

# Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Huron Avenue  
 E,W/NW: Garden Street/Sherman Street  
 City, State: Cambridge, MA  
 Client: McM/R. Hansen

File Name : 05039E  
 Site Code : Y1604246  
 Start Date : 5/30/2018  
 Page No : 1

### Groups Printed- Cars & Clockwise Peds - Trucks & Counter Peds - Bikes by Direction

Start Time	Huron Avenue From North					Garden Street From East					Huron Avenue From South					Garden Street From West					Sherman Street From Northwest					Int. Total
	Hard Right	Right	Thru	Left	Peds	Right	Bear Right	Thru	Left	Peds	Right	Thru	Bear Left	Left	Peds	Right	Thru	Left	Hard Left	Peds	Hard Right	Bear Right	Bear Left	Hard Left	Peds	
07:00 AM	0	4	39	0	2	0	13	13	5	1	2	7	2	0	2	3	18	1	0	3	0	49	22	1	3	190
07:15 AM	0	1	57	2	1	1	20	9	7	3	6	13	6	1	4	5	25	0	0	0	0	54	32	0	1	248
07:30 AM	1	3	67	4	4	1	22	15	8	2	14	10	9	3	3	3	38	1	1	3	0	41	45	0	3	301
07:45 AM	1	4	51	6	12	1	21	17	8	7	17	20	10	2	4	4	60	2	0	1	0	40	40	0	2	330
<b>Total</b>	<b>2</b>	<b>12</b>	<b>214</b>	<b>12</b>	<b>19</b>	<b>3</b>	<b>76</b>	<b>54</b>	<b>28</b>	<b>13</b>	<b>39</b>	<b>50</b>	<b>27</b>	<b>6</b>	<b>13</b>	<b>15</b>	<b>141</b>	<b>4</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>184</b>	<b>139</b>	<b>1</b>	<b>9</b>	<b>1069</b>
08:00 AM	1	4	57	3	15	0	38	31	17	7	17	18	12	4	15	4	57	0	0	0	0	39	41	0	1	381
08:15 AM	1	0	43	2	10	1	24	32	20	7	18	19	10	0	5	2	45	3	0	2	0	34	36	1	7	322
08:30 AM	3	0	52	5	11	3	29	33	12	3	14	16	11	0	12	6	38	0	1	6	0	35	39	1	5	335
08:45 AM	1	1	54	2	4	2	21	28	22	2	24	23	4	1	8	2	52	0	0	3	0	34	33	1	3	325
<b>Total</b>	<b>6</b>	<b>5</b>	<b>206</b>	<b>12</b>	<b>40</b>	<b>6</b>	<b>112</b>	<b>124</b>	<b>71</b>	<b>19</b>	<b>73</b>	<b>76</b>	<b>37</b>	<b>5</b>	<b>40</b>	<b>14</b>	<b>192</b>	<b>3</b>	<b>1</b>	<b>11</b>	<b>0</b>	<b>142</b>	<b>149</b>	<b>3</b>	<b>16</b>	<b>1363</b>
09:00 AM	0	2	41	1	7	3	3	27	18	4	11	15	0	1	6	0	29	0	0	1	0	49	35	2	3	258
09:15 AM	1	0	27	2	6	1	1	23	16	3	10	17	0	1	6	4	27	0	0	5	0	42	28	0	7	227
<b>Grand Total</b>	<b>9</b>	<b>19</b>	<b>488</b>	<b>27</b>	<b>72</b>	<b>13</b>	<b>192</b>	<b>228</b>	<b>133</b>	<b>39</b>	<b>133</b>	<b>158</b>	<b>64</b>	<b>13</b>	<b>65</b>	<b>33</b>	<b>389</b>	<b>7</b>	<b>2</b>	<b>24</b>	<b>0</b>	<b>417</b>	<b>351</b>	<b>6</b>	<b>35</b>	<b>2917</b>
