0.914 | 0.750 | 0.313  | 0.901 | 0.935 |
| Entering Leg     | 36             | 67    | 7     | 0      | 110   | 5         | 260   | 12    | 0      | 277   | 5              | 47    | 47    | 0      | 99    | 32        | 139   | 15    | 5      | 191   | 677   |
| Exiting Leg      | 67             |       |       |        |       | 151       |       |       |        |       | 111            |       |       |        |       | 348       |       |       |        |       | 677   |
| Total            | 177            |       |       |        |       | 428       |       |       |        |       | 210            |       |       |        |       | 539       |       |       |        |       | 1354  |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 5:00 PM          | 11             | 22    | 1     | 0      | 34    | 1         | 106   | 1     | 0      | 108   | 0              | 22    | 17    | 0      | 39    | 19        | 54    | 5     | 0      | 78    | 259   |
| 5:15 PM          | 14             | 30    | 0     | 0      | 44    | 2         | 114   | 2     | 0      | 118   | 5              | 29    | 18    | 0      | 52    | 16        | 48    | 9     | 0      | 73    | 287   |
| 5:30 PM          | 10             | 23    | 0     | 0      | 33    | 4         | 108   | 9     | 0      | 121   | 1              | 28    | 12    | 0      | 41    | 12        | 49    | 9     | 0      | 70    | 265   |
| 5:45 PM          | 10             | 31    | 6     | 0      | 47    | 5         | 94    | 5     | 0      | 104   | 2              | 21    | 15    | 0      | 38    | 13        | 67    | 11    | 0      | 91    | 280   |
| Total Volume     | 45             | 106   | 7     | 0      | 158   | 12        | 422   | 17    | 0      | 451   | 8              | 100   | 62    | 0      | 170   | 60        | 218   | 34    | 0      | 312   | 1091  |
| % Approach Total | 28.5           | 67.1  | 4.4   | 0.0    |       | 2.7       | 93.6  | 3.8   | 0.0    |       | 4.7            | 58.8  | 36.5  | 0.0    |       | 19.2      | 69.9  | 10.9  | 0.0    |       |       |
| PHF              | 0.804          | 0.855 | 0.292 | 0.000  | 0.840 | 0.600     | 0.925 | 0.472 | 0.000  | 0.932 | 0.400          | 0.862 | 0.861 | 0.000  | 0.817 | 0.789     | 0.813 | 0.773 | 0.000  | 0.857 | 0.950 |
| Entering Leg     | 45             | 106   | 7     | 0      | 158   | 12        | 422   | 17    | 0      | 451   | 8              | 100   | 62    | 0      | 170   | 60        | 218   | 34    | 0      | 312   | 1091  |
| Exiting Leg      | 146            |       |       |        |       | 233       |       |       |        |       | 183            |       |       |        |       | 529       |       |       |        |       | 1091  |
| Total            | 304            |       |       |        |       | 684       |       |       |        |       | 353            |       |       |        |       | 841       |       |       |        |       | 2182  |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|          | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North     |      |      |        |       | from East |      |      |        |       | from South     |      |      |        |       | from West |      |      |        |       |       |
|          | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 1              | 2    | 0    | 0      | 3     | 1         | 1    | 1    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 6    | 0    | 0      | 6     | 12    |
| 7:15 AM  | 0              | 5    | 0    | 0      | 5     | 0         | 4    | 2    | 0      | 6     | 1              | 1    | 1    | 0      | 3     | 2         | 3    | 0    | 0      | 5     | 19    |
| 7:30 AM  | 0              | 1    | 0    | 0      | 1     | 0         | 6    | 2    | 0      | 8     | 0              | 0    | 0    | 0      | 0     | 3         | 3    | 0    | 0      | 6     | 15    |
| 7:45 AM  | 0              | 3    | 0    | 0      | 3     | 0         | 7    | 0    | 0      | 7     | 0              | 1    | 0    | 0      | 1     | 1         | 4    | 1    | 0      | 6     | 17    |
| Total    | 1              | 11   | 0    | 0      | 12    | 1         | 18   | 5    | 0      | 24    | 1              | 2    | 1    | 0      | 4     | 6         | 16   | 1    | 0      | 23    | 63    |
| 8:00 AM  | 0              | 1    | 1    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 0              | 1    | 0    | 0      | 1     | 0         | 7    | 0    | 0      | 7     | 13    |
| 8:15 AM  | 0              | 1    | 0    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 8     |
| 8:30 AM  | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 2         | 2    | 0    | 0      | 4     | 8     |
| 8:45 AM  | 0              | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 1              | 1    | 0    | 0      | 2     | 1         | 3    | 0    | 0      | 4     | 10    |
| Total    | 0              | 4    | 1    | 0      | 5     | 0         | 13   | 0    | 0      | 13    | 1              | 3    | 0    | 0      | 4     | 3         | 14   | 0    | 0      | 17    | 39    |
| 9:00 AM  | 0              | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 1    | 0      | 1     | 1         | 5    | 1    | 0      | 7     | 12    |
| 9:15 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 1    | 0    | 0      | 1     | 1         | 5    | 1    | 0      | 7     | 9     |
| 9:30 AM  | 0              | 2    | 0    | 0      | 2     | 0         | 6    | 0    | 0      | 6     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 11    |
| 9:45 AM  | 2              | 0    | 0    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 1    | 0      | 1     | 1         | 3    | 0    | 0      | 4     | 10    |
| Total    | 2              | 3    | 0    | 0      | 5     | 0         | 13   | 0    | 0      | 13    | 0              | 1    | 2    | 0      | 3     | 3         | 16   | 2    | 0      | 21    | 42    |
| 10:00 AM | 0              | 0    | 0    | 0      | 0     | 1         | 6    | 0    | 0      | 7     | 0              | 0    | 1    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 13    |
| 10:15 AM | 0              | 1    | 0    | 0      | 1     | 0         | 7    | 0    | 0      | 7     | 0              | 1    | 1    | 0      | 2     | 0         | 5    | 0    | 0      | 5     | 15    |
| 10:30 AM | 2              | 0    | 0    | 0      | 2     | 1         | 4    | 1    | 0      | 6     | 1              | 0    | 0    | 0      | 1     | 1         | 2    | 0    | 0      | 3     | 12    |
| 10:45 AM | 0              | 0    | 0    | 0      | 0     | 1         | 3    | 1    | 0      | 5     | 0              | 1    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 10    |
| Total    | 2              | 1    | 0    | 0      | 3     | 3         | 20   | 2    | 0      | 25    | 1              | 2    | 2    | 0      | 5     | 1         | 16   | 0    | 0      | 17    | 50    |
| 11:00 AM | 0              | 0    | 0    | 0      | 0     | 0         | 6    | 0    | 0      | 6     | 0              | 1    | 0    | 0      | 1     | 1         | 2    | 0    | 0      | 3     | 10    |
| 11:15 AM | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 0         | 6    | 0    | 0      | 6     | 9     |
| 11:30 AM | 0              | 2    | 1    | 0      | 3     | 0         | 6    | 1    | 0      | 7     | 0              | 0    | 0    | 0      | 0     | 0         | 5    | 1    | 0      | 6     | 16    |
| 11:45 AM | 1              | 1    | 0    | 0      | 2     | 0         | 7    | 1    | 0      | 8     | 0              | 1    | 0    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 16    |
| Total    | 1              | 3    | 1    | 0      | 5     | 0         | 21   | 2    | 0      | 23    | 0              | 3    | 0    | 0      | 3     | 1         | 18   | 1    | 0      | 20    | 51    |
| 12:00 PM | 0              | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 1              | 0    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 8     |
| 12:15 PM | 0              | 0    | 0    | 0      | 0     | 0         | 6    | 0    | 0      | 6     | 0              | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 10    |
| 12:30 PM | 0              | 1    | 0    | 0      | 1     | 0         | 4    | 2    | 0      | 6     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 1    | 0      | 4     | 11    |
| 12:45 PM | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 1    | 0      | 1     | 1         | 4    | 0    | 0      | 5     | 9     |
| Total    | 0              | 1    | 0    | 0      | 1     | 1         | 15   | 2    | 0      | 18    | 1              | 0    | 1    | 0      | 2     | 1         | 15   | 1    | 0      | 17    | 38    |
| 1:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 2    | 1    | 0      | 3     | 0         | 3    | 1    | 0      | 4     | 7     |
| 1:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 1    | 1    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 6     |
| 1:30 PM  | 2              | 1    | 0    | 0      | 3     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 9     |
| 1:45 PM  | 1              | 1    | 0    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 1    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 8     |
| Total    | 3              | 2    | 0    | 0      | 5     | 0         | 8    | 0    | 0      | 8     | 0              | 4    | 3    | 0      | 7     | 0         | 9    | 1    | 0      | 10    | 30    |
| 2:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 5    | 0    | 0      | 5     | 1              | 1    | 0    | 0      | 2     | 1         | 4    | 0    | 0      | 5     | 12    |
| 2:15 PM  | 1              | 1    | 0    | 0      | 2     | 0         | 2    | 1    | 0      | 3     | 0              | 1    | 1    | 0      | 2     | 0         | 2    | 0    | 0      | 2     | 9     |
| 2:30 PM  | 0              | 1    | 0    | 0      | 1     | 0         | 3    | 1    | 0      | 4     | 0              | 0    | 0    | 0      | 0     | 1         | 3    | 0    | 0      | 4     | 9     |
| 2:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 1              | 1    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 5     |
| Total    | 1              | 2    | 0    | 0      | 3     | 0         | 12   | 2    | 0      | 14    | 2              | 3    | 1    | 0      | 6     | 2         | 10   | 0    | 0      | 12    | 35    |
| 3:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 0              | 0    | 1    | 0      | 1     | 1         | 3    | 0    | 0      | 4     | 9     |
| 3:15 PM  | 0              | 1    | 0    | 0      | 1     | 0         | 6    | 0    | 0      | 6     | 0              | 0    | 1    | 0      | 1     | 1         | 1    | 0    | 0      | 2     | 10    |
| 3:30 PM  | 1              | 0    | 0    | 0      | 1     | 2         | 6    | 0    | 0      | 8     | 0              | 2    | 0    | 0      | 2     | 1         | 3    | 0    | 0      | 4     | 15    |
| 3:45 PM  | 0              | 1    | 0    | 0      | 1     | 0         | 6    | 1    | 0      | 7     | 0              | 3    | 0    | 0      | 3     | 1         | 2    | 0    | 0      | 3     | 14    |
| Total    | 1              | 2    | 0    | 0      | 3     | 2         | 22   | 1    | 0      | 25    | 0              | 5    | 2    | 0      | 7     | 4         | 9    | 0    | 0      | 13    | 48    |
| 4:00 PM  | 0              | 1    | 0    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 0              | 0    | 0    | 0      | 0     | 2         | 0    | 1    | 0      | 3     | 9     |
| 4:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 1         | 4    | 0    | 0      | 5     | 8     |
| 4:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 1    | 0      | 3     | 0              | 2    | 0    | 0      | 2     | 1         | 1    | 0    | 0      | 2     | 7     |
| 4:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 1    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 4     |
| Total    | 0              | 1    | 0    | 0      | 1     | 0         | 12   | 1    | 0      | 13    | 0              | 2    | 1    | 0      | 3     | 4         | 6    | 1    | 0      | 11    | 28    |
| 5:00 PM  | 2              | 0    | 0    | 0      | 2     | 0         | 2    | 1    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 7     |
| 5:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 4     |
| 5:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 2    | 0    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 8     |
| 5:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| Total    | 2              | 0    | 0    | 0      | 2     | 0         | 6    | 1    | 0      | 7     | 0              | 3    | 0    | 0      | 3     | 0         | 9    | 0    | 0      | 9     | 21    |
| 6:00 PM  | 0              | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 6     |
| 6:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 1         | 0    | 0    | 0      | 1     | 4     |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**



|                    | Windsor Street |          |          |          |          | Broadway  |          |          |          |          | Windsor Street |          |          |          |          | Broadway  |          |          |          |          | Total     |
|--------------------|----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------|
|                    | from North     |          |          |          |          | from East |          |          |          |          | from South     |          |          |          |          | from West |          |          |          |          |           |
|                    | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |           |
| 6:30 PM            | 0              | 0        | 0        | 0        | 0        | 0         | 2        | 0        | 0        | 2        | 0              | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 3         |
| 6:45 PM            | 0              | 1        | 0        | 0        | 1        | 0         | 1        | 0        | 0        | 1        | 0              | 1        | 0        | 0        | 1        | 0         | 1        | 0        | 0        | 1        | 4         |
| <b>Total</b>       | <b>0</b>       | <b>1</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b>  | <b>7</b> | <b>0</b> | <b>0</b> | <b>8</b> | <b>0</b>       | <b>2</b> | <b>0</b> | <b>0</b> | <b>2</b> | <b>1</b>  | <b>5</b> | <b>0</b> | <b>0</b> | <b>6</b> | <b>17</b> |
| Grand Total        | 13             | 31       | 2        | 0        | 46       | 8         | 167      | 16       | 0        | 191      | 6              | 30       | 13       | 0        | 49       | 26        | 143      | 7        | 0        | 176      | 462       |
| Approach %         | 28.3           | 67.4     | 4.3      | 0.0      |          | 4.2       | 87.4     | 8.4      | 0.0      |          | 12.2           | 61.2     | 26.5     | 0.0      |          | 14.8      | 81.3     | 4.0      | 0.0      |          |           |
| Total %            | 2.8            | 6.7      | 0.4      | 0.0      | 10.0     | 1.7       | 36.1     | 3.5      | 0.0      | 41.3     | 1.3            | 6.5      | 2.8      | 0.0      | 10.6     | 5.6       | 31.0     | 1.5      | 0.0      | 38.1     |           |
| Exiting Leg Total  | 45             |          |          |          |          | 151       |          |          |          |          | 73             |          |          |          |          | 193       |          |          |          |          | 462       |
| Buses              | 9              | 11       | 0        | 0        | 20       | 2         | 80       | 7        | 0        | 89       | 3              | 19       | 6        | 0        | 28       | 14        | 64       | 2        | 0        | 80       | 217       |
| % Buses            | 69.2           | 35.5     | 0.0      | 0.0      | 43.5     | 25.0      | 47.9     | 43.8     | 0.0      | 46.6     | 50.0           | 63.3     | 46.2     | 0.0      | 57.1     | 53.8      | 44.8     | 28.6     | 0.0      | 45.5     | 47.0      |
| Exiting Leg Total  | 23             |          |          |          |          | 67        |          |          |          |          | 32             |          |          |          |          | 95        |          |          |          |          | 217       |
| Single-Unit Trucks | 4              | 18       | 2        | 0        | 24       | 6         | 81       | 7        | 0        | 94       | 2              | 10       | 7        | 0        | 19       | 12        | 69       | 4        | 0        | 85       | 222       |
| % Single-Unit      | 30.8           | 58.1     | 100.0    | 0.0      | 52.2     | 75.0      | 48.5     | 43.8     | 0.0      | 49.2     | 33.3           | 33.3     | 53.8     | 0.0      | 38.8     | 46.2      | 48.3     | 57.1     | 0.0      | 48.3     | 48.1      |
| Exiting Leg Total  | 20             |          |          |          |          | 73        |          |          |          |          | 37             |          |          |          |          | 92        |          |          |          |          | 222       |
| Articulated Trucks | 0              | 2        | 0        | 0        | 2        | 0         | 6        | 2        | 0        | 8        | 1              | 1        | 0        | 0        | 2        | 0         | 10       | 1        | 0        | 11       | 23        |
| % Articulated      | 0.0            | 6.5      | 0.0      | 0.0      | 4.3      | 0.0       | 3.6      | 12.5     | 0.0      | 4.2      | 16.7           | 3.3      | 0.0      | 0.0      | 4.1      | 0.0       | 7.0      | 14.3     | 0.0      | 6.3      | 5.0       |
| Exiting Leg Total  | 2              |          |          |          |          | 11        |          |          |          |          | 4              |          |          |          |          | 6         |          |          |          |          | 23        |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                    | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                    | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:15 AM            | 0              | 5     | 0     | 0      | 5     | 0         | 4     | 2     | 0      | 6     | 1              | 1     | 1     | 0      | 3     | 2         | 3     | 0     | 0      | 5     | 19    |
| 7:30 AM            | 0              | 1     | 0     | 0      | 1     | 0         | 6     | 2     | 0      | 8     | 0              | 0     | 0     | 0      | 0     | 3         | 3     | 0     | 0      | 6     | 15    |
| 7:45 AM            | 0              | 3     | 0     | 0      | 3     | 0         | 7     | 0     | 0      | 7     | 0              | 1     | 0     | 0      | 1     | 1         | 4     | 1     | 0      | 6     | 17    |
| 8:00 AM            | 0              | 1     | 1     | 0      | 2     | 0         | 3     | 0     | 0      | 3     | 0              | 1     | 0     | 0      | 1     | 0         | 7     | 0     | 0      | 7     | 13    |
| Total Volume       | 0              | 10    | 1     | 0      | 11    | 0         | 20    | 4     | 0      | 24    | 1              | 3     | 1     | 0      | 5     | 6         | 17    | 1     | 0      | 24    | 64    |
| % Approach Total   | 0.0            | 90.9  | 9.1   | 0.0    |       | 0.0       | 83.3  | 16.7  | 0.0    |       | 20.0           | 60.0  | 20.0  | 0.0    |       | 25.0      | 70.8  | 4.2   | 0.0    |       |       |
| PHF                | 0.000          | 0.500 | 0.250 | 0.000  | 0.550 | 0.000     | 0.714 | 0.500 | 0.000  | 0.750 | 0.250          | 0.750 | 0.250 | 0.000  | 0.417 | 0.500     | 0.607 | 0.250 | 0.000  | 0.857 | 0.842 |
| Buses              | 0              | 5     | 0     | 0      | 5     | 0         | 13    | 2     | 0      | 15    | 1              | 1     | 1     | 0      | 3     | 5         | 7     | 1     | 0      | 13    | 36    |
| Buses %            | 0.0            | 50.0  | 0.0   | 0.0    | 45.5  | 0.0       | 65.0  | 50.0  | 0.0    | 62.5  | 100.0          | 33.3  | 100.0 | 0.0    | 60.0  | 83.3      | 41.2  | 100.0 | 0.0    | 54.2  | 56.3  |
| Single-Unit Trucks | 0              | 5     | 1     | 0      | 6     | 0         | 6     | 0     | 0      | 6     | 0              | 1     | 0     | 0      | 1     | 1         | 7     | 0     | 0      | 8     | 21    |
| Single-Unit %      | 0.0            | 50.0  | 100.0 | 0.0    | 54.5  | 0.0       | 30.0  | 0.0   | 0.0    | 25.0  | 0.0            | 33.3  | 0.0   | 0.0    | 20.0  | 16.7      | 41.2  | 0.0   | 0.0    | 33.3  | 32.8  |
| Articulated Trucks | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 2     | 0      | 3     | 0              | 1     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 7     |
| Articulated %      | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 5.0   | 50.0  | 0.0    | 12.5  | 0.0            | 33.3  | 0.0   | 0.0    | 20.0  | 0.0       | 17.6  | 0.0   | 0.0    | 12.5  | 10.9  |
| Buses              | 0              | 5     | 0     | 0      | 5     | 0         | 13    | 2     | 0      | 15    | 1              | 1     | 1     | 0      | 3     | 5         | 7     | 1     | 0      | 13    | 36    |
| Single-Unit Trucks | 0              | 5     | 1     | 0      | 6     | 0         | 6     | 0     | 0      | 6     | 0              | 1     | 0     | 0      | 1     | 1         | 7     | 0     | 0      | 8     | 21    |
| Articulated Trucks | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 2     | 0      | 3     | 0              | 1     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 7     |
| Total Entering Leg | 0              | 10    | 1     | 0      | 11    | 0         | 20    | 4     | 0      | 24    | 1              | 3     | 1     | 0      | 5     | 6         | 17    | 1     | 0      | 24    | 64    |
| Buses              | 2              |       |       |        |       | 8         |       |       |        |       | 12             |       |       |        |       | 14        |       |       |        |       | 36    |
| Single-Unit Trucks | 1              |       |       |        |       | 8         |       |       |        |       | 6              |       |       |        |       | 6         |       |       |        |       | 21    |
| Articulated Trucks | 1              |       |       |        |       | 3         |       |       |        |       | 2              |       |       |        |       | 1         |       |       |        |       | 7     |
| Total Exiting Leg  | 4              |       |       |        |       | 19        |       |       |        |       | 20             |       |       |        |       | 21        |       |       |        |       | 64    |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                    | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|--------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                    | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                    | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 11:00 AM           | 0              | 0     | 0     | 0      | 0     | 0         | 6     | 0     | 0      | 6     | 0              | 1     | 0     | 0      | 1     | 1         | 2     | 0     | 0      | 3     | 10    |
| 11:15 AM           | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0              | 1     | 0     | 0      | 1     | 0         | 6     | 0     | 0      | 6     | 9     |
| 11:30 AM           | 0              | 2     | 1     | 0      | 3     | 0         | 6     | 1     | 0      | 7     | 0              | 0     | 0     | 0      | 0     | 0         | 5     | 1     | 0      | 6     | 16    |
| 11:45 AM           | 1              | 1     | 0     | 0      | 2     | 0         | 7     | 1     | 0      | 8     | 0              | 1     | 0     | 0      | 1     | 0         | 5     | 0     | 0      | 5     | 16    |
| Total Volume       | 1              | 3     | 1     | 0      | 5     | 0         | 21    | 2     | 0      | 23    | 0              | 3     | 0     | 0      | 3     | 1         | 18    | 1     | 0      | 20    | 51    |
| % Approach Total   | 20.0           | 60.0  | 20.0  | 0.0    |       | 0.0       | 91.3  | 8.7   | 0.0    |       | 0.0            | 100.0 | 0.0   | 0.0    |       | 5.0       | 90.0  | 5.0   | 0.0    |       |       |
| PHF                | 0.250          | 0.375 | 0.250 | 0.000  | 0.417 | 0.000     | 0.750 | 0.500 | 0.000  | 0.719 | 0.000          | 0.750 | 0.000 | 0.000  | 0.750 | 0.250     | 0.750 | 0.250 | 0.000  | 0.833 | 0.797 |
| Buses              | 0              | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 0              | 1     | 0     | 0      | 1     | 0         | 4     | 0     | 0      | 4     | 9     |
| Buses %            | 0.0            | 0.0   | 0.0   | 0.0    | 0.0   | 0.0       | 19.0  | 0.0   | 0.0    | 17.4  | 0.0            | 33.3  | 0.0   | 0.0    | 33.3  | 0.0       | 22.2  | 0.0   | 0.0    | 20.0  | 17.6  |
| Single-Unit Trucks | 1              | 3     | 1     | 0      | 5     | 0         | 17    | 2     | 0      | 19    | 0              | 2     | 0     | 0      | 2     | 1         | 13    | 1     | 0      | 15    | 41    |
| Single-Unit %      | 100.0          | 100.0 | 100.0 | 0.0    | 100.0 | 0.0       | 81.0  | 100.0 | 0.0    | 82.6  | 0.0            | 66.7  | 0.0   | 0.0    | 66.7  | 100.0     | 72.2  | 100.0 | 0.0    | 75.0  | 80.4  |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