<b>Apprch %</b>	<b>1.5</b>	<b>3.1</b>	<b>79.3</b>	<b>4.4</b>	<b>11.7</b>	<b>2.1</b>	<b>31.7</b>	<b>37.7</b>	<b>22</b>	<b>6.4</b>	<b>30.7</b>	<b>36.5</b>	<b>14.8</b>	<b>3</b>	<b>15</b>	<b>7.3</b>	<b>85.5</b>	<b>1.5</b>	<b>0.4</b>	<b>5.3</b>	<b>0</b>	<b>51.5</b>	<b>43.4</b>	<b>0.7</b>	<b>4.3</b>	
<b>Total %</b>	<b>0.3</b>	<b>0.7</b>	<b>16.7</b>	<b>0.9</b>	<b>2.5</b>	<b>0.4</b>	<b>6.6</b>	<b>7.8</b>	<b>4.6</b>	<b>1.3</b>	<b>4.6</b>	<b>5.4</b>	<b>2.2</b>	<b>0.4</b>	<b>2.2</b>	<b>1.1</b>	<b>13.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.8</b>	<b>0</b>	<b>14.3</b>	<b>12</b>	<b>0.2</b>	<b>1.2</b>	
<b>Cars &amp; Clockwise Peds</b>	<b>7</b>	<b>17</b>	<b>464</b>	<b>23</b>	<b>37</b>	<b>10</b>	<b>171</b>	<b>197</b>	<b>120</b>	<b>17</b>	<b>116</b>	<b>150</b>	<b>64</b>	<b>12</b>	<b>13</b>	<b>29</b>	<b>329</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>405</b>	<b>280</b>	<b>6</b>	<b>12</b>	<b>2491</b>
<b>% Cars &amp; Clockwise Peds</b>	<b>77.8</b>	<b>89.5</b>	<b>95.1</b>	<b>85.2</b>	<b>51.4</b>	<b>76.9</b>	<b>89.1</b>	<b>86.4</b>	<b>90.2</b>	<b>43.6</b>	<b>87.2</b>	<b>94.9</b>	<b>100</b>	<b>92.3</b>	<b>20</b>	<b>87.9</b>	<b>84.6</b>	<b>100</b>	<b>100</b>	<b>12.5</b>	<b>0</b>	<b>97.1</b>	<b>79.8</b>	<b>100</b>	<b>34.3</b>	<b>85.4</b>
<b>Trucks &amp; Counter Peds</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>22</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>52</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>23</b>	<b>195</b>
<b>% Trucks &amp; Counter Peds</b>	<b>11.1</b>	<b>5.3</b>	<b>0</b>	<b>0</b>	<b>48.6</b>	<b>7.7</b>	<b>2.1</b>	<b>3.9</b>	<b>3.8</b>	<b>56.4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>7.7</b>	<b>80</b>	<b>6.1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>87.5</b>	<b>0</b>	<b>1</b>	<b>1.7</b>	<b>0</b>	<b>65.7</b>	<b>6.7</b>
<b>Bikes by Direction</b>	<b>1</b>	<b>1</b>	<b>24</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>17</b>	<b>22</b>	<b>8</b>	<b>0</b>	<b>13</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>65</b>	<b>0</b>	<b>0</b>	<b>231</b>
<b>% Bikes by Direction</b>	<b>11.1</b>	<b>5.3</b>	<b>4.9</b>	<b>14.8</b>	<b>0</b>	<b>15.4</b>	<b>8.9</b>	<b>9.6</b>	<b>6</b>	<b>0</b>	<b>9.8</b>	<b>5.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6.1</b>	<b>14.4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.9</b>	<b>18.5</b>	<b>0</b>	<b>0</b>	<b>7.9</b>

Start Time	Huron Avenue From North					Garden Street From East					Huron Avenue From South					Garden Street From West					Sherman Street From Northwest					Int. Total			
	Hard Right	Right	Thru	Left	Peds	App. Total	Right	Bear Right	Thru	Left	Peds	App. Total	Right	Thru	Bear Left	Left	Peds	App. Total	Right	Thru	Left	Hard Left	Peds	App. Total	Hard Right		Bear Right	Bear Left	Hard Left

**Peak Hour Analysis From 07:00 AM to 09:15 AM - Peak 1 of 1**

**Peak Hour for Entire Intersection Begins at 07:45 AM**

07:45 AM	1	4	51	6	12	74	1	21	17	8	7	54	17	20	10	2	4	53	4	60	2	0	1	67	0	40	40	0	2	82	330
08:00 AM	1	4	57	3	15	80	0	38	31	17	7	93	17	18	12	4	15	66	4	57	0	0	0	61	0	39	41	0	1	81	381
08:15 AM	1	0	43	2	10	56	1	24	32	20	7	84	18	19	10	0	5	52	2	45	3	0	2	52	0	34	36	1	7	78	322
08:30 AM	3	0	52	5	11	71	3	29	33	12	3	80	14	16	11	0	12	53	6	38	0	1	6	51	0	35	39	1	5	80	335
<b>Total Volume</b>	<b>6</b>	<b>8</b>	<b>203</b>	<b>16</b>	<b>48</b>	<b>281</b>	<b>5</b>	<b>112</b>	<b>113</b>	<b>57</b>	<b>24</b>	<b>311</b>	<b>66</b>	<b>73</b>	<b>43</b>	<b>6</b>	<b>36</b>	<b>224</b>	<b>16</b>	<b>200</b>	<b>5</b>	<b>1</b>	<b>9</b>	<b>231</b>	<b>0</b>	<b>148</b>	<b>156</b>	<b>2</b>	<b>15</b>	<b>321</b>	<b>1368</b>
<b>% App. Total</b>	<b>2.1</b>	<b>2.8</b>	<b>72.2</b>	<b>5.7</b>	<b>17.1</b>	<b>1.6</b>	<b>36</b>	<b>36.3</b>	<b>18.3</b>	<b>7.7</b>	<b>29.5</b>	<b>32.6</b>	<b>19.2</b>	<b>2.7</b>	<b>16.1</b>	<b>6.9</b>	<b>86.6</b>	<b>2.2</b>	<b>0.4</b>	<b>3.9</b>	<b>0</b>	<b>46.1</b>	<b>48.6</b>	<b>0.6</b>	<b>4.7</b>						
<b>PHF</b>	<b>.500</b>	<b>.500</b>	<b>.890</b>	<b>.667</b>	<b>.800</b>	<b>.878</b>	<b>.417</b>	<b>.737</b>	<b>.856</b>	<b>.713</b>	<b>.857</b>	<b>.836</b>	<b>.917</b>	<b>.913</b>	<b>.896</b>	<b>.375</b>	<b>.600</b>	<b>.848</b>	<b>.667</b>	<b>.833</b>	<b>.417</b>	<b>.250</b>	<b>.375</b>	<b>.862</b>	<b>.000</b>	<b>.925</b>	<b>.951</b>	<b>.500</b>	<b>.536</b>	<b>.979</b>	<b>.898</b>
<b>Cars &amp; Clockwise Peds</b>	<b>4</b>	<b>8</b>	<b>191</b>	<b>14</b>	<b>27</b>	<b>244</b>	<b>5</b>	<b>106</b>	<b>103</b>	<b>51</b>	<b>11</b>	<b>276</b>	<b>59</b>	<b>67</b>	<b>43</b>	<b>6</b>	<b>8</b>	<b>183</b>	<b>14</b>	<b>170</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>192</b>	<b>0</b>	<b>139</b>	<b>122</b>	<b>2</b>	<b>4</b>	<b>267</b>	<b>1162</b>
<b>% Cars &amp; Clockwise Peds</b>	<b>66.7</b>	<b>100</b>	<b>94.1</b>	<b>87.5</b>	<b>56.3</b>	<b>86.8</b>	<b>100</b>	<b>94.6</b>	<b>91.2</b>	<b>89.5</b>	<b>45.8</b>	<b>88.7</b>	<b>89.4</b>	<b>91.8</b>	<b>100</b>	<b>100</b>	<b>22.2</b>	<b>81.7</b>	<b>87.5</b>	<b>85.0</b>	<b>100</b>	<b>100</b>	<b>22.2</b>	<b>83.1</b>	<b>0</b>	<b>93.9</b>	<b>78.2</b>	<b>100</b>	<b>26.7</b>	<b>83.2</b>	<b>84.9</b>
<b>Trucks &amp; Counter Peds</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>22</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>13</b>	<b>18</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>11</b>	<b>18</b>	<b>95</b>
<b>% Trucks &amp; Counter Peds</b>	<b>16.7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>43.8</b>	<b>7.8</b>	<b>0</b>	<b>0.9</b>	<b>2.7</b>	<b>1.8</b>	<b>54.2</b>	<b>5.8</b>	<b>3.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>77.8</b>	<b>13.4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>77.8</b>	<b>3.0</b>	<b>0</b>	<b>2.0</b>	<b>2.6</b>	<b>0</b>	<b>73.3</b>	<b>5.6</b>	<b>6.9</b>
<b>Bikes by Direction</b>	<b>1</b>	<b>0</b>	<b>12</b>	<b>2</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>0</b>	<b>17</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>2</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>6</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>111</b>
<b>% Bikes by Direction</b>	<b>16.7</b>	<b>0</b>	<b>5.9</b>	<b>12.5</b>	<b>0</b>	<b>5.3</b>	<b>0</b>	<b>4.5</b>	<b>6.2</b>	<b>8.8</b>	<b>0</b>	<b>5.5</b>	<b>7.6</b>	<b>8.2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.9</b>	<b>12.5</b>	<b>15.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13.9</b>	<b>0</b>	<b>4.1</b>	<b>19.2</b>	<b>0</b>	<b>0</b>	<b>11.2</b>	<b>8.1</b>

# Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Huron Avenue  
 E,W/NW: Garden Street/Sherman Street  
 City, State: Cambridge, MA  
 Client: McM/R. Hansen

File Name : 05039E  
 Site Code : Y1604246  
 Start Date : 5/30/2018  
 Page No : 1