|                           | Windsor Street |          |          |          |          | Broadway  |           |          |          |           | Windsor Street |          |          |          |          | Broadway  |           |          |          |           | Total     |
|---------------------------|----------------|----------|----------|----------|----------|-----------|-----------|----------|----------|-----------|----------------|----------|----------|----------|----------|-----------|-----------|----------|----------|-----------|-----------|
|                           | from North     |          |          |          |          | from East |           |          |          |           | from South     |          |          |          |          | from West |           |          |          |           |           |
|                           | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru      | Left     | U-Turn   | Total     | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru      | Left     | U-Turn   | Total     |           |
| Articulated Trucks        | 0              | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0         | 0              | 0        | 0        | 0        | 0        | 0         | 1         | 0        | 0        | 1         | 1         |
| Articulated %             | 0.0            | 0.0      | 0.0      | 0.0      | 0.0      | 0.0       | 0.0       | 0.0      | 0.0      | 0.0       | 0.0            | 0.0      | 0.0      | 0.0      | 0.0      | 0.0       | 5.6       | 0.0      | 0.0      | 5.0       | 2.0       |
| Buses                     | 0              | 0        | 0        | 0        | 0        | 0         | 4         | 0        | 0        | 4         | 0              | 1        | 0        | 0        | 1        | 0         | 4         | 0        | 0        | 4         | 9         |
| Single-Unit Trucks        | 1              | 3        | 1        | 0        | 5        | 0         | 17        | 2        | 0        | 19        | 0              | 2        | 0        | 0        | 2        | 1         | 13        | 1        | 0        | 15        | 41        |
| Articulated Trucks        | 0              | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0         | 0              | 0        | 0        | 0        | 0        | 0         | 1         | 0        | 0        | 1         | 1         |
| <b>Total Entering Leg</b> | <b>1</b>       | <b>3</b> | <b>1</b> | <b>0</b> | <b>5</b> | <b>0</b>  | <b>21</b> | <b>2</b> | <b>0</b> | <b>23</b> | <b>0</b>       | <b>3</b> | <b>0</b> | <b>0</b> | <b>3</b> | <b>1</b>  | <b>18</b> | <b>1</b> | <b>0</b> | <b>20</b> | <b>51</b> |
| Buses                     |                |          |          |          | 1        |           |           |          |          | 4         |                |          |          |          | 0        |           |           |          |          | 4         | 9         |
| Single-Unit Trucks        |                |          |          |          | 3        |           |           |          |          | 14        |                |          |          |          | 6        |           |           |          |          | 18        | 41        |
| Articulated Trucks        |                |          |          |          | 0        |           |           |          |          | 1         |                |          |          |          | 0        |           |           |          |          | 0         | 1         |
| <b>Total Exiting Leg</b>  |                |          |          |          | <b>4</b> |           |           |          |          | <b>19</b> |                |          |          |          | <b>6</b> |           |           |          |          | <b>22</b> | <b>51</b> |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

| 3:00 PM                   | Windsor Street |             |            |            |              | Broadway   |             |            |            |              | Windsor Street |             |             |            |              | Broadway    |             |            |            |              | Total        |
|---------------------------|----------------|-------------|------------|------------|--------------|------------|-------------|------------|------------|--------------|----------------|-------------|-------------|------------|--------------|-------------|-------------|------------|------------|--------------|--------------|
|                           | from North     |             |            |            |              | from East  |             |            |            |              | from South     |             |             |            |              | from West   |             |            |            |              |              |
|                           | Right          | Thru        | Left       | U-Turn     | Total        | Right      | Thru        | Left       | U-Turn     | Total        | Right          | Thru        | Left        | U-Turn     | Total        | Right       | Thru        | Left       | U-Turn     | Total        |              |
| 3:00 PM                   | 0              | 0           | 0          | 0          | 0            | 0          | 4           | 0          | 0          | 4            | 0              | 0           | 1           | 0          | 1            | 1           | 3           | 0          | 0          | 4            | 9            |
| 3:15 PM                   | 0              | 1           | 0          | 0          | 1            | 0          | 6           | 0          | 0          | 6            | 0              | 0           | 1           | 0          | 1            | 1           | 1           | 0          | 0          | 2            | 10           |
| 3:30 PM                   | 1              | 0           | 0          | 0          | 1            | 2          | 6           | 0          | 0          | 8            | 0              | 2           | 0           | 0          | 2            | 1           | 3           | 0          | 0          | 4            | 15           |
| 3:45 PM                   | 0              | 1           | 0          | 0          | 1            | 0          | 6           | 1          | 0          | 7            | 0              | 3           | 0           | 0          | 3            | 1           | 2           | 0          | 0          | 3            | 14           |
| <b>Total Volume</b>       | <b>1</b>       | <b>2</b>    | <b>0</b>   | <b>0</b>   | <b>3</b>     | <b>2</b>   | <b>22</b>   | <b>1</b>   | <b>0</b>   | <b>25</b>    | <b>0</b>       | <b>5</b>    | <b>2</b>    | <b>0</b>   | <b>7</b>     | <b>4</b>    | <b>9</b>    | <b>0</b>   | <b>0</b>   | <b>13</b>    | <b>48</b>    |
| <b>% Approach Total</b>   | <b>33.3</b>    | <b>66.7</b> | <b>0.0</b> | <b>0.0</b> | <b>0.750</b> | <b>8.0</b> | <b>88.0</b> | <b>4.0</b> | <b>0.0</b> | <b>0.781</b> | <b>0.0</b>     | <b>71.4</b> | <b>28.6</b> | <b>0.0</b> | <b>0.583</b> | <b>30.8</b> | <b>69.2</b> | <b>0.0</b> | <b>0.0</b> | <b>0.813</b> | <b>0.800</b> |
| PHF                       | 0.250          | 0.500       | 0.000      | 0.000      | 0.750        | 0.250      | 0.917       | 0.250      | 0.000      | 0.781        | 0.000          | 0.417       | 0.500       | 0.000      | 0.583        | 1.000       | 0.750       | 0.000      | 0.000      | 0.813        | 0.800        |
| Buses                     | 1              | 0           | 0          | 0          | 1            | 1          | 14          | 0          | 0          | 15           | 0              | 5           | 2           | 0          | 7            | 2           | 8           | 0          | 0          | 10           | 33           |
| Buses %                   | 100.0          | 0.0         | 0.0        | 0.0        | 33.3         | 50.0       | 63.6        | 0.0        | 0.0        | 60.0         | 0.0            | 100.0       | 100.0       | 0.0        | 100.0        | 50.0        | 88.9        | 0.0        | 0.0        | 76.9         | 68.8         |
| Single-Unit Trucks        | 0              | 2           | 0          | 0          | 2            | 1          | 8           | 1          | 0          | 10           | 0              | 0           | 0           | 0          | 0            | 2           | 1           | 0          | 0          | 3            | 15           |
| Single-Unit %             | 0.0            | 100.0       | 0.0        | 0.0        | 66.7         | 50.0       | 36.4        | 100.0      | 0.0        | 40.0         | 0.0            | 0.0         | 0.0         | 0.0        | 0.0          | 50.0        | 11.1        | 0.0        | 0.0        | 23.1         | 31.3         |
| Articulated Trucks        | 0              | 0           | 0          | 0          | 0            | 0          | 0           | 0          | 0          | 0            | 0              | 0           | 0           | 0          | 0            | 0           | 0           | 0          | 0          | 0            | 0            |
| Articulated %             | 0.0            | 0.0         | 0.0        | 0.0        | 0.0          | 0.0        | 0.0         | 0.0        | 0.0        | 0.0          | 0.0            | 0.0         | 0.0         | 0.0        | 0.0          | 0.0         | 0.0         | 0.0        | 0.0        | 0.0          | 0.0          |
| Buses                     | 1              | 0           | 0          | 0          | 1            | 1          | 14          | 0          | 0          | 15           | 0              | 5           | 2           | 0          | 7            | 2           | 8           | 0          | 0          | 10           | 33           |
| Single-Unit Trucks        | 0              | 2           | 0          | 0          | 2            | 1          | 8           | 1          | 0          | 10           | 0              | 0           | 0           | 0          | 0            | 2           | 1           | 0          | 0          | 3            | 15           |
| Articulated Trucks        | 0              | 0           | 0          | 0          | 0            | 0          | 0           | 0          | 0          | 0            | 0              | 0           | 0           | 0          | 0            | 0           | 0           | 0          | 0          | 0            | 0            |
| <b>Total Entering Leg</b> | <b>1</b>       | <b>2</b>    | <b>0</b>   | <b>0</b>   | <b>3</b>     | <b>2</b>   | <b>22</b>   | <b>1</b>   | <b>0</b>   | <b>25</b>    | <b>0</b>       | <b>5</b>    | <b>2</b>    | <b>0</b>   | <b>7</b>     | <b>4</b>    | <b>9</b>    | <b>0</b>   | <b>0</b>   | <b>13</b>    | <b>48</b>    |
| Buses                     |                |             |            |            | 6            |            |             |            |            | 8            |                |             |             |            | 2            |             |             |            |            | 17           | 33           |
| Single-Unit Trucks        |                |             |            |            | 1            |            |             |            |            | 1            |                |             |             |            | 5            |             |             |            |            | 8            | 15           |
| Articulated Trucks        |                |             |            |            | 0            |            |             |            |            | 0            |                |             |             |            | 0            |             |             |            |            | 0            | 0            |
| <b>Total Exiting Leg</b>  |                |             |            |            | <b>7</b>     |            |             |            |            | <b>9</b>     |                |             |             |            | <b>7</b>     |             |             |            |            | <b>25</b>    | <b>48</b>    |



PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Buses**

|              | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|--------------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|              | from North     |      |      |        |       | from East |      |      |        |       | from South     |      |      |        |       | from West |      |      |        |       |       |
|              | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM      | 0              | 0    | 0    | 0      | 0     | 1         | 1    | 1    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 6     |
| 7:15 AM      | 0              | 3    | 0    | 0      | 3     | 0         | 2    | 1    | 0      | 3     | 1              | 0    | 1    | 0      | 2     | 1         | 1    | 0    | 0      | 2     | 10    |
| 7:30 AM      | 0              | 0    | 0    | 0      | 0     | 0         | 5    | 1    | 0      | 6     | 0              | 0    | 0    | 0      | 0     | 3         | 2    | 0    | 0      | 5     | 11    |
| 7:45 AM      | 0              | 1    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 0              | 1    | 0    | 0      | 1     | 1         | 2    | 1    | 0      | 4     | 10    |
| <b>Total</b> | 0              | 4    | 0    | 0      | 4     | 1         | 12   | 3    | 0      | 16    | 1              | 1    | 1    | 0      | 3     | 5         | 8    | 1    | 0      | 14    | 37    |
| 8:00 AM      | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 5     |
| 8:15 AM      | 0              | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 5     |
| 8:30 AM      | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 1    | 0    | 0      | 1     | 1         | 1    | 0    | 0      | 2     | 3     |
| 8:45 AM      | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 5     |
| <b>Total</b> | 0              | 2    | 0    | 0      | 2     | 0         | 7    | 0    | 0      | 7     | 0              | 1    | 0    | 0      | 1     | 2         | 6    | 0    | 0      | 8     | 18    |
| 9:00 AM      | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 3     |
| 9:15 AM      | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 1    | 0      | 2     | 4     |
| 9:30 AM      | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |
| 9:45 AM      | 1              | 0    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 1         | 1    | 0    | 0      | 2     | 4     |
| <b>Total</b> | 1              | 1    | 0    | 0      | 2     | 0         | 4    | 0    | 0      | 4     | 0              | 1    | 0    | 0      | 1     | 1         | 5    | 1    | 0      | 7     | 14    |
| 10:00 AM     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 6     |
| 10:15 AM     | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 5     |
| 10:30 AM     | 1              | 0    | 0    | 0      | 1     | 0         | 3    | 1    | 0      | 4     | 1              | 0    | 0    | 0      | 1     | 1         | 0    | 0    | 0      | 1     | 7     |
| 10:45 AM     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 4     |
| <b>Total</b> | 1              | 1    | 0    | 0      | 2     | 0         | 8    | 2    | 0      | 10    | 1              | 2    | 0    | 0      | 3     | 1         | 6    | 0    | 0      | 7     | 22    |
| 11:00 AM     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 11:15 AM     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 3     |
| 11:30 AM     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 2     |
| 11:45 AM     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 3     |
| <b>Total</b> | 0              | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 0              | 1    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 9     |
| 12:00 PM     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 1     |
| 12:15 PM     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 4     |
| 12:30 PM     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 12:45 PM     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 1     |
| <b>Total</b> | 0              | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 0              | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 8     |
| 1:00 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 3     |
| 1:15 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 1    | 1    | 0      | 2     | 0         | 0    | 0    | 0      | 0     | 5     |
| 1:30 PM      | 2              | 0    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 0              | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 7     |
| 1:45 PM      | 1              | 1    | 0    | 0      | 2     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 1    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 6     |
| <b>Total</b> | 3              | 1    | 0    | 0      | 4     | 0         | 6    | 0    | 0      | 6     | 0              | 3    | 2    | 0      | 5     | 0         | 6    | 0    | 0      | 6     | 21    |
| 2:00 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 4     |
| 2:15 PM      | 1              | 1    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 0              | 1    | 1    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 6     |
| 2:30 PM      | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 1    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 5     |
| 2:45 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1              | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| <b>Total</b> | 1              | 2    | 0    | 0      | 3     | 0         | 6    | 1    | 0      | 7     | 1              | 2    | 1    | 0      | 4     | 0         | 2    | 0    | 0      | 2     | 16    |
| 3:00 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 1    | 0      | 1     | 1         | 3    | 0    | 0      | 4     | 7     |
| 3:15 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 3     |
| 3:30 PM      | 1              | 0    | 0    | 0      | 1     | 1         | 4    | 0    | 0      | 5     | 0              | 2    | 0    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 11    |
| 3:45 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 6    | 0    | 0      | 6     | 0              | 3    | 0    | 0      | 3     | 1         | 2    | 0    | 0      | 3     | 12    |
| <b>Total</b> | 1              | 0    | 0    | 0      | 1     | 1         | 14   | 0    | 0      | 15    | 0              | 5    | 2    | 0      | 7     | 2         | 8    | 0    | 0      | 10    | 33    |
| 4:00 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 3     |
| 4:15 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 1         | 3    | 0    | 0      | 4     | 6     |
| 4:30 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 1         | 1    | 0    | 0      | 2     | 5     |
| 4:45 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| <b>Total</b> | 0              | 0    | 0    | 0      | 0     | 0         | 7    | 0    | 0      | 7     | 0              | 1    | 0    | 0      | 1     | 3         | 5    | 0    | 0      | 8     | 16    |
| 5:00 PM      | 2              | 0    | 0    | 0      | 2     | 0         | 2    | 1    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 6     |
| 5:15 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 3     |
| 5:30 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 2    | 0    | 0      | 2     | 0         | 2    | 0    | 0      | 2     | 6     |
| 5:45 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| <b>Total</b> | 2              | 0    | 0    | 0      | 2     | 0         | 4    | 1    | 0      | 5     | 0              | 2    | 0    | 0      | 2     | 0         | 6    | 0    | 0      | 6     | 15    |
| 6:00 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 4     |
| 6:15 PM      | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Buses**

|                   | Windsor Street |          |          |          |          | Broadway  |          |          |          |          | Windsor Street |          |          |          |          | Broadway  |          |          |          |          | Total    |
|-------------------|----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|                   | from North     |          |          |          |          | from East |          |          |          |          | from South     |          |          |          |          | from West |          |          |          |          |          |
|                   | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |          |
| 6:30 PM           | 0              | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 0              | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 2        |
| 6:45 PM           | 0              | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0              | 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>0</b>  | <b>4</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>0</b>       | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>4</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>8</b> |
| Grand Total       | 9              | 11       | 0        | 0        | 20       | 2         | 80       | 7        | 0        | 89       | 3              | 19       | 6        | 0        | 28       | 14        | 64       | 2        | 0        | 80       | 217      |
| Approach %        | 45.0           | 55.0     | 0.0      | 0.0      |          | 2.2       | 89.9     | 7.9      | 0.0      |          | 10.7           | 67.9     | 21.4     | 0.0      |          | 17.5      | 80.0     | 2.5      | 0.0      |          |          |
| Total %           | 4.1            | 5.1      | 0.0      | 0.0      | 9.2      | 0.9       | 36.9     | 3.2      | 0.0      | 41.0     | 1.4            | 8.8      | 2.8      | 0.0      | 12.9     | 6.5       | 29.5     | 0.9      | 0.0      | 36.9     |          |
| Exiting Leg Total | 23             |          |          |          |          | 67        |          |          |          |          | 32             |          |          |          |          | 95        |          |          |          |          | 217      |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 7:00 AM          | 0              | 0     | 0     | 0      | 0     | 1         | 1     | 1     | 0      | 3     | 0              | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 6     |
| 7:00 AM          | 0              | 3     | 0     | 0      | 3     | 0         | 2     | 1     | 0      | 3     | 1              | 0     | 1     | 0      | 2     | 1         | 1     | 0     | 0      | 2     | 10    |
| 7:15 AM          | 0              | 0     | 0     | 0      | 0     | 0         | 5     | 1     | 0      | 6     | 0              | 0     | 0     | 0      | 0     | 3         | 2     | 0     | 0      | 5     | 11    |
| 7:30 AM          | 0              | 1     | 0     | 0      | 1     | 0         | 4     | 0     | 0      | 4     | 0              | 1     | 0     | 0      | 1     | 1         | 2     | 1     | 0      | 4     | 10    |
| 7:45 AM          | 0              | 4     | 0     | 0      | 4     | 1         | 12    | 3     | 0      | 16    | 1              | 1     | 1     | 0      | 3     | 5         | 8     | 1     | 0      | 14    | 37    |
| Total Volume     | 0              | 4     | 0     | 0      | 4     | 1         | 42    | 3     | 0      | 16    | 1              | 1     | 1     | 0      | 3     | 5         | 8     | 1     | 0      | 14    | 37    |
| % Approach Total | 0.0            | 100.0 | 0.0   | 0.0    |       | 6.3       | 75.0  | 18.8  | 0.0    |       | 33.3           | 33.3  | 33.3  | 0.0    |       | 35.7      | 57.1  | 7.1   | 0.0    |       |       |
| PHF              | 0.000          | 0.333 | 0.000 | 0.000  | 0.333 | 0.250     | 0.600 | 0.750 | 0.000  | 0.667 | 0.250          | 0.250 | 0.250 | 0.000  | 0.375 | 0.417     | 0.667 | 0.250 | 0.000  | 0.700 | 0.841 |
| Entering Leg     | 0              | 4     | 0     | 0      | 4     | 1         | 12    | 3     | 0      | 16    | 1              | 1     | 1     | 0      | 3     | 5         | 8     | 1     | 0      | 14    | 37    |
| Exiting Leg      | 3              |       |       |        |       | 9         |       |       |        |       | 12             |       |       |        |       | 13        |       |       |        |       | 37    |
| Total            | 7              |       |       |        |       | 25        |       |       |        |       | 15             |       |       |        |       | 27        |       |       |        |       | 74    |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 1:30 PM          | 2              | 0     | 0     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 0              | 1     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 7     |
| 1:30 PM          | 1              | 1     | 0     | 0      | 2     | 0         | 2     | 0     | 0      | 2     | 0              | 0     | 1     | 0      | 1     | 0         | 1     | 0     | 0      | 1     | 6     |
| 1:45 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 3     | 0     | 0      | 3     | 0              | 1     | 0     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 4     |
| 2:00 PM          | 1              | 1     | 0     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 0              | 1     | 1     | 0      | 2     | 0         | 1     | 0     | 0      | 1     | 6     |
| 2:15 PM          | 4              | 2     | 0     | 0      | 6     | 0         | 7     | 0     | 0      | 7     | 0              | 3     | 2     | 0      | 5     | 0         | 5     | 0     | 0      | 5     | 23    |
| Total Volume     | 66.7           | 33.3  | 0.0   | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       | 0.0            | 60.0  | 40.0  | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| % Approach Total | 0.500          | 0.500 | 0.000 | 0.000  | 0.750 | 0.000     | 0.583 | 0.000 | 0.000  | 0.583 | 0.000          | 0.750 | 0.500 | 0.000  | 0.625 | 0.000     | 0.417 | 0.000 | 0.000  | 0.417 | 0.821 |
| PHF              | 0.500          | 0.500 | 0.000 | 0.000  | 0.750 | 0.000     | 0.583 | 0.000 | 0.000  | 0.583 | 0.000          | 0.750 | 0.500 | 0.000  | 0.625 | 0.000     | 0.417 | 0.000 | 0.000  | 0.417 | 0.821 |
| Entering Leg     | 4              | 2     | 0     | 0      | 6     | 0         | 7     | 0     | 0      | 7     | 0              | 3     | 2     | 0      | 5     | 0         | 5     | 0     | 0      | 5     | 23    |
| Exiting Leg      | 3              |       |       |        |       | 5         |       |       |        |       | 2              |       |       |        |       | 13        |       |       |        |       | 23    |
| Total            | 9              |       |       |        |       | 12        |       |       |        |       | 7              |       |       |        |       | 18        |       |       |        |       | 46    |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 3:00 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0              | 0     | 1     | 0      | 1     | 1         | 3     | 0     | 0      | 4     | 7     |
| 3:00 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 2     | 0     | 0      | 2     | 0              | 0     | 1     | 0      | 1     | 0         | 0     | 0     | 0      | 0     | 3     |
| 3:15 PM          | 1              | 0     | 0     | 0      | 1     | 1         | 4     | 0     | 0      | 5     | 0              | 2     | 0     | 0      | 2     | 0         | 3     | 0     | 0      | 3     | 11    |
| 3:30 PM          | 0              | 0     | 0     | 0      | 0     | 0         | 6     | 0     | 0      | 6     | 0              | 3     | 0     | 0      | 3     | 1         | 2     | 0     | 0      | 3     | 12    |
| 3:45 PM          | 1              | 0     | 0     | 0      | 1     | 1         | 14    | 0     | 0      | 15    | 0              | 5     | 2     | 0      | 7     | 2         | 8     | 0     | 0      | 10    | 33    |
| Total Volume     | 100.0          | 0.0   | 0.0   | 0.0    |       | 6.7       | 93.3  | 0.0   | 0.0    |       | 0.0            | 71.4  | 28.6  | 0.0    |       | 20.0      | 80.0  | 0.0   | 0.0    |       |       |
| % Approach Total | 0.250          | 0.000 | 0.000 | 0.000  | 0.250 | 0.250     | 0.583 | 0.000 | 0.000  | 0.625 | 0.000          | 0.417 | 0.500 | 0.000  | 0.583 | 0.500     | 0.667 | 0.000 | 0.000  | 0.625 | 0.688 |
| PHF              | 0.250          | 0.000 | 0.000 | 0.000  | 0.250 | 0.250     | 0.583 | 0.000 | 0.000  | 0.625 | 0.000          | 0.417 | 0.500 | 0.000  | 0.583 | 0.500     | 0.667 | 0.000 | 0.000  | 0.625 | 0.688 |
| Entering Leg     | 1              | 0     | 0     | 0      | 1     | 1         | 14    | 0     | 0      | 15    | 0              | 5     | 2     | 0      | 7     | 2         | 8     | 0     | 0      | 10    | 33    |
| Exiting Leg      | 6              |       |       |        |       | 8         |       |       |        |       | 2              |       |       |        |       | 17        |       |       |        |       | 33    |
| Total            | 7              |       |       |        |       | 23        |       |       |        |       | 9              |       |       |        |       | 27        |       |       |        |       | 66    |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Single-Unit Trucks**

|          | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North     |      |      |        |       | from East |      |      |        |       | from South     |      |      |        |       | from West |      |      |        |       |       |
|          | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 1              | 0    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 3     |
| 7:15 AM  | 0              | 2    | 0    | 0      | 2     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 1         | 1    | 0    | 0      | 2     | 6     |
| 7:30 AM  | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 3     |
| 7:45 AM  | 0              | 2    | 0    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 5     |
| Total    | 1              | 5    | 0    | 0      | 6     | 0         | 6    | 0    | 0      | 6     | 0              | 0    | 0    | 0      | 0     | 1         | 4    | 0    | 0      | 5     | 17    |
| 8:00 AM  | 0              | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 0              | 1    | 0    | 0      | 1     | 0         | 5    | 0    | 0      | 5     | 7     |
| 8:15 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 3     |
| 8:30 AM  | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 4     |
| 8:45 AM  | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 1              | 1    | 0    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 5     |
| Total    | 0              | 2    | 1    | 0      | 3     | 0         | 5    | 0    | 0      | 5     | 1              | 2    | 0    | 0      | 3     | 1         | 7    | 0    | 0      | 8     | 19    |
| 9:00 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 1    | 0      | 1     | 1         | 3    | 1    | 0      | 5     | 8     |
| 9:15 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 4    | 0    | 0      | 5     | 5     |
| 9:30 AM  | 0              | 2    | 0    | 0      | 2     | 0         | 5    | 0    | 0      | 5     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 8     |
| 9:45 AM  | 1              | 0    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 1    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 6     |
| Total    | 1              | 2    | 0    | 0      | 3     | 0         | 9    | 0    | 0      | 9     | 0              | 0    | 2    | 0      | 2     | 2         | 10   | 1    | 0      | 13    | 27    |
| 10:00 AM | 0              | 0    | 0    | 0      | 0     | 1         | 1    | 0    | 0      | 2     | 0              | 0    | 1    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 5     |
| 10:15 AM | 0              | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 0              | 0    | 1    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 9     |
| 10:30 AM | 1              | 0    | 0    | 0      | 1     | 1         | 1    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 5     |
| 10:45 AM | 0              | 0    | 0    | 0      | 0     | 1         | 3    | 0    | 0      | 4     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 6     |
| Total    | 1              | 0    | 0    | 0      | 1     | 3         | 9    | 0    | 0      | 12    | 0              | 0    | 2    | 0      | 2     | 0         | 10   | 0    | 0      | 10    | 25    |
| 11:00 AM | 0              | 0    | 0    | 0      | 0     | 0         | 5    | 0    | 0      | 5     | 0              | 1    | 0    | 0      | 1     | 1         | 2    | 0    | 0      | 3     | 9     |
| 11:15 AM | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 5    | 0    | 0      | 5     | 6     |
| 11:30 AM | 0              | 2    | 1    | 0      | 3     | 0         | 6    | 1    | 0      | 7     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 1    | 0      | 4     | 14    |
| 11:45 AM | 1              | 1    | 0    | 0      | 2     | 0         | 5    | 1    | 0      | 6     | 0              | 1    | 0    | 0      | 1     | 0         | 3    | 0    | 0      | 3     | 12    |
| Total    | 1              | 3    | 1    | 0      | 5     | 0         | 17   | 2    | 0      | 19    | 0              | 2    | 0    | 0      | 2     | 1         | 13   | 1    | 0      | 15    | 41    |
| 12:00 PM | 0              | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 5     |
| 12:15 PM | 0              | 0    | 0    | 0      | 0     | 0         | 4    | 0    | 0      | 4     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 6     |
| 12:30 PM | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 2    | 0      | 4     | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 1    | 0      | 4     | 9     |
| 12:45 PM | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 1    | 0      | 1     | 1         | 3    | 0    | 0      | 4     | 8     |
| Total    | 0              | 1    | 0    | 0      | 1     | 1         | 11   | 2    | 0      | 14    | 0              | 0    | 1    | 0      | 1     | 1         | 10   | 1    | 0      | 12    | 28    |
| 1:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 1    | 1    | 0      | 2     | 0         | 1    | 0    | 0      | 1     | 3     |
| 1:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 1     |
| 1:30 PM  | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 1:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| Total    | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 1    | 0      | 2     | 0         | 3    | 0    | 0      | 3     | 8     |
| 2:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 1              | 0    | 0    | 0      | 1     | 1         | 4    | 0    | 0      | 5     | 7     |
| 2:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 1    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 2:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 4     |
| 2:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 4     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 5    | 1    | 0      | 6     | 1              | 1    | 0    | 0      | 2     | 2         | 7    | 0    | 0      | 9     | 17    |
| 3:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 3:15 PM  | 0              | 1    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 0              | 0    | 0    | 0      | 0     | 1         | 1    | 0    | 0      | 2     | 7     |
| 3:30 PM  | 0              | 0    | 0    | 0      | 0     | 1         | 2    | 0    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 0      | 1     | 4     |
| 3:45 PM  | 0              | 1    | 0    | 0      | 1     | 0         | 0    | 1    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| Total    | 0              | 2    | 0    | 0      | 2     | 1         | 8    | 1    | 0      | 10    | 0              | 0    | 0    | 0      | 0     | 2         | 1    | 0    | 0      | 3     | 15    |
| 4:00 PM  | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 1    | 0      | 2     | 5     |
| 4:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| 4:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0              | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 2     |
| 4:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 1    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 2     |
| Total    | 0              | 1    | 0    | 0      | 1     | 0         | 4    | 1    | 0      | 5     | 0              | 1    | 1    | 0      | 2     | 1         | 1    | 1    | 0      | 3     | 11    |
| 5:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 5:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 1    | 0    | 0      | 1     | 0         | 0    | 0    | 0      | 0     | 1     |
| 5:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| 5:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 2     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 0         | 2    | 0    | 0      | 2     | 5     |
| 6:00 PM  | 0              | 0    | 0    | 0      | 0     | 1         | 1    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 6:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 1    | 0    | 0      | 1     | 1         | 0    | 0    | 0      | 1     | 2     |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Single-Unit Trucks**

|                   | Windsor Street |          |          |          |          | Broadway  |          |          |          |          | Windsor Street |          |          |          |          | Broadway  |          |          |          |          | Total    |
|-------------------|----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|                   | from North     |          |          |          |          | from East |          |          |          |          | from South     |          |          |          |          | from West |          |          |          |          |          |
|                   | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    | Right          | Thru     | Left     | U-Turn   | Total    | Right     | Thru     | Left     | U-Turn   | Total    |          |
| 6:30 PM           | 0              | 0        | 0        | 0        | 0        | 0         | 1        | 0        | 0        | 1        | 0              | 0        | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1        |
| 6:45 PM           | 0              | 1        | 0        | 0        | 1        | 0         | 1        | 0        | 0        | 1        | 0              | 1        | 0        | 0        | 1        | 0         | 1        | 0        | 0        | 1        | 1        |
| <b>Total</b>      | <b>0</b>       | <b>1</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b>  | <b>3</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>0</b>       | <b>2</b> | <b>0</b> | <b>0</b> | <b>2</b> | <b>1</b>  | <b>1</b> | <b>0</b> | <b>0</b> | <b>2</b> | <b>9</b> |
| Grand Total       | 4              | 18       | 2        | 0        | 24       | 6         | 81       | 7        | 0        | 94       | 2              | 10       | 7        | 0        | 19       | 12        | 69       | 4        | 0        | 85       | 222      |
| Approach %        | 16.7           | 75.0     | 8.3      | 0.0      |          | 6.4       | 86.2     | 7.4      | 0.0      |          | 10.5           | 52.6     | 36.8     | 0.0      |          | 14.1      | 81.2     | 4.7      | 0.0      |          |          |
| Total %           | 1.8            | 8.1      | 0.9      | 0.0      | 10.8     | 2.7       | 36.5     | 3.2      | 0.0      | 42.3     | 0.9            | 4.5      | 3.2      | 0.0      | 8.6      | 5.4       | 31.1     | 1.8      | 0.0      | 38.3     |          |
| Exiting Leg Total | 20             |          |          |          |          | 73        |          |          |          |          | 37             |          |          |          |          | 92        |          |          |          |          | 222      |

AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 9:30 AM          | 0              | 2     | 0     | 0      | 2     | 0         | 5     | 0     | 0      | 5     | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 8     |
| 9:45 AM          | 1              | 0     | 0     | 0      | 1     | 0         | 2     | 0     | 0      | 2     | 0              | 0     | 1     | 0      | 1     | 0         | 2     | 0     | 0      | 2     | 6     |
| 10:00 AM         | 0              | 0     | 0     | 0      | 0     | 1         | 1     | 0     | 0      | 2     | 0              | 0     | 1     | 0      | 1     | 0         | 2     | 0     | 0      | 2     | 5     |
| 10:15 AM         | 0              | 0     | 0     | 0      | 0     | 0         | 4     | 0     | 0      | 4     | 0              | 0     | 1     | 0      | 1     | 0         | 4     | 0     | 0      | 4     | 9     |
| Total Volume     | 1              | 2     | 0     | 0      | 3     | 1         | 12    | 0     | 0      | 13    | 0              | 0     | 3     | 0      | 3     | 0         | 9     | 0     | 0      | 9     | 28    |
| % Approach Total | 33.3           | 66.7  | 0.0   | 0.0    |       | 7.7       | 92.3  | 0.0   | 0.0    |       | 0.0            | 0.0   | 100.0 | 0.0    |       | 0.0       | 100.0 | 0.0   | 0.0    |       |       |
| PHF              | 0.250          | 0.250 | 0.000 | 0.000  | 0.375 | 0.250     | 0.600 | 0.000 | 0.000  | 0.650 | 0.000          | 0.000 | 0.750 | 0.000  | 0.750 | 0.000     | 0.563 | 0.000 | 0.000  | 0.563 | 0.778 |
| Entering Leg     | 1              | 2     | 0     | 0      | 3     | 1         | 12    | 0     | 0      | 13    | 0              | 0     | 3     | 0      | 3     | 0         | 9     | 0     | 0      | 9     | 28    |
| Exiting Leg      | 1              |       |       |        |       | 9         |       |       |        |       | 2              |       |       |        |       | 16        |       |       |        |       | 28    |
| Total            | 4              |       |       |        |       | 22        |       |       |        |       | 5              |       |       |        |       | 25        |       |       |        |       | 56    |

MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 11:00 AM         | 0              | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 0              | 1     | 0     | 0      | 1     | 1         | 2     | 0     | 0      | 3     | 9     |
| 11:15 AM         | 0              | 0     | 0     | 0      | 0     | 0         | 1     | 0     | 0      | 1     | 0              | 0     | 0     | 0      | 0     | 0         | 5     | 0     | 0      | 5     | 6     |
| 11:30 AM         | 0              | 2     | 1     | 0      | 3     | 0         | 6     | 1     | 0      | 7     | 0              | 0     | 0     | 0      | 0     | 0         | 3     | 1     | 0      | 4     | 14    |
| 11:45 AM         | 1              | 1     | 0     | 0      | 2     | 0         | 5     | 1     | 0      | 6     | 0              | 1     | 0     | 0      | 1     | 0         | 3     | 0     | 0      | 3     | 12    |
| Total Volume     | 1              | 3     | 1     | 0      | 5     | 0         | 17    | 2     | 0      | 19    | 0              | 2     | 0     | 0      | 2     | 1         | 13    | 1     | 0      | 15    | 41    |
| % Approach Total | 20.0           | 60.0  | 20.0  | 0.0    |       | 0.0       | 89.5  | 10.5  | 0.0    |       | 0.0            | 100.0 | 0.0   | 0.0    |       | 6.7       | 86.7  | 6.7   | 0.0    |       |       |
| PHF              | 0.250          | 0.375 | 0.250 | 0.000  | 0.417 | 0.000     | 0.708 | 0.500 | 0.000  | 0.679 | 0.000          | 0.500 | 0.000 | 0.000  | 0.500 | 0.250     | 0.650 | 0.250 | 0.000  | 0.750 | 0.732 |
| Entering Leg     | 1              | 3     | 1     | 0      | 5     | 0         | 17    | 2     | 0      | 19    | 0              | 2     | 0     | 0      | 2     | 1         | 13    | 1     | 0      | 15    | 41    |
| Exiting Leg      | 3              |       |       |        |       | 14        |       |       |        |       | 6              |       |       |        |       | 18        |       |       |        |       | 41    |
| Total            | 8              |       |       |        |       | 33        |       |       |        |       | 8              |       |       |        |       | 33        |       |       |        |       | 82    |

PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:

|                  | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Windsor Street |       |       |        |       | Broadway  |       |       |        |       | Total |
|------------------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|----------------|-------|-------|--------|-------|-----------|-------|-------|--------|-------|-------|
|                  | from North     |       |       |        |       | from East |       |       |        |       | from South     |       |       |        |       | from West |       |       |        |       |       |
|                  | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total | Right          | Thru  | Left  | U-Turn | Total | Right     | Thru  | Left  | U-Turn | Total |       |
| 3:15 PM          | 0              | 1     | 0     | 0      | 1     | 0         | 4     | 0     | 0      | 4     | 0              | 0     | 0     | 0      | 0     | 1         | 1     | 0     | 0      | 2     | 7     |
| 3:30 PM          | 0              | 0     | 0     | 0      | 0     | 1         | 2     | 0     | 0      | 3     | 0              | 0     | 0     | 0      | 0     | 1         | 0     | 0     | 0      | 1     | 4     |
| 3:45 PM          | 0              | 1     | 0     | 0      | 1     | 0         | 0     | 1     | 0      | 1     | 0              | 0     | 0     | 0      | 0     | 0         | 0     | 0     | 0      | 0     | 2     |
| 4:00 PM          | 0              | 1     | 0     | 0      | 1     | 0         | 2     | 0     | 0      | 2     | 0              | 0     | 0     | 0      | 0     | 1         | 0     | 1     | 0      | 2     | 5     |
| Total Volume     | 0              | 3     | 0     | 0      | 3     | 1         | 8     | 1     | 0      | 10    | 0              | 0     | 0     | 0      | 0     | 3         | 1     | 1     | 0      | 5     | 18    |
| % Approach Total | 0.0            | 100.0 | 0.0   | 0.0    |       | 10.0      | 80.0  | 10.0  | 0.0    |       | 0.0            | 0.0   | 0.0   | 0.0    |       | 60.0      | 20.0  | 20.0  | 0.0    |       |       |
| PHF              | 0.000          | 0.750 | 0.000 | 0.000  | 0.750 | 0.250     | 0.500 | 0.250 | 0.000  | 0.625 | 0.000          | 0.000 | 0.000 | 0.000  | 0.000 | 0.750     | 0.250 | 0.250 | 0.000  | 0.625 | 0.643 |
| Entering Leg     | 0              | 3     | 0     | 0      | 3     | 1         | 8     | 1     | 0      | 10    | 0              | 0     | 0     | 0      | 0     | 3         | 1     | 1     | 0      | 5     | 18    |
| Exiting Leg      | 2              |       |       |        |       | 7         |       |       |        |       | 1              |       |       |        |       | 8         |       |       |        |       | 18    |
| Total            | 5              |       |       |        |       | 11        |       |       |        |       | 7              |       |       |        |       | 13        |       |       |        |       | 36    |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|          | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Windsor Street |      |      |        |       | Broadway  |      |      |        |       | Total |
|----------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|----------------|------|------|--------|-------|-----------|------|------|--------|-------|-------|
|          | from North     |      |      |        |       | from East |      |      |        |       | from South     |      |      |        |       | from West |      |      |        |       |       |
|          | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total | Right          | Thru | Left | U-Turn | Total | Right     | Thru | Left | U-Turn | Total |       |
| 7:00 AM  | 0              | 2    | 0    | 0      | 2     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 3     |
| 7:15 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0              | 1    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 3     |
| 7:30 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 1    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 7:45 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 2     |
| Total    | 0              | 2    | 0    | 0      | 2     | 0         | 0    | 2    | 0      | 2     | 0              | 1    | 0    | 0      | 1     | 0         | 4    | 0    | 0      | 4     | 9     |
| 8:00 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 8:15 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 8:30 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |
| 8:45 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 2     |
| 9:00 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |
| 9:15 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 9:30 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 9:45 AM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |
| 10:00 AM | 0              | 0    | 0    | 0      | 0     | 0         | 2    | 0    | 0      | 2     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 2     |
| 10:15 AM | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 10:30 AM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 10:45 AM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 3    | 0    | 0      | 3     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 3     |
| 11:00 AM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 11:15 AM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 11:30 AM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 11:45 AM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |
| 12:00 PM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1              | 0    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 2     |
| 12:15 PM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 12:30 PM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 12:45 PM | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1              | 0    | 0    | 0      | 1     | 0         | 1    | 0    | 0      | 1     | 2     |
| 1:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 1      | 1     | 1     |
| 1:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 1:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 1:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 1      | 1     | 1     |
| 2:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 2:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |
| 2:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 2:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 2     |
| 3:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 3:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 3:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 3:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 4:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 4:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 4:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 4:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 1    | 0    | 0      | 1     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 1     |
| 5:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |
| 5:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 5:30 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 5:45 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| Total    | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 1         | 0    | 0    | 1      | 1     | 1     |
| 6:00 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |
| 6:15 PM  | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0              | 0    | 0    | 0      | 0     | 0         | 0    | 0    | 0      | 0     | 0     |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Articulated Trucks**

|                          | Windsor Street |              |            |            |            | Broadway   |             |             |            |             | Windsor Street |             |            |            |            | Broadway   |             |            |            |           | Total    |             |           |
|--------------------------|----------------|--------------|------------|------------|------------|------------|-------------|-------------|------------|-------------|----------------|-------------|------------|------------|------------|------------|-------------|------------|------------|-----------|----------|-------------|-----------|
|                          | from North     |              |            |            |            | from East  |             |             |            |             | from South     |             |            |            |            | from West  |             |            |            |           |          |             |           |
|                          | Right          | Thru         | Left       | U-Turn     | Total      | Right      | Thru        | Left        | U-Turn     | Total       | Right          | Thru        | Left       | U-Turn     | Total      | Right      | Thru        | Left       | U-Turn     | Total     |          |             |           |
| 6:30 PM                  | 0              | 0            | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0           | 0              | 0           | 0          | 0          | 0          | 0          | 0           | 0          | 0          | 0         | 0        | 0           | 0         |
| 6:45 PM                  | 0              | 0            | 0          | 0          | 0          | 0          | 0           | 0           | 0          | 0           | 0              | 0           | 0          | 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>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>0</b>   | <b>0</b>    | <b>0</b>   | <b>0</b>   | <b>0</b>  | <b>0</b> | <b>0</b>    | <b>0</b>  |
| <b>Grand Total</b>       | <b>0</b>       | <b>2</b>     | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>6</b>    | <b>2</b>    | <b>0</b>   | <b>8</b>    | <b>1</b>       | <b>1</b>    | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>10</b>   | <b>1</b>   | <b>0</b>   | <b>11</b> |          | <b>23</b>   |           |
| <b>Approach %</b>        | <b>0.0</b>     | <b>100.0</b> | <b>0.0</b> | <b>0.0</b> |            | <b>0.0</b> | <b>75.0</b> | <b>25.0</b> | <b>0.0</b> |             | <b>50.0</b>    | <b>50.0</b> | <b>0.0</b> | <b>0.0</b> |            | <b>0.0</b> | <b>90.9</b> | <b>9.1</b> | <b>0.0</b> |           |          |             |           |
| <b>Total %</b>           | <b>0.0</b>     | <b>8.7</b>   | <b>0.0</b> | <b>0.0</b> | <b>8.7</b> | <b>0.0</b> | <b>26.1</b> | <b>8.7</b>  | <b>0.0</b> | <b>34.8</b> | <b>4.3</b>     | <b>4.3</b>  | <b>0.0</b> | <b>0.0</b> | <b>8.7</b> | <b>0.0</b> | <b>43.5</b> | <b>4.3</b> | <b>0.0</b> |           |          | <b>47.8</b> |           |
| <b>Exiting Leg Total</b> |                |              |            |            | <b>2</b>   |            |             |             |            | <b>11</b>   |                |             |            |            | <b>4</b>   |            |             |            |            |           |          | <b>6</b>    | <b>23</b> |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                         | Windsor Street |              |              |              |              | Broadway     |              |              |              |              | Windsor Street |              |              |              |              | Broadway     |              |              |              |              | Total    |              |
|-------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|--------------|
|                         | from North     |              |              |              |              | from East    |              |              |              |              | from South     |              |              |              |              | from West    |              |              |              |              |          |              |
|                         | Right          | Thru         | Left         | U-Turn       | Total        | Right        | Thru         | Left         | U-Turn       | Total        | Right          | Thru         | Left         | U-Turn       | Total        | Right        | Thru         | Left         | U-Turn       | Total        |          |              |
| 7:00 AM                 | 0              | 2            | 0            | 0            | 2            | 0            | 0            | 0            | 0            | 0            | 0              | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1            |          | 3            |
| 7:00 AM                 | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1            | 0              | 1            | 0            | 0            | 1            | 0            | 1            | 0            | 0            | 1            |          | 3            |
| 7:15 AM                 | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 1            | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |          | 1            |
| 7:30 AM                 | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0              | 0            | 0            | 0            | 0            | 0            | 2            | 0            | 0            | 2            |          | 2            |
| 7:45 AM                 | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0              | 0            | 0            | 0            | 0            | 0            | 4            | 0            | 0            | 4            |          | 9            |
| <b>Total Volume</b>     | <b>0</b>       | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>0</b>     | <b>2</b>     | <b>0</b>       | <b>1</b>     | <b>0</b>     | <b>1</b>     | <b>0</b>     | <b>4</b>     | <b>0</b>     | <b>0</b>     | <b>4</b>     |              | <b>9</b> |              |
| <b>% Approach Total</b> | <b>0.0</b>     | <b>100.0</b> | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>   | <b>0.0</b>   | <b>100.0</b> | <b>0.0</b>   |              | <b>0.0</b>     | <b>100.0</b> | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>   | <b>100.0</b> | <b>0.0</b>   | <b>0.0</b>   |              |          |              |
| <b>PHF</b>              | <b>0.000</b>   | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.500</b> | <b>0.000</b> | <b>0.500</b> | <b>0.000</b>   | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.000</b> | <b>0.500</b> | <b>0.000</b> | <b>0.000</b> | <b>0.500</b> |          | <b>0.750</b> |
| <b>Entering Leg</b>     | <b>0</b>       | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>0</b>     | <b>0</b>     | <b>2</b>     | <b>0</b>     | <b>2</b>     | <b>0</b>       | <b>1</b>     | <b>0</b>     | <b>1</b>     | <b>0</b>     | <b>4</b>     | <b>0</b>     | <b>0</b>     | <b>4</b>     |              | <b>9</b> |              |
| <b>Exiting Leg</b>      |                |              |              |              | <b>1</b>     |              |              |              |              | <b>4</b>     |                |              |              |              | <b>4</b>     |              |              |              |              |              |          | <b>9</b>     |
| <b>Total</b>            |                |              |              |              | <b>3</b>     |              |              |              |              | <b>6</b>     |                |              |              |              | <b>5</b>     |              |              |              |              |              |          | <b>18</b>    |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                         | Windsor Street |              |              |              |              | Broadway     |              |              |              |              | Windsor Street |              |              |              |              | Broadway     |              |              |              |       | Total        |          |
|-------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|--------------|----------|
|                         | from North     |              |              |              |              | from East    |              |              |              |              | from South     |              |              |              |              | from West    |              |              |              |       |              |          |
|                         | Right          | Thru         | Left         | U-Turn       | Total        | Right        | Thru         | Left         | U-Turn       | Total        | Right          | Thru         | Left         | U-Turn       | Total        | Right        | Thru         | Left         | U-Turn       | Total |              |          |
| 10:00 AM                | 0              | 0            | 0            | 0            | 0            | 0            | 2            | 0            | 0            | 2            | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0     |              | 2        |
| 10:15 AM                | 0              | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1            | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0     |              | 1        |
| 10:30 AM                | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0     |              | 0        |
| 10:45 AM                | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0     |              | 0        |
| <b>Total Volume</b>     | <b>0</b>       | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>3</b>     | <b>0</b>     | <b>0</b>     | <b>3</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>3</b>     |          |
| <b>% Approach Total</b> | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>   | <b>100.0</b> | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |       |              |          |
| <b>PHF</b>              | <b>0.000</b>   | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.375</b> | <b>0.000</b> | <b>0.000</b> | <b>0.375</b> | <b>0.000</b>   | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> |       | <b>0.375</b> |          |
| <b>Entering Leg</b>     | <b>0</b>       | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>3</b>     | <b>0</b>     | <b>0</b>     | <b>3</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>3</b>     |          |
| <b>Exiting Leg</b>      |                |              |              |              | <b>0</b>     |              |              |              |              | <b>0</b>     |                |              |              |              | <b>0</b>     |              |              |              |              |       |              | <b>3</b> |
| <b>Total</b>            |                |              |              |              | <b>0</b>     |              |              |              |              | <b>3</b>     |                |              |              |              | <b>0</b>     |              |              |              |              |       |              | <b>6</b> |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                         | Windsor Street |              |              |              |              | Broadway     |              |              |              |              | Windsor Street |              |              |              |              | Broadway     |              |              |              |              | Total    |              |
|-------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|--------------|
|                         | from North     |              |              |              |              | from East    |              |              |              |              | from South     |              |              |              |              | from West    |              |              |              |              |          |              |
|                         | Right          | Thru         | Left         | U-Turn       | Total        | Right        | Thru         | Left         | U-Turn       | Total        | Right          | Thru         | Left         | U-Turn       | Total        | Right        | Thru         | Left         | U-Turn       | Total        |          |              |
| 2:00 PM                 | 0              | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1            | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |          | 1            |
| 2:15 PM                 | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0              | 0            | 0            | 0            | 0            | 0            | 1            | 0            | 0            | 1            |          | 1            |
| 2:30 PM                 | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |          | 0            |
| 2:45 PM                 | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0              | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            |          | 0            |
| <b>Total Volume</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>0</b>     | <b>1</b>     | <b>0</b>       | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>1</b>     |              | <b>2</b> |              |
| <b>% Approach Total</b> | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>   | <b>100.0</b> | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |              | <b>0.0</b>   | <b>100.0</b> | <b>0.0</b>   | <b>0.0</b>   |              |          |              |
| <b>PHF</b>              | <b>0.000</b>   | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.000</b>   | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> | <b>0.000</b> | <b>0.000</b> | <b>0.250</b> |          | <b>0.500</b> |
| <b>Entering Leg</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>0</b>     | <b>1</b>     | <b>0</b>       | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>1</b>     | <b>0</b>     | <b>0</b>     | <b>1</b>     |              | <b>2</b> |              |
| <b>Exiting Leg</b>      |                |              |              |              | <b>0</b>     |              |              |              |              | <b>1</b>     |                |              |              |              | <b>0</b>     |              |              |              |              |              |          | <b>2</b>     |
| <b>Total</b>            |                |              |              |              | <b>0</b>     |              |              |              |              | <b>2</b>     |                |              |              |              | <b>0</b>     |              |              |              |              |              |          | <b>4</b>     |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Bicycles (on Roadway and Crosswalks)**

|          | Windsor Street |      |      |        |       |       |       | Broadway  |      |      |        |       |       |       | Windsor Street |      |      |        |       |       |       | Broadway  |      |      |        |       |       |       | Total |
|----------|----------------|------|------|--------|-------|-------|-------|-----------|------|------|--------|-------|-------|-------|----------------|------|------|--------|-------|-------|-------|-----------|------|------|--------|-------|-------|-------|-------|
|          | from North     |      |      |        |       |       |       | from East |      |      |        |       |       |       | from South     |      |      |        |       |       |       | from West |      |      |        |       |       |       |       |
|          | Right          | Thru | Left | U-Turn | CW-EB | CW-WB | Total | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total | Right          | Thru | Left | U-Turn | CW-WB | CW-EB | Total | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |       |
| 7:00 AM  | 0              | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 4    | 0    | 0      | 0     | 1     | 5     | 1              | 0    | 0    | 0      | 2     | 0     | 3     | 0         | 7    | 0    | 0      | 0     | 7     | 19    |       |
| 7:15 AM  | 0              | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0              | 1    | 1    | 0      | 1     | 0     | 3     | 0         | 7    | 0    | 0      | 0     | 7     | 16    |       |
| 7:30 AM  | 0              | 8    | 0    | 0      | 0     | 0     | 8     | 0         | 1    | 0    | 0      | 0     | 1     | 2     | 0              | 0    | 0    | 0      | 0     | 0     | 0     | 0         | 11   | 0    | 0      | 0     | 2     | 23    |       |
| 7:45 AM  | 0              | 6    | 1    | 0      | 0     | 1     | 8     | 0         | 0    | 0    | 0      | 2     | 1     | 3     | 0              | 1    | 2    | 0      | 0     | 0     | 3     | 0         | 13   | 1    | 0      | 0     | 14    | 28    |       |
| Total    | 0              | 22   | 1    | 0      | 0     | 1     | 24    | 0         | 7    | 0    | 0      | 2     | 3     | 12    | 1              | 2    | 3    | 0      | 3     | 0     | 9     | 0         | 38   | 1    | 0      | 0     | 2     | 41    | 86    |
| 8:00 AM  | 1              | 8    | 0    | 0      | 0     | 0     | 9     | 0         | 5    | 0    | 0      | 0     | 1     | 6     | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 2         | 24   | 0    | 0      | 1     | 1     | 28    | 44    |
| 8:15 AM  | 1              | 10   | 0    | 0      | 0     | 0     | 11    | 0         | 2    | 0    | 0      | 1     | 0     | 3     | 1              | 4    | 1    | 0      | 0     | 0     | 6     | 0         | 26   | 0    | 0      | 3     | 1     | 30    | 50    |
| 8:30 AM  | 0              | 22   | 2    | 0      | 0     | 0     | 24    | 0         | 4    | 0    | 0      | 1     | 0     | 5     | 0              | 2    | 0    | 0      | 1     | 0     | 3     | 2         | 29   | 1    | 0      | 1     | 6     | 39    | 71    |
| 8:45 AM  | 1              | 16   | 0    | 0      | 0     | 0     | 17    | 0         | 9    | 0    | 0      | 1     | 1     | 11    | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 29   | 0    | 0      | 0     | 1     | 31    | 61    |
| Total    | 3              | 56   | 2    | 0      | 0     | 0     | 61    | 0         | 20   | 0    | 0      | 3     | 2     | 25    | 1              | 9    | 1    | 0      | 1     | 0     | 12    | 5         | 108  | 1    | 0      | 5     | 9     | 128   | 226   |
| 9:00 AM  | 2              | 9    | 0    | 0      | 0     | 0     | 11    | 0         | 3    | 1    | 0      | 0     | 0     | 4     | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 4         | 21   | 0    | 0      | 0     | 0     | 25    | 42    |
| 9:15 AM  | 0              | 5    | 1    | 0      | 0     | 0     | 6     | 0         | 1    | 0    | 0      | 1     | 0     | 2     | 0              | 1    | 0    | 0      | 1     | 1     | 3     | 0         | 19   | 0    | 0      | 0     | 0     | 19    | 30    |
| 9:30 AM  | 0              | 10   | 1    | 0      | 0     | 0     | 11    | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 15   | 0    | 0      | 0     | 0     | 16    | 31    |
| 9:45 AM  | 0              | 4    | 0    | 0      | 0     | 0     | 4     | 0         | 1    | 0    | 0      | 0     | 1     | 2     | 0              | 0    | 0    | 0      | 0     | 0     | 0     | 1         | 10   | 0    | 0      | 0     | 1     | 12    | 18    |
| Total    | 2              | 28   | 2    | 0      | 0     | 0     | 32    | 0         | 7    | 1    | 0      | 1     | 1     | 10    | 0              | 5    | 0    | 0      | 1     | 1     | 7     | 6         | 65   | 0    | 0      | 0     | 1     | 72    | 121   |
| 10:00 AM | 0              | 6    | 0    | 0      | 0     | 0     | 6     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0              | 0    | 0    | 0      | 0     | 0     | 0     | 0         | 11   | 0    | 0      | 0     | 0     | 11    | 19    |
| 10:15 AM | 0              | 3    | 0    | 0      | 0     | 0     | 3     | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 0              | 0    | 0    | 0      | 0     | 1     | 1     | 1         | 13   | 0    | 0      | 0     | 0     | 14    | 19    |
| 10:30 AM | 0              | 7    | 0    | 0      | 0     | 1     | 8     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 1         | 6    | 0    | 0      | 0     | 0     | 7     | 18    |
| 10:45 AM | 1              | 7    | 2    | 0      | 0     | 0     | 10    | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 4         | 11   | 0    | 0      | 0     | 0     | 15    | 28    |
| Total    | 1              | 23   | 2    | 0      | 0     | 1     | 27    | 0         | 6    | 0    | 0      | 0     | 0     | 6     | 0              | 3    | 0    | 0      | 0     | 1     | 4     | 6         | 41   | 0    | 0      | 0     | 0     | 47    | 84    |
| 11:00 AM | 0              | 1    | 1    | 0      | 0     | 0     | 2     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0              | 4    | 0    | 0      | 0     | 0     | 4     | 1         | 6    | 0    | 0      | 0     | 0     | 7     | 15    |
| 11:15 AM | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 5    | 0    | 0      | 0     | 0     | 6     | 0              | 2    | 0    | 0      | 0     | 1     | 3     | 1         | 10   | 0    | 0      | 0     | 0     | 11    | 22    |
| 11:30 AM | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 2              | 0    | 0    | 0      | 0     | 1     | 3     | 1         | 5    | 0    | 0      | 0     | 0     | 6     | 13    |
| 11:45 AM | 0              | 3    | 0    | 0      | 0     | 0     | 3     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 0              | 0    | 0    | 0      | 0     | 0     | 0     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 10    |
| Total    | 0              | 8    | 1    | 0      | 0     | 0     | 9     | 1         | 13   | 0    | 0      | 0     | 0     | 14    | 2              | 6    | 0    | 0      | 0     | 2     | 10    | 3         | 24   | 0    | 0      | 0     | 0     | 27    | 60    |
| 12:00 PM | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 1         | 5    | 0    | 0      | 0     | 0     | 6     | 0              | 1    | 1    | 0      | 0     | 0     | 2     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 11    |
| 12:15 PM | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 0              | 0    | 0    | 0      | 0     | 0     | 0     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 10    |
| 12:30 PM | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 4    | 0    | 0      | 0     | 0     | 5     | 0              | 3    | 0    | 0      | 0     | 0     | 3     | 0         | 5    | 0    | 0      | 0     | 1     | 6     | 16    |
| 12:45 PM | 1              | 2    | 0    | 0      | 0     | 0     | 3     | 0         | 9    | 0    | 0      | 0     | 0     | 9     | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 4    | 0    | 0      | 0     | 1     | 5     | 18    |
| Total    | 1              | 7    | 0    | 0      | 0     | 0     | 8     | 2         | 22   | 0    | 0      | 0     | 0     | 24    | 0              | 5    | 1    | 0      | 0     | 0     | 6     | 0         | 15   | 0    | 0      | 0     | 2     | 17    | 55    |
| 1:00 PM  | 1              | 0    | 0    | 0      | 0     | 0     | 1     | 0         | 5    | 1    | 0      | 0     | 2     | 8     | 1              | 1    | 0    | 0      | 0     | 0     | 2     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 14    |
| 1:15 PM  | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 7    | 0    | 0      | 0     | 0     | 7     | 15    |
| 1:30 PM  | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 1         | 3    | 0    | 0      | 0     | 0     | 4     | 13    |
| 1:45 PM  | 1              | 4    | 0    | 0      | 0     | 0     | 5     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 1         | 3    | 0    | 0      | 0     | 0     | 4     | 14    |
| Total    | 2              | 8    | 0    | 0      | 0     | 0     | 10    | 0         | 18   | 1    | 0      | 0     | 2     | 21    | 1              | 6    | 0    | 0      | 0     | 0     | 7     | 2         | 16   | 0    | 0      | 0     | 0     | 18    | 56    |
| 2:00 PM  | 0              | 2    | 0    | 0      | 1     | 0     | 3     | 0         | 8    | 0    | 0      | 0     | 0     | 8     | 0              | 2    | 1    | 0      | 1     | 0     | 4     | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 20    |
| 2:15 PM  | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 0              | 7    | 0    | 0      | 0     | 0     | 7     | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 17    |
| 2:30 PM  | 0              | 3    | 0    | 0      | 0     | 0     | 3     | 0         | 10   | 0    | 0      | 0     | 0     | 10    | 0              | 1    | 2    | 0      | 0     | 0     | 3     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 20    |
| 2:45 PM  | 1              | 1    | 0    | 0      | 0     | 0     | 2     | 0         | 4    | 1    | 0      | 0     | 0     | 5     | 0              | 1    | 1    | 0      | 0     | 0     | 2     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 12    |
| Total    | 1              | 8    | 0    | 0      | 1     | 0     | 10    | 0         | 25   | 1    | 0      | 0     | 0     | 26    | 0              | 11   | 4    | 0      | 1     | 0     | 16    | 0         | 17   | 0    | 0      | 0     | 0     | 17    | 69    |
| 3:00 PM  | 0              | 0    | 0    | 0      | 0     | 0     | 0     | 1         | 6    | 0    | 0      | 0     | 0     | 7     | 0              | 4    | 1    | 0      | 0     | 0     | 5     | 1         | 5    | 3    | 0      | 0     | 1     | 10    | 22    |
| 3:15 PM  | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 6    | 0    | 0      | 0     | 0     | 6     | 0              | 3    | 0    | 0      | 0     | 0     | 3     | 1         | 5    | 0    | 0      | 0     | 1     | 7     | 17    |
| 3:30 PM  | 0              | 2    | 0    | 0      | 0     | 1     | 3     | 0         | 3    | 0    | 0      | 0     | 0     | 3     | 1              | 2    | 1    | 0      | 0     | 0     | 4     | 1         | 9    | 0    | 0      | 0     | 1     | 11    | 21    |
| 3:45 PM  | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 2    | 0    | 0      | 0     | 0     | 2     | 0              | 5    | 0    | 0      | 0     | 0     | 5     | 0         | 1    | 0    | 0      | 0     | 0     | 1     | 9     |
| Total    | 0              | 4    | 0    | 0      | 0     | 1     | 5     | 1         | 17   | 0    | 0      | 0     | 0     | 18    | 1              | 14   | 2    | 0      | 0     | 0     | 17    | 3         | 20   | 3    | 0      | 0     | 3     | 29    | 69    |
| 4:00 PM  | 1              | 2    | 0    | 0      | 1     | 0     | 4     | 0         | 6    | 0    | 0      | 0     | 0     | 6     | 1              | 4    | 1    | 0      | 0     | 0     | 6     | 0         | 2    | 1    | 0      | 0     | 0     | 3     | 19    |
| 4:15 PM  | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 0         | 15   | 0    | 0      | 0     | 5     | 20    | 2              | 4    | 0    | 0      | 0     | 1     | 7     | 0         | 4    | 0    | 0      | 0     | 0     | 4     | 32    |
| 4:30 PM  | 1              | 3    | 0    | 0      | 0     | 0     | 4     | 0         | 13   | 0    | 0      | 0     | 3     | 16    | 1              | 6    | 0    | 0      | 0     | 0     | 7     | 0         | 5    | 0    | 0      | 0     | 1     | 6     | 33    |
| 4:45 PM  | 0              | 1    | 1    | 0      | 0     | 0     | 2     | 0         | 22   | 1    | 0      | 0     | 2     | 25    | 0              | 11   | 1    | 0      | 0     | 0     | 12    | 0         | 5    | 0    | 0      | 0     | 0     | 5     | 44    |
| Total    | 2              | 7    | 1    | 0      | 1     | 0     | 11    | 0         | 56   | 1    | 0      | 0     | 10    | 67    | 4              | 25   | 2    | 0      | 0     | 1     | 32    | 0         | 16   | 1    | 0      | 0     | 1     | 18    | 128   |
| 5:00 PM  | 0              | 1    | 0    | 0      | 0     | 0     | 1     | 1         | 18   | 1    | 0      | 1     | 0     | 21    | 0              | 13   | 0    | 0      | 0     | 1     | 14    | 0         | 6    | 0    | 0      | 0     | 1     | 7     | 43    |
| 5:15 PM  | 0              | 2    | 0    | 0      | 0     | 0     | 2     | 0         | 30   | 1    | 0      | 0     | 0     | 31    | 0              | 9    | 2    | 0      | 0     | 0     | 11    | 1         | 1    | 0    | 0      | 0     | 0     | 2     | 46    |
| 5:30 PM  | 2              | 2    | 0    | 0      | 1     | 0     | 5     | 1         | 26   | 0    | 0      | 0     | 0     | 27    | 0              | 8    | 3    | 0      | 0     | 1     | 12    | 1         | 5    | 1    | 0      | 1     | 0     | 8     | 52    |
| 5:45 PM  | 1              | 3    | 0    | 0      | 0     | 0     | 4     | 0         | 25   | 1    | 0      | 0     | 0     | 26    | 0              | 14   | 2    | 0      | 0     | 0     | 16    | 1         | 7    | 0    | 0      | 3     | 1     | 12    | 58    |
| Total    | 3              | 8    | 0    | 0      | 1     | 0     | 12    | 2         | 99   | 3    | 0      | 1     | 0     | 105   | 0              | 44   | 7    | 0      | 0     | 2     | 53    | 3         | 19   | 1    | 0      | 4     | 2     | 29    | 199   |
| 6:00 PM  | 1              | 5    | 0    | 0      | 0     | 0     | 6     | 0         | 19   | 1    | 0      | 0     | 0     | 20    | 1              | 9    | 1    | 0      | 0     | 0     | 11    | 0         | 6    | 0    | 0      | 1     | 0     | 7     | 44    |
| 6:15 PM  | 1              | 2    | 0    | 0      | 0     | 0     | 3     | 0         | 21   | 0    | 0      | 0     | 1     | 22    | 1              | 11   | 2    | 0      | 0     | 0     | 14    | 1         | 3    | 1    | 0      | 0     | 1     | 6     | 45    |

PDI File #: 240156 G  
 Location: N: Windsor Street S: Windsor Street  
 Location: E: Broadway W: Broadway  
 City, State: Cambridge, MA  
 Client: Kittelson/M. Sanders  
 Site Code: 274770.007  
 Count Date: Tuesday, September 10, 2024  
 Start Time: 7:00 AM  
 End Time: 7:00 PM  
 Class:



**Bicycles (on Roadway and Crosswalks)**

|                          | Windsor Street |            |           |          |          |          |            |            | Broadway   |          |          |          |           |            |           |            | Windsor Street |          |          |          |            |           |            |            | Broadway  |           |           |            |             |       |       |            | Total       |
|--------------------------|----------------|------------|-----------|----------|----------|----------|------------|------------|------------|----------|----------|----------|-----------|------------|-----------|------------|----------------|----------|----------|----------|------------|-----------|------------|------------|-----------|-----------|-----------|------------|-------------|-------|-------|------------|-------------|
|                          | from North     |            |           |          |          |          |            |            | from East  |          |          |          |           |            |           |            | from South     |          |          |          |            |           |            |            | from West |           |           |            |             |       |       |            |             |
|                          | Right          | Thru       | Left      | U-Turn   | CW-EB    | CW-WB    | Total      |            | Right      | Thru     | Left     | U-Turn   | CW-SB     | CW-NB      | Total     |            | Right          | Thru     | Left     | U-Turn   | CW-WB      | CW-EB     | Total      |            | Right     | Thru      | Left      | U-Turn     | CW-NB       | CW-SB | Total |            |             |
| 6:30 PM                  | 2              | 1          | 1         | 0        | 0        | 0        | 4          | 0          | 25         | 1        | 0        | 0        | 0         | 1          | 27        | 0          | 9              | 3        | 0        | 3        | 1          | 16        | 1          | 7          | 0         | 0         | 0         | 0          | 8           | 55    |       |            |             |
| 6:45 PM                  | 2              | 3          | 0         | 0        | 0        | 0        | 5          | 0          | 9          | 0        | 0        | 0        | 0         | 9          | 0         | 8          | 0              | 0        | 0        | 0        | 8          | 0         | 10         | 0          | 0         | 0         | 2         | 12         | 34          |       |       |            |             |
| <b>Total</b>             | <b>6</b>       | <b>11</b>  | <b>1</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>18</b>  | <b>0</b>   | <b>74</b>  | <b>2</b> | <b>0</b> | <b>0</b> | <b>2</b>  | <b>78</b>  | <b>2</b>  | <b>37</b>  | <b>6</b>       | <b>0</b> | <b>3</b> | <b>1</b> | <b>49</b>  | <b>2</b>  | <b>26</b>  | <b>1</b>   | <b>0</b>  | <b>1</b>  | <b>3</b>  | <b>33</b>  | <b>178</b>  |       |       |            |             |
| <b>Grand Total</b>       | <b>21</b>      | <b>190</b> | <b>10</b> | <b>0</b> | <b>3</b> | <b>3</b> | <b>227</b> | <b>6</b>   | <b>364</b> | <b>9</b> | <b>0</b> | <b>7</b> | <b>20</b> | <b>406</b> | <b>12</b> | <b>167</b> | <b>26</b>      | <b>0</b> | <b>9</b> | <b>8</b> | <b>222</b> | <b>30</b> | <b>405</b> | <b>8</b>   | <b>0</b>  | <b>10</b> | <b>23</b> | <b>476</b> | <b>1331</b> |       |       |            |             |
| <b>Approach %</b>        | 9.3            | 83.7       | 4.4       | 0.0      | 1.3      | 1.3      |            | 1.5        | 89.7       | 2.2      | 0.0      | 1.7      | 4.9       |            | 5.4       | 75.2       | 11.7           | 0.0      | 4.1      | 3.6      |            | 6.3       | 85.1       | 1.7        | 0.0       | 2.1       | 4.8       |            |             |       |       |            |             |
| <b>Total %</b>           | 1.6            | 14.3       | 0.8       | 0.0      | 0.2      | 0.2      | 17.1       | 0.5        | 27.3       | 0.7      | 0.0      | 0.5      | 1.5       | 30.5       | 0.9       | 12.5       | 2.0            | 0.0      | 0.7      | 0.6      | 16.7       | 2.3       | 30.4       | 0.6        | 0.0       | 0.8       | 1.7       | 35.8       |             |       |       |            |             |
| <b>Exiting Leg Total</b> |                |            |           |          |          |          |            | <b>187</b> |            |          |          |          |           |            |           | <b>454</b> |                |          |          |          |            |           |            | <b>246</b> |           |           |           |            |             |       |       | <b>444</b> | <b>1331</b> |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                         | Windsor Street |           |          |          |          |          |           |           | Broadway  |          |          |          |          |           |          |            | Windsor Street |          |          |          |           |          |            |           | Broadway  |          |          |            |            |       |       |            | Total      |
|-------------------------|----------------|-----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|----------|-----------|----------|------------|----------------|----------|----------|----------|-----------|----------|------------|-----------|-----------|----------|----------|------------|------------|-------|-------|------------|------------|
|                         | from North     |           |          |          |          |          |           |           | from East |          |          |          |          |           |          |            | from South     |          |          |          |           |          |            |           | from West |          |          |            |            |       |       |            |            |
|                         | Right          | Thru      | Left     | U-Turn   | CW-EB    | CW-WB    | Total     |           | Right     | Thru     | Left     | U-Turn   | CW-SB    | CW-NB     | Total    |            | Right          | Thru     | Left     | U-Turn   | CW-WB     | CW-EB    | Total      |           | Right     | Thru     | Left     | U-Turn     | CW-NB      | CW-SB | Total |            |            |
| 8:00 AM                 | 1              | 8         | 0        | 0        | 0        | 0        | 9         | 0         | 5         | 0        | 0        | 0        | 1        | 6         | 0        | 1          | 0              | 0        | 0        | 0        | 1         | 2        | 24         | 0         | 0         | 1        | 1        | 28         | 44         |       |       |            |            |
| 8:15 AM                 | 1              | 10        | 0        | 0        | 0        | 0        | 11        | 0         | 2         | 0        | 0        | 1        | 0        | 3         | 1        | 4          | 1              | 0        | 0        | 0        | 6         | 0        | 26         | 0         | 0         | 3        | 1        | 30         | 50         |       |       |            |            |
| 8:30 AM                 | 0              | 22        | 2        | 0        | 0        | 0        | 24        | 0         | 4         | 0        | 0        | 1        | 0        | 5         | 0        | 2          | 0              | 0        | 1        | 0        | 3         | 2        | 29         | 1         | 0         | 1        | 6        | 39         | 71         |       |       |            |            |
| 8:45 AM                 | 1              | 16        | 0        | 0        | 0        | 0        | 17        | 0         | 9         | 0        | 0        | 1        | 1        | 11        | 0        | 2          | 0              | 0        | 0        | 0        | 2         | 1        | 29         | 0         | 0         | 0        | 1        | 31         | 61         |       |       |            |            |
| <b>Total Volume</b>     | <b>3</b>       | <b>56</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>61</b> | <b>0</b>  | <b>20</b> | <b>0</b> | <b>0</b> | <b>3</b> | <b>2</b> | <b>25</b> | <b>1</b> | <b>9</b>   | <b>1</b>       | <b>0</b> | <b>1</b> | <b>0</b> | <b>12</b> | <b>5</b> | <b>108</b> | <b>1</b>  | <b>0</b>  | <b>5</b> | <b>9</b> | <b>128</b> | <b>226</b> |       |       |            |            |
| <b>% Approach Total</b> | 4.9            | 91.8      | 3.3      | 0.0      | 0.0      | 0.0      |           | 0.0       | 80.0      | 0.0      | 0.0      | 12.0     | 8.0      |           | 8.3      | 75.0       | 8.3            | 0.0      | 8.3      | 0.0      |           | 3.9      | 84.4       | 0.8       | 0.0       | 3.9      | 7.0      |            |            |       |       |            |            |
| <b>PHF</b>              | 0.750          | 0.636     | 0.250    | 0.000    | 0.000    | 0.000    | 0.635     | 0.000     | 0.556     | 0.000    | 0.000    | 0.750    | 0.500    | 0.568     | 0.250    | 0.563      | 0.250          | 0.000    | 0.250    | 0.000    | 0.500     | 0.625    | 0.931      | 0.250     | 0.000     | 0.417    | 0.375    | 0.821      | 0.796      |       |       |            |            |
| <b>Entering Leg</b>     | <b>3</b>       | <b>56</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>61</b> | <b>0</b>  | <b>20</b> | <b>0</b> | <b>0</b> | <b>3</b> | <b>2</b> | <b>25</b> | <b>1</b> | <b>9</b>   | <b>1</b>       | <b>0</b> | <b>1</b> | <b>0</b> | <b>12</b> | <b>5</b> | <b>108</b> | <b>1</b>  | <b>0</b>  | <b>5</b> | <b>9</b> | <b>128</b> | <b>226</b> |       |       |            |            |
| <b>Exiting Leg</b>      |                |           |          |          |          |          |           | <b>10</b> |           |          |          |          |          |           |          | <b>116</b> |                |          |          |          |           |          |            | <b>62</b> |           |          |          |            |            |       |       | <b>38</b>  | <b>226</b> |
| <b>Total</b>            |                |           |          |          |          |          |           | <b>71</b> |           |          |          |          |          |           |          | <b>141</b> |                |          |          |          |           |          |            | <b>74</b> |           |          |          |            |            |       |       | <b>166</b> | <b>452</b> |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                         | Windsor Street |           |          |          |          |          |           |           | Broadway  |          |          |          |          |          |          |           | Windsor Street |          |          |          |          |          |           |           | Broadway  |          |          |           |           |       |       |           | Total      |
|-------------------------|----------------|-----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|-----------|----------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-------|-------|-----------|------------|
|                         | from North     |           |          |          |          |          |           |           | from East |          |          |          |          |          |          |           | from South     |          |          |          |          |          |           |           | from West |          |          |           |           |       |       |           |            |
|                         | Right          | Thru      | Left     | U-Turn   | CW-EB    | CW-WB    | Total     |           | Right     | Thru     | Left     | U-Turn   | CW-SB    | CW-NB    | Total    |           | Right          | Thru     | Left     | U-Turn   | CW-WB    | CW-EB    | Total     |           | Right     | Thru     | Left     | U-Turn    | CW-NB     | CW-SB | Total |           |            |
| 10:00 AM                | 0              | 6         | 0        | 0        | 0        | 0        | 6         | 0         | 2         | 0        | 0        | 0        | 0        | 2        | 0        | 0         | 0              | 0        | 0        | 0        | 0        | 0        | 11        | 0         | 0         | 0        | 0        | 11        | 19        |       |       |           |            |
| 10:15 AM                | 0              | 3         | 0        | 0        | 0        | 0        | 3         | 0         | 1         | 0        | 0        | 0        | 0        | 1        | 0        | 0         | 0              | 0        | 0        | 0        | 1        | 1        | 13        | 0         | 0         | 0        | 0        | 14        | 19        |       |       |           |            |
| 10:30 AM                | 0              | 7         | 0        | 0        | 0        | 1        | 8         | 0         | 2         | 0        | 0        | 0        | 0        | 2        | 0        | 1         | 0              | 0        | 0        | 0        | 1        | 1        | 6         | 0         | 0         | 0        | 0        | 7         | 18        |       |       |           |            |
| 10:45 AM                | 1              | 7         | 2        | 0        | 0        | 0        | 10        | 0         | 1         | 0        | 0        | 0        | 0        | 1        | 0        | 2         | 0              | 0        | 0        | 0        | 2        | 4        | 11        | 0         | 0         | 0        | 0        | 15        | 28        |       |       |           |            |
| <b>Total Volume</b>     | <b>1</b>       | <b>23</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>27</b> | <b>0</b>  | <b>6</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>6</b> | <b>0</b> | <b>3</b>  | <b>0</b>       | <b>0</b> | <b>0</b> | <b>1</b> | <b>4</b> | <b>6</b> | <b>41</b> | <b>0</b>  | <b>0</b>  | <b>0</b> | <b>0</b> | <b>47</b> | <b>84</b> |       |       |           |            |
| <b>% Approach Total</b> | 3.7            | 85.2      | 7.4      | 0.0      | 0.0      | 3.7      |           | 0.0       | 100.0     | 0.0      | 0.0      | 0.0      | 0.0      |          | 0.0      | 75.0      | 0.0            | 0.0      | 0.0      | 25.0     |          | 12.8     | 87.2      | 0.0       | 0.0       | 0.0      | 0.0      |           |           |       |       |           |            |
| <b>PHF</b>              | 0.250          | 0.821     | 0.250    | 0.000    | 0.000    | 0.250    | 0.675     | 0.000     | 0.750     | 0.000    | 0.000    | 0.000    | 0.750    | 0.000    | 0.375    | 0.000     | 0.000          | 0.000    | 0.250    | 0.500    | 0.375    | 0.788    | 0.000     | 0.000     | 0.000     | 0.000    | 0.783    | 0.750     |           |       |       |           |            |
| <b>Entering Leg</b>     | <b>1</b>       | <b>23</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>27</b> | <b>0</b>  | <b>6</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>6</b> | <b>0</b> | <b>3</b>  | <b>0</b>       | <b>0</b> | <b>0</b> | <b>1</b> | <b>4</b> | <b>6</b> | <b>41</b> | <b>0</b>  | <b>0</b>  | <b>0</b> | <b>0</b> | <b>47</b> | <b>84</b> |       |       |           |            |
| <b>Exiting Leg</b>      |                |           |          |          |          |          |           | <b>4</b>  |           |          |          |          |          |          |          | <b>43</b> |                |          |          |          |          |          |           | <b>30</b> |           |          |          |           |           |       |       | <b>7</b>  | <b>84</b>  |
| <b>Total</b>            |                |           |          |          |          |          |           | <b>31</b> |           |          |          |          |          |          |          | <b>49</b> |                |          |          |          |          |          |           | <b>34</b> |           |          |          |           |           |       |       | <b>54</b> | <b>168</b> |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                         | Windsor Street |           |          |          |          |          |           |           | Broadway  |          |          |          |          |           |          |            | Windsor Street |          |          |          |           |          |           |           | Broadway  |          |          |           |            |       |       |            | Total      |
|-------------------------|----------------|-----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|----------|-----------|----------|------------|----------------|----------|----------|----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|------------|-------|-------|------------|------------|
|                         | from North     |           |          |          |          |          |           |           | from East |          |          |          |          |           |          |            | from South     |          |          |          |           |          |           |           | from West |          |          |           |            |       |       |            |            |
|                         | Right          | Thru      | Left     | U-Turn   | CW-EB    | CW-WB    | Total     |           | Right     | Thru     | Left     | U-Turn   | CW-SB    | CW-NB     | Total    |            | Right          | Thru     | Left     | U-Turn   | CW-WB     | CW-EB    | Total     |           | Right     | Thru     | Left     | U-Turn    | CW-NB      | CW-SB | Total |            |            |
| 5:45 PM                 | 1              | 3         | 0        | 0        | 0        | 0        | 4         | 0         | 25        | 1        | 0        | 0        | 0        | 26        | 0        | 14         | 2              | 0        | 0        | 0        | 16        | 1        | 7         | 0         | 0         | 3        | 1        | 12        | 58         |       |       |            |            |
| 6:00 PM                 | 1              | 5         | 0        | 0        | 0        | 0        | 6         | 0         | 19        | 1        | 0        | 0        | 0        | 20        | 1        | 9          | 1              | 0        | 0        | 0        | 11        | 0        | 6         | 0         | 0         | 1        | 0        | 7         | 44         |       |       |            |            |
| 6:15 PM                 | 1              | 2         | 0        | 0        | 0        | 0        | 3         | 0         | 21        | 0        | 0        | 0        | 1        | 22        | 1        | 11         | 2              | 0        | 0        | 0        | 14        | 1        | 3         | 1         | 0         | 0        | 1        | 6         | 45         |       |       |            |            |
| 6:30 PM                 | 2              | 1         | 1        | 0        | 0        | 0        | 4         | 0         | 25        | 1        | 0        | 0        | 1        | 27        | 0        | 9          | 3              | 0        | 3        | 1        | 16        | 1        | 7         | 0         | 0         | 0        | 0        | 8         | 55         |       |       |            |            |
| <b>Total Volume</b>     | <b>5</b>       | <b>11</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>17</b> | <b>0</b>  | <b>90</b> | <b>3</b> | <b>0</b> | <b>0</b> | <b>2</b> | <b>95</b> | <b>2</b> | <b>43</b>  | <b>8</b>       | <b>0</b> | <b>3</b> | <b>1</b> | <b>57</b> | <b>3</b> | <b>23</b> | <b>1</b>  | <b>0</b>  | <b>4</b> | <b>2</b> | <b>33</b> | <b>202</b> |       |       |            |            |
| <b>% Approach Total</b> | 29.4           | 64.7      | 5.9      | 0.0      | 0.0      | 0.0      |           | 0.0       | 94.7      | 3.2      | 0.0      | 0.0      | 2.1      |           | 3.5      | 75.4       | 14.0           | 0.0      | 5.3      | 1.8      |           | 9.1      | 69.7      | 3.0       | 0.0       | 12.1     | 6.1      |           |            |       |       |            |            |
| <b>PHF</b>              | 0.625          | 0.550     | 0.250    | 0.000    | 0.000    | 0.000    | 0.708     | 0.000     | 0.900     | 0.750    | 0.000    | 0.000    | 0.500    | 0.880     | 0.500    | 0.768      | 0.667          | 0.000    | 0.250    | 0.250    | 0.891     | 0.750    | 0.821     | 0.250     | 0.000     | 0.333    | 0.500    | 0.688     | 0.871      |       |       |            |            |
| <b>Entering Leg</b>     | <b>5</b>       | <b>11</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>17</b> | <b>0</b>  | <b>90</b> | <b>3</b> | <b>0</b> | <b>0</b> | <b>2</b> | <b>95</b> | <b>2</b> | <b>43</b>  | <b>8</b>       | <b>0</b> | <b>3</b> | <b>1</b> | <b>57</b> | <b>3</b> | <b>23</b> | <b>1</b>  | <b>0</b>  | <b>4</b> | <b>2</b> | <b>33</b> | <b>202</b> |       |       |            |            |
| <b>Exiting Leg</b>      |                |           |          |          |          |          |           | <b>44</b> |           |          |          |          |          |           |          | <b>28</b>  |                |          |          |          |           |          |           | <b>21</b> |           |          |          |           |            |       |       | <b>109</b> | <b>202</b> |
| <b>Total</b>            |                |           |          |          |          |          |           | <b>61</b> |           |          |          |          |          |           |          | <b>123</b> |                |          |          |          |           |          |           | <b>78</b> |           |          |          |           |            |       |       | <b>142</b> | <b>404</b> |



PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Pedestrians**

|          | Windsor Street |      |      |        |       |       |       | Broadway  |      |      |        |       |       |       | Windsor Street |      |      |        |       |       |       | Broadway  |      |      |        |       |       |       | Total |
|----------|----------------|------|------|--------|-------|-------|-------|-----------|------|------|--------|-------|-------|-------|----------------|------|------|--------|-------|-------|-------|-----------|------|------|--------|-------|-------|-------|-------|
|          | from North     |      |      |        |       |       |       | from East |      |      |        |       |       |       | from South     |      |      |        |       |       |       | from West |      |      |        |       |       |       |       |
|          | Right          | Thru | Left | U-Turn | CW-EB | CW-WB | Total | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total | Right          | Thru | Left | U-Turn | CW-WB | CW-EB | Total | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |       |
| 7:00 AM  | 0              | 0    | 0    | 0      | 4     | 1     | 5     | 0         | 0    | 0    | 0      | 5     | 4     | 9     | 0              | 0    | 0    | 0      | 0     | 2     | 2     | 0         | 0    | 0    | 0      | 2     | 6     | 8     | 24    |
| 7:15 AM  | 0              | 0    | 0    | 0      | 6     | 1     | 7     | 0         | 0    | 0    | 0      | 4     | 1     | 5     | 0              | 0    | 0    | 0      | 6     | 7     | 13    | 0         | 0    | 0    | 0      | 5     | 6     | 11    | 36    |
| 7:30 AM  | 0              | 0    | 0    | 0      | 3     | 5     | 8     | 0         | 0    | 0    | 0      | 4     | 6     | 10    | 0              | 0    | 0    | 0      | 4     | 5     | 9     | 0         | 0    | 0    | 0      | 8     | 20    | 28    | 55    |
| 7:45 AM  | 0              | 0    | 0    | 0      | 10    | 6     | 16    | 0         | 0    | 0    | 0      | 8     | 11    | 19    | 0              | 0    | 0    | 0      | 4     | 21    | 25    | 0         | 0    | 0    | 0      | 12    | 16    | 28    | 88    |
| Total    | 0              | 0    | 0    | 0      | 23    | 13    | 36    | 0         | 0    | 0    | 0      | 21    | 22    | 43    | 0              | 0    | 0    | 0      | 14    | 35    | 49    | 0         | 0    | 0    | 0      | 27    | 48    | 75    | 203   |
| 8:00 AM  | 0              | 0    | 0    | 0      | 13    | 3     | 16    | 0         | 0    | 0    | 0      | 15    | 13    | 28    | 0              | 0    | 0    | 0      | 17    | 24    | 41    | 0         | 0    | 0    | 0      | 11    | 18    | 29    | 114   |
| 8:15 AM  | 0              | 0    | 0    | 0      | 13    | 8     | 21    | 0         | 0    | 0    | 0      | 17    | 12    | 29    | 0              | 0    | 0    | 0      | 14    | 14    | 28    | 0         | 0    | 0    | 0      | 20    | 6     | 26    | 104   |
| 8:30 AM  | 0              | 0    | 0    | 0      | 10    | 0     | 10    | 0         | 0    | 0    | 0      | 10    | 4     | 14    | 0              | 0    | 0    | 0      | 3     | 14    | 17    | 0         | 0    | 0    | 0      | 3     | 7     | 10    | 51    |
| 8:45 AM  | 0              | 0    | 0    | 0      | 19    | 4     | 23    | 0         | 0    | 0    | 0      | 14    | 4     | 18    | 0              | 0    | 0    | 0      | 3     | 17    | 20    | 0         | 0    | 0    | 0      | 4     | 10    | 14    | 75    |
| Total    | 0              | 0    | 0    | 0      | 55    | 15    | 70    | 0         | 0    | 0    | 0      | 56    | 33    | 89    | 0              | 0    | 0    | 0      | 37    | 69    | 106   | 0         | 0    | 0    | 0      | 38    | 41    | 79    | 344   |
| 9:00 AM  | 0              | 0    | 0    | 0      | 14    | 2     | 16    | 0         | 0    | 0    | 0      | 8     | 0     | 8     | 0              | 0    | 0    | 0      | 4     | 12    | 16    | 0         | 0    | 0    | 0      | 3     | 9     | 12    | 52    |
| 9:15 AM  | 0              | 0    | 0    | 0      | 15    | 6     | 21    | 0         | 0    | 0    | 0      | 6     | 1     | 7     | 0              | 0    | 0    | 0      | 7     | 12    | 19    | 0         | 0    | 0    | 0      | 5     | 1     | 6     | 53    |
| 9:30 AM  | 0              | 0    | 0    | 0      | 8     | 2     | 10    | 0         | 0    | 0    | 0      | 6     | 4     | 10    | 0              | 0    | 0    | 0      | 6     | 9     | 15    | 0         | 0    | 0    | 0      | 4     | 5     | 9     | 44    |
| 9:45 AM  | 0              | 0    | 0    | 0      | 8     | 4     | 12    | 0         | 0    | 0    | 0      | 3     | 3     | 6     | 0              | 0    | 0    | 0      | 2     | 7     | 9     | 0         | 0    | 0    | 0      | 3     | 5     | 8     | 35    |
| Total    | 0              | 0    | 0    | 0      | 45    | 14    | 59    | 0         | 0    | 0    | 0      | 23    | 8     | 31    | 0              | 0    | 0    | 0      | 19    | 40    | 59    | 0         | 0    | 0    | 0      | 15    | 20    | 35    | 184   |
| 10:00 AM | 0              | 0    | 0    | 0      | 5     | 2     | 7     | 0         | 0    | 0    | 0      | 6     | 2     | 8     | 0              | 0    | 0    | 0      | 6     | 8     | 14    | 0         | 0    | 0    | 0      | 1     | 5     | 6     | 35    |
| 10:15 AM | 0              | 0    | 0    | 0      | 4     | 1     | 5     | 0         | 0    | 0    | 0      | 5     | 0     | 5     | 0              | 0    | 0    | 0      | 3     | 4     | 7     | 0         | 0    | 0    | 0      | 2     | 5     | 7     | 24    |
| 10:30 AM | 0              | 0    | 0    | 0      | 6     | 1     | 7     | 0         | 0    | 0    | 0      | 6     | 3     | 9     | 0              | 0    | 0    | 0      | 0     | 6     | 6     | 0         | 0    | 0    | 0      | 1     | 9     | 10    | 32    |
| 10:45 AM | 0              | 0    | 0    | 0      | 0     | 1     | 1     | 0         | 0    | 0    | 0      | 2     | 2     | 4     | 0              | 0    | 0    | 0      | 5     | 7     | 12    | 0         | 0    | 0    | 0      | 5     | 1     | 6     | 23    |
| Total    | 0              | 0    | 0    | 0      | 15    | 5     | 20    | 0         | 0    | 0    | 0      | 19    | 7     | 26    | 0              | 0    | 0    | 0      | 14    | 25    | 39    | 0         | 0    | 0    | 0      | 9     | 20    | 29    | 114   |
| 11:00 AM | 0              | 0    | 0    | 0      | 2     | 1     | 3     | 0         | 0    | 0    | 0      | 5     | 2     | 7     | 0              | 0    | 0    | 0      | 1     | 5     | 6     | 0         | 0    | 0    | 0      | 1     | 2     | 3     | 19    |
| 11:15 AM | 0              | 0    | 0    | 0      | 1     | 2     | 3     | 0         | 0    | 0    | 0      | 4     | 2     | 6     | 0              | 0    | 0    | 0      | 7     | 2     | 9     | 0         | 0    | 0    | 0      | 0     | 1     | 1     | 19    |
| 11:30 AM | 0              | 0    | 0    | 0      | 0     | 2     | 2     | 0         | 0    | 0    | 0      | 2     | 2     | 4     | 0              | 0    | 0    | 0      | 5     | 7     | 12    | 0         | 0    | 0    | 0      | 2     | 3     | 5     | 23    |
| 11:45 AM | 0              | 0    | 0    | 0      | 4     | 3     | 7     | 0         | 0    | 0    | 0      | 5     | 0     | 5     | 0              | 0    | 0    | 0      | 4     | 5     | 9     | 0         | 0    | 0    | 0      | 0     | 0     | 0     | 21    |
| Total    | 0              | 0    | 0    | 0      | 7     | 8     | 15    | 0         | 0    | 0    | 0      | 16    | 6     | 22    | 0              | 0    | 0    | 0      | 17    | 19    | 36    | 0         | 0    | 0    | 0      | 3     | 6     | 9     | 82    |
| 12:00 PM | 0              | 0    | 0    | 0      | 1     | 0     | 1     | 0         | 0    | 0    | 0      | 1     | 1     | 2     | 0              | 0    | 0    | 0      | 3     | 40    | 43    | 0         | 0    | 0    | 0      | 0     | 2     | 2     | 48    |
| 12:15 PM | 0              | 0    | 0    | 0      | 0     | 7     | 7     | 0         | 0    | 0    | 0      | 3     | 3     | 6     | 0              | 0    | 0    | 0      | 7     | 4     | 11    | 0         | 0    | 0    | 0      | 2     | 5     | 7     | 31    |
| 12:30 PM | 0              | 0    | 0    | 0      | 4     | 3     | 7     | 0         | 0    | 0    | 0      | 2     | 2     | 4     | 0              | 0    | 0    | 0      | 39    | 8     | 47    | 0         | 0    | 0    | 0      | 2     | 1     | 3     | 61    |
| 12:45 PM | 0              | 0    | 0    | 0      | 0     | 7     | 7     | 0         | 0    | 0    | 0      | 3     | 3     | 6     | 0              | 0    | 0    | 0      | 12    | 6     | 18    | 0         | 0    | 0    | 0      | 3     | 2     | 5     | 36    |
| Total    | 0              | 0    | 0    | 0      | 5     | 17    | 22    | 0         | 0    | 0    | 0      | 9     | 9     | 18    | 0              | 0    | 0    | 0      | 61    | 58    | 119   | 0         | 0    | 0    | 0      | 7     | 10    | 17    | 176   |
| 1:00 PM  | 0              | 0    | 0    | 0      | 0     | 2     | 2     | 0         | 0    | 0    | 0      | 0     | 2     | 2     | 0              | 0    | 0    | 0      | 11    | 9     | 20    | 0         | 0    | 0    | 0      | 4     | 4     | 8     | 32    |
| 1:15 PM  | 0              | 0    | 0    | 0      | 1     | 1     | 2     | 0         | 0    | 0    | 0      | 3     | 1     | 4     | 0              | 0    | 0    | 0      | 4     | 4     | 8     | 0         | 0    | 0    | 0      | 8     | 2     | 10    | 24    |
| 1:30 PM  | 0              | 0    | 0    | 0      | 0     | 4     | 4     | 0         | 0    | 0    | 0      | 1     | 2     | 3     | 0              | 0    | 0    | 0      | 7     | 7     | 14    | 0         | 0    | 0    | 0      | 7     | 6     | 13    | 34    |
| 1:45 PM  | 0              | 0    | 0    | 0      | 2     | 1     | 3     | 0         | 0    | 0    | 0      | 4     | 2     | 6     | 0              | 0    | 0    | 0      | 8     | 12    | 20    | 0         | 0    | 0    | 0      | 6     | 3     | 9     | 38    |
| Total    | 0              | 0    | 0    | 0      | 3     | 8     | 11    | 0         | 0    | 0    | 0      | 8     | 7     | 15    | 0              | 0    | 0    | 0      | 30    | 32    | 62    | 0         | 0    | 0    | 0      | 25    | 15    | 40    | 128   |
| 2:00 PM  | 0              | 0    | 0    | 0      | 1     | 2     | 3     | 0         | 0    | 0    | 0      | 1     | 3     | 4     | 0              | 0    | 0    | 0      | 6     | 7     | 13    | 0         | 0    | 0    | 0      | 2     | 3     | 5     | 25    |
| 2:15 PM  | 0              | 0    | 0    | 0      | 1     | 2     | 3     | 0         | 0    | 0    | 0      | 0     | 3     | 3     | 0              | 0    | 0    | 0      | 5     | 5     | 10    | 0         | 0    | 0    | 0      | 1     | 1     | 2     | 18    |
| 2:30 PM  | 0              | 0    | 0    | 0      | 6     | 1     | 7     | 0         | 0    | 0    | 0      | 6     | 2     | 8     | 0              | 0    | 0    | 0      | 7     | 11    | 18    | 0         | 0    | 0    | 0      | 3     | 1     | 4     | 37    |
| 2:45 PM  | 0              | 0    | 0    | 0      | 3     | 3     | 6     | 0         | 0    | 0    | 0      | 4     | 3     | 7     | 0              | 0    | 0    | 0      | 6     | 6     | 12    | 0         | 0    | 0    | 0      | 9     | 5     | 14    | 39    |
| Total    | 0              | 0    | 0    | 0      | 11    | 8     | 19    | 0         | 0    | 0    | 0      | 11    | 11    | 22    | 0              | 0    | 0    | 0      | 24    | 29    | 53    | 0         | 0    | 0    | 0      | 15    | 10    | 25    | 119   |
| 3:00 PM  | 0              | 0    | 0    | 0      | 1     | 1     | 2     | 0         | 0    | 0    | 0      | 2     | 1     | 3     | 0              | 0    | 0    | 0      | 11    | 1     | 12    | 0         | 0    | 0    | 0      | 3     | 0     | 3     | 20    |
| 3:15 PM  | 0              | 0    | 0    | 0      | 2     | 4     | 6     | 0         | 0    | 0    | 0      | 4     | 6     | 10    | 0              | 0    | 0    | 0      | 8     | 10    | 18    | 0         | 0    | 0    | 0      | 2     | 8     | 10    | 44    |
| 3:30 PM  | 0              | 0    | 0    | 0      | 1     | 2     | 3     | 0         | 0    | 0    | 0      | 12    | 3     | 15    | 0              | 0    | 0    | 0      | 7     | 4     | 11    | 0         | 0    | 0    | 0      | 6     | 12    | 18    | 47    |
| 3:45 PM  | 0              | 0    | 0    | 0      | 1     | 5     | 6     | 0         | 0    | 0    | 0      | 8     | 6     | 14    | 0              | 0    | 0    | 0      | 14    | 8     | 22    | 0         | 0    | 0    | 0      | 18    | 5     | 23    | 65    |
| Total    | 0              | 0    | 0    | 0      | 5     | 12    | 17    | 0         | 0    | 0    | 0      | 26    | 16    | 42    | 0              | 0    | 0    | 0      | 40    | 23    | 63    | 0         | 0    | 0    | 0      | 29    | 25    | 54    | 176   |
| 4:00 PM  | 0              | 0    | 0    | 0      | 4     | 3     | 7     | 0         | 0    | 0    | 0      | 3     | 5     | 8     | 0              | 0    | 0    | 0      | 8     | 6     | 14    | 0         | 0    | 0    | 0      | 8     | 5     | 13    | 42    |
| 4:15 PM  | 0              | 0    | 0    | 0      | 5     | 10    | 15    | 0         | 0    | 0    | 0      | 3     | 10    | 13    | 0              | 0    | 0    | 0      | 7     | 2     | 9     | 0         | 0    | 0    | 0      | 4     | 4     | 8     | 45    |
| 4:30 PM  | 0              | 0    | 0    | 0      | 1     | 4     | 5     | 0         | 0    | 0    | 0      | 2     | 8     | 10    | 0              | 0    | 0    | 0      | 10    | 6     | 16    | 0         | 0    | 0    | 0      | 13    | 5     | 18    | 49    |
| 4:45 PM  | 0              | 0    | 0    | 0      | 4     | 8     | 12    | 0         | 0    | 0    | 0      | 4     | 9     | 13    | 0              | 0    | 0    | 0      | 15    | 9     | 24    | 0         | 0    | 0    | 0      | 6     | 7     | 13    | 62    |
| Total    | 0              | 0    | 0    | 0      | 14    | 25    | 39    | 0         | 0    | 0    | 0      | 12    | 32    | 44    | 0              | 0    | 0    | 0      | 40    | 23    | 63    | 0         | 0    | 0    | 0      | 31    | 21    | 52    | 198   |
| 5:00 PM  | 0              | 0    | 0    | 0      | 4     | 9     | 13    | 0         | 0    | 0    | 0      | 6     | 12    | 18    | 0              | 0    | 0    | 0      | 12    | 7     | 19    | 0         | 0    | 0    | 0      | 8     | 5     | 13    | 63    |
| 5:15 PM  | 0              | 0    | 0    | 0      | 1     | 17    | 18    | 0         | 0    | 0    | 0      | 3     | 10    | 13    | 0              | 0    | 0    | 0      | 11    | 10    | 21    | 0         | 0    | 0    | 0      | 12    | 10    | 22    | 74    |
| 5:30 PM  | 0              | 0    | 0    | 0      | 9     | 9     | 18    | 0         | 0    | 0    | 0      | 8     | 8     | 16    | 0              | 0    | 0    | 0      | 15    | 10    | 25    | 0         | 0    | 0    | 0      | 10    | 8     | 18    | 77    |
| 5:45 PM  | 0              | 0    | 0    | 0      | 6     | 16    | 22    | 0         | 0    | 0    | 0      | 4     | 14    | 18    | 0              | 0    | 0    | 0      | 22    | 1     | 23    | 0         | 0    | 0    | 0      | 11    | 1     | 12    | 75    |
| Total    | 0              | 0    | 0    | 0      | 20    | 51    | 71    | 0         | 0    | 0    | 0      | 21    | 44    | 65    | 0              | 0    | 0    | 0      | 60    | 28    | 88    | 0         | 0    | 0    | 0      | 41    | 24    | 65    | 289   |
| 6:00 PM  | 0              | 0    | 0    | 0      | 5     | 11    | 16    | 0         | 0    | 0    | 0      | 5     | 12    | 17    | 0              | 0    | 0    | 0      | 17    | 8     | 25    | 0         | 0    | 0    | 0      | 22    | 1     | 23    | 81    |
| 6:15 PM  | 0              | 0    | 0    | 0      | 6     | 6     | 12    | 0         | 0    | 0    | 0      | 5     | 10    | 15    | 0              | 0    | 0    | 0      | 18    | 6     | 24    | 0         | 0    | 0    | 0      | 9     | 12    | 21    | 72    |

PDI File #: **240156 G**  
 Location: **N: Windsor Street S: Windsor Street**  
 Location: **E: Broadway W: Broadway**  
 City, State: **Cambridge, MA**  
 Client: **Kittelson/M. Sanders**  
 Site Code: **274770.007**  
 Count Date: **Tuesday, September 10, 2024**  
 Start Time: **7:00 AM**  
 End Time: **7:00 PM**  
 Class:



**Pedestrians**

|                          | Windsor Street |      |      |        |       |       |       |     | Broadway  |      |      |        |       |       |       |   | Windsor Street |      |      |        |       |       |       |   | Broadway  |      |      |        |       |       |       |  | Total |
|--------------------------|----------------|------|------|--------|-------|-------|-------|-----|-----------|------|------|--------|-------|-------|-------|---|----------------|------|------|--------|-------|-------|-------|---|-----------|------|------|--------|-------|-------|-------|--|-------|
|                          | from North     |      |      |        |       |       |       |     | from East |      |      |        |       |       |       |   | from South     |      |      |        |       |       |       |   | from West |      |      |        |       |       |       |  |       |
|                          | Right          | Thru | Left | U-Turn | CW-EB | CW-WB | Total |     | Right     | Thru | Left | U-Turn | CW-SB | CW-NB | Total |   | Right          | Thru | Left | U-Turn | CW-WB | CW-EB | Total |   | Right     | Thru | Left | U-Turn | CW-NB | CW-SB | Total |  |       |
| 6:30 PM                  | 0              | 0    | 0    | 0      | 8     | 7     | 15    | 0   | 0         | 0    | 0    | 7      | 13    | 20    | 0     | 0 | 0              | 0    | 18   | 5      | 23    | 0     | 0     | 0 | 0         | 9    | 7    | 16     | 74    |       |       |  |       |
| 6:45 PM                  | 0              | 0    | 0    | 0      | 0     | 10    | 10    | 0   | 0         | 0    | 0    | 9      | 13    | 22    | 0     | 0 | 0              | 0    | 17   | 4      | 21    | 0     | 0     | 0 | 0         | 7    | 4    | 11     | 64    |       |       |  |       |
| <b>Total</b>             | 0              | 0    | 0    | 0      | 19    | 34    | 53    | 0   | 0         | 0    | 0    | 26     | 48    | 74    | 0     | 0 | 0              | 0    | 70   | 23     | 93    | 0     | 0     | 0 | 0         | 47   | 24   | 71     | 291   |       |       |  |       |
| <b>Grand Total</b>       | 0              | 0    | 0    | 0      | 222   | 210   | 432   | 0   | 0         | 0    | 0    | 248    | 243   | 491   | 0     | 0 | 0              | 0    | 426  | 404    | 830   | 0     | 0     | 0 | 0         | 287  | 264  | 551    | 2304  |       |       |  |       |
| <b>Approach %</b>        | 0              | 0    | 0    | 0      | 51.4  | 48.6  |       | 0   | 0         | 0    | 0    | 50.5   | 49.5  |       | 0     | 0 | 0              | 0    | 51.3 | 48.7   |       | 0     | 0     | 0 | 0         | 52.1 | 47.9 |        |       |       |       |  |       |
| <b>Total %</b>           | 0              | 0    | 0    | 0      | 9.64  | 9.11  | 18.8  | 0   | 0         | 0    | 0    | 10.8   | 10.5  | 21.3  | 0     | 0 | 0              | 0    | 18.5 | 17.5   | 36    | 0     | 0     | 0 | 0         | 12.5 | 11.5 | 23.9   |       |       |       |  |       |
| <b>Exiting Leg Total</b> | 432            |      |      |        |       |       |       | 491 |           |      |      |        |       |       | 830   |   |                |      |      |        |       | 551   |       |   |           |      |      |        | 2304  |       |       |  |       |

**AM Peak Hour Analysis from 07:00 AM to 10:00 AM begins at:**

|                         | Windsor Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Windsor Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North     |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South     |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right          | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right          | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 7:30 AM                 | 0              | 0     | 0     | 0      | 3     | 5     | 8     | 0     | 0         | 0     | 0     | 4      | 6     | 10    | 0     | 0     | 0              | 0     | 4     | 5      | 9     | 0     | 0     | 0     | 0         | 8     | 20    | 28     | 55    |       |       |  |       |
| 7:45 AM                 | 0              | 0     | 0     | 0      | 10    | 6     | 16    | 0     | 0         | 0     | 0     | 8      | 11    | 19    | 0     | 0     | 0              | 0     | 4     | 21     | 25    | 0     | 0     | 0     | 0         | 12    | 16    | 28     | 88    |       |       |  |       |
| 8:00 AM                 | 0              | 0     | 0     | 0      | 13    | 3     | 16    | 0     | 0         | 0     | 0     | 15     | 13    | 28    | 0     | 0     | 0              | 0     | 17    | 24     | 41    | 0     | 0     | 0     | 0         | 11    | 18    | 29     | 114   |       |       |  |       |
| 8:15 AM                 | 0              | 0     | 0     | 0      | 13    | 8     | 21    | 0     | 0         | 0     | 0     | 17     | 12    | 29    | 0     | 0     | 0              | 0     | 14    | 14     | 28    | 0     | 0     | 0     | 0         | 20    | 6     | 26     | 104   |       |       |  |       |
| <b>Total Volume</b>     | 0              | 0     | 0     | 0      | 39    | 22    | 61    | 0     | 0         | 0     | 0     | 44     | 42    | 86    | 0     | 0     | 0              | 0     | 39    | 64     | 103   | 0     | 0     | 0     | 0         | 51    | 60    | 111    | 361   |       |       |  |       |
| <b>% Approach Total</b> | 0.0            | 0.0   | 0.0   | 0.0    | 63.9  | 36.1  |       | 0.0   | 0.0       | 0.0   | 0.0   | 51.2   | 48.8  |       | 0.0   | 0.0   | 0.0            | 0.0   | 37.9  | 62.1   |       | 0.0   | 0.0   | 0.0   | 0.0       | 45.9  | 54.1  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000          | 0.000 | 0.000 | 0.000  | 0.750 | 0.688 | 0.726 | 0.000 | 0.000     | 0.000 | 0.000 | 0.647  | 0.808 | 0.741 | 0.000 | 0.000 | 0.000          | 0.000 | 0.574 | 0.667  | 0.628 | 0.000 | 0.000 | 0.000 | 0.000     | 0.638 | 0.750 | 0.957  | 0.792 |       |       |  |       |
| <b>Entering Leg</b>     | 0              | 0     | 0     | 0      | 39    | 22    | 61    | 0     | 0         | 0     | 0     | 44     | 42    | 86    | 0     | 0     | 0              | 0     | 39    | 64     | 103   | 0     | 0     | 0     | 0         | 51    | 60    | 111    | 361   |       |       |  |       |
| <b>Exiting Leg</b>      | 61             |       |       |        |       |       |       | 86    |           |       |       |        |       |       | 103   |       |                |       |       |        |       | 111   |       |       |           |       |       |        | 361   |       |       |  |       |
| <b>Total</b>            | 122            |       |       |        |       |       |       | 172   |           |       |       |        |       |       | 206   |       |                |       |       |        |       | 222   |       |       |           |       |       |        | 722   |       |       |  |       |

**MidDay Peak Hour Analysis from 10:00 AM to 2:00 PM begins at:**

|                         | Windsor Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Windsor Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North     |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South     |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right          | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right          | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 12:00 PM                | 0              | 0     | 0     | 0      | 1     | 0     | 1     | 0     | 0         | 0     | 0     | 1      | 1     | 2     | 0     | 0     | 0              | 0     | 3     | 40     | 43    | 0     | 0     | 0     | 0         | 0     | 2     | 2      | 48    |       |       |  |       |
| 12:15 PM                | 0              | 0     | 0     | 0      | 0     | 7     | 7     | 0     | 0         | 0     | 0     | 3      | 3     | 6     | 0     | 0     | 0              | 0     | 7     | 4      | 11    | 0     | 0     | 0     | 0         | 2     | 5     | 7      | 31    |       |       |  |       |
| 12:30 PM                | 0              | 0     | 0     | 0      | 4     | 3     | 7     | 0     | 0         | 0     | 0     | 2      | 2     | 4     | 0     | 0     | 0              | 0     | 39    | 8      | 47    | 0     | 0     | 0     | 0         | 2     | 1     | 3      | 61    |       |       |  |       |
| 12:45 PM                | 0              | 0     | 0     | 0      | 0     | 7     | 7     | 0     | 0         | 0     | 0     | 3      | 3     | 6     | 0     | 0     | 0              | 0     | 12    | 6      | 18    | 0     | 0     | 0     | 0         | 3     | 2     | 5      | 36    |       |       |  |       |
| <b>Total Volume</b>     | 0              | 0     | 0     | 0      | 5     | 17    | 22    | 0     | 0         | 0     | 0     | 9      | 9     | 18    | 0     | 0     | 0              | 0     | 61    | 58     | 119   | 0     | 0     | 0     | 0         | 7     | 10    | 17     | 176   |       |       |  |       |
| <b>% Approach Total</b> | 0.0            | 0.0   | 0.0   | 0.0    | 22.7  | 77.3  |       | 0.0   | 0.0       | 0.0   | 0.0   | 50.0   | 50.0  |       | 0.0   | 0.0   | 0.0            | 0.0   | 51.3  | 48.7   |       | 0.0   | 0.0   | 0.0   | 0.0       | 41.2  | 58.8  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000          | 0.000 | 0.000 | 0.000  | 0.313 | 0.607 | 0.786 | 0.000 | 0.000     | 0.000 | 0.000 | 0.750  | 0.750 | 0.750 | 0.000 | 0.000 | 0.000          | 0.000 | 0.391 | 0.363  | 0.633 | 0.000 | 0.000 | 0.000 | 0.000     | 0.583 | 0.500 | 0.607  | 0.721 |       |       |  |       |
| <b>Entering Leg</b>     | 0              | 0     | 0     | 0      | 5     | 17    | 22    | 0     | 0         | 0     | 0     | 9      | 9     | 18    | 0     | 0     | 0              | 0     | 61    | 58     | 119   | 0     | 0     | 0     | 0         | 7     | 10    | 17     | 176   |       |       |  |       |
| <b>Exiting Leg</b>      | 22             |       |       |        |       |       |       | 18    |           |       |       |        |       |       | 119   |       |                |       |       |        |       | 17    |       |       |           |       |       |        | 176   |       |       |  |       |
| <b>Total</b>            | 44             |       |       |        |       |       |       | 36    |           |       |       |        |       |       | 238   |       |                |       |       |        |       | 34    |       |       |           |       |       |        | 352   |       |       |  |       |

**PM Peak Hour Analysis from 2:00 PM to 07:00 PM begins at:**

|                         | Windsor Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |       | Windsor Street |       |       |        |       |       |       |       | Broadway  |       |       |        |       |       |       |  | Total |
|-------------------------|----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|-------|----------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|--------|-------|-------|-------|--|-------|
|                         | from North     |       |       |        |       |       |       |       | from East |       |       |        |       |       |       |       | from South     |       |       |        |       |       |       |       | from West |       |       |        |       |       |       |  |       |
|                         | Right          | Thru  | Left  | U-Turn | CW-EB | CW-WB | Total |       | Right     | Thru  | Left  | U-Turn | CW-SB | CW-NB | Total |       | Right          | Thru  | Left  | U-Turn | CW-WB | CW-EB | Total |       | Right     | Thru  | Left  | U-Turn | CW-NB | CW-SB | Total |  |       |
| 5:15 PM                 | 0              | 0     | 0     | 0      | 1     | 17    | 18    | 0     | 0         | 0     | 0     | 3      | 10    | 13    | 0     | 0     | 0              | 0     | 11    | 10     | 21    | 0     | 0     | 0     | 0         | 12    | 10    | 22     | 74    |       |       |  |       |
| 5:30 PM                 | 0              | 0     | 0     | 0      | 9     | 9     | 18    | 0     | 0         | 0     | 0     | 8      | 8     | 16    | 0     | 0     | 0              | 0     | 15    | 10     | 25    | 0     | 0     | 0     | 0         | 10    | 8     | 18     | 77    |       |       |  |       |
| 5:45 PM                 | 0              | 0     | 0     | 0      | 6     | 16    | 22    | 0     | 0         | 0     | 0     | 4      | 14    | 18    | 0     | 0     | 0              | 0     | 22    | 1      | 23    | 0     | 0     | 0     | 0         | 11    | 1     | 12     | 75    |       |       |  |       |
| 6:00 PM                 | 0              | 0     | 0     | 0      | 5     | 11    | 16    | 0     | 0         | 0     | 0     | 5      | 12    | 17    | 0     | 0     | 0              | 0     | 17    | 8      | 25    | 0     | 0     | 0     | 0         | 22    | 1     | 23     | 81    |       |       |  |       |
| <b>Total Volume</b>     | 0              | 0     | 0     | 0      | 21    | 53    | 74    | 0     | 0         | 0     | 0     | 20     | 44    | 64    | 0     | 0     | 0              | 0     | 65    | 29     | 94    | 0     | 0     | 0     | 0         | 55    | 20    | 75     | 307   |       |       |  |       |
| <b>% Approach Total</b> | 0.0            | 0.0   | 0.0   | 0.0    | 28.4  | 71.6  |       | 0.0   | 0.0       | 0.0   | 0.0   | 31.3   | 68.8  |       | 0.0   | 0.0   | 0.0            | 0.0   | 69.1  | 30.9   |       | 0.0   | 0.0   | 0.0   | 0.0       | 73.3  | 26.7  |        |       |       |       |  |       |
| <b>PHF</b>              | 0.000          | 0.000 | 0.000 | 0.000  | 0.583 | 0.779 | 0.841 | 0.000 | 0.000     | 0.000 | 0.000 | 0.625  | 0.786 | 0.889 | 0.000 | 0.000 | 0.000          | 0.000 | 0.739 | 0.725  | 0.940 | 0.000 | 0.000 | 0.000 | 0.000     | 0.625 | 0.500 | 0.815  | 0.948 |       |       |  |       |
| <b>Entering Leg</b>     | 0              | 0     | 0     | 0      | 21    | 53    | 74    | 0     | 0         | 0     | 0     | 20     | 44    | 64    | 0     | 0     | 0              | 0     | 65    | 29     | 94    | 0     | 0     | 0     | 0         | 55    | 20    | 75     | 307   |       |       |  |       |
| <b>Exiting Leg</b>      | 74             |       |       |        |       |       |       | 64    |           |       |       |        |       |       | 94    |       |                |       |       |        |       | 75    |       |       |           |       |       |        | 307   |       |       |  |       |
| <b>Total</b>            | 148            |       |       |        |       |       |       | 128   |           |       |       |        |       |       | 188   |       |                |       |       |        |       | 150   |       |       |           |       |       |        | 614   |       |       |  |       |