### Groups Printed- Cars & Clockwise Peds

Start Time	Huron Avenue From North					Garden Street From East					Huron Avenue From South					Garden Street From West					Sherman Street From Northwest					Int. Total
	Hard Right	Right	Thru	Left	Peds	Right	Bear Right	Thru	Left	Peds	Right	Thru	Bear Left	Left	Peds	Right	Thru	Left	Hard Left	Peds	Hard Right	Bear Right	Bear Left	Hard Left	Peds	
07:00 AM	0	3	38	0	0	0	12	9	5	1	2	7	2	0	0	2	16	1	0	1	0	49	20	1	1	170
07:15 AM	0	1	55	2	1	1	18	7	4	0	5	12	6	0	3	5	20	0	0	0	0	54	25	0	1	220
07:30 AM	1	3	65	3	2	1	20	15	8	1	10	10	9	3	0	3	34	1	1	0	0	41	34	0	0	265
07:45 AM	0	4	49	6	8	1	21	16	7	5	16	18	10	2	1	3	52	2	0	1	0	39	34	0	2	297
<b>Total</b>	<b>1</b>	<b>11</b>	<b>207</b>	<b>11</b>	<b>11</b>	<b>3</b>	<b>71</b>	<b>47</b>	<b>24</b>	<b>7</b>	<b>33</b>	<b>47</b>	<b>27</b>	<b>5</b>	<b>4</b>	<b>13</b>	<b>122</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>183</b>	<b>113</b>	<b>1</b>	<b>4</b>	<b>952</b>
08:00 AM	1	4	51	2	8	0	38	29	16	3	12	14	12	4	3	4	50	0	0	0	0	37	29	0	0	317
08:15 AM	1	0	42	2	3	1	23	29	17	2	17	19	10	0	0	2	35	3	0	0	0	31	31	1	0	269
08:30 AM	2	0	49	4	8	3	24	29	11	1	14	16	11	0	4	5	33	0	1	1	0	32	28	1	2	279
08:45 AM	1	1	52	2	1	1	15	22	22	0	21	23	4	1	0	2	41	0	0	0	0	33	29	1	1	273
<b>Total</b>	<b>5</b>	<b>5</b>	<b>194</b>	<b>10</b>	<b>20</b>	<b>5</b>	<b>100</b>	<b>109</b>	<b>66</b>	<b>6</b>	<b>64</b>	<b>72</b>	<b>37</b>	<b>5</b>	<b>7</b>	<b>13</b>	<b>159</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>133</b>	<b>117</b>	<b>3</b>	<b>3</b>	<b>1138</b>
09:00 AM	0	1	38	0	4	2	0	22	15	2	10	15	0	1	0	0	23	0	0	0	0	48	30	2	3	216
09:15 AM	1	0	25	2	2	0	0	19	15	2	9	16	0	1	2	3	25	0	0	0	0	41	20	0	2	185
<b>Grand Total</b>	<b>7</b>	<b>17</b>	<b>464</b>	<b>23</b>	<b>37</b>	<b>10</b>	<b>171</b>	<b>197</b>	<b>120</b>	<b>17</b>	<b>116</b>	<b>150</b>	<b>64</b>	<b>12</b>	<b>13</b>	<b>29</b>	<b>329</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>405</b>	<b>280</b>	<b>6</b>	<b>12</b>	<b>2491</b>
<b>Apprch %</b>	<b>1.3</b>	<b>3.1</b>	<b>84.7</b>	<b>4.2</b>	<b>6.8</b>	<b>1.9</b>	<b>33.2</b>	<b>38.3</b>	<b>23.3</b>	<b>3.3</b>	<b>32.7</b>	<b>42.3</b>	<b>18</b>	<b>3.4</b>	<b>3.7</b>	<b>7.8</b>	<b>88.9</b>	<b>1.9</b>	<b>0.5</b>	<b>0.8</b>	<b>0</b>	<b>57.6</b>	<b>39.8</b>	<b>0.9</b>	<b>1.7</b>	
<b>Total %</b>	<b>0.3</b>	<b>0.7</b>	<b>18.6</b>	<b>0.9</b>	<b>1.5</b>	<b>0.4</b>	<b>6.9</b>	<b>7.9</b>	<b>4.8</b>	<b>0.7</b>	<b>4.7</b>	<b>6</b>	<b>2.6</b>	<b>0.5</b>	<b>0.5</b>	<b>1.2</b>	<b>13.2</b>	<b>0.3</b>	<b>0.1</b>	<b>0.1</b>	<b>0</b>	<b>16.3</b>	<b>11.2</b>	<b>0.2</b>	<b>0.5</b>	

Start Time	Huron Avenue From North						Garden Street From East						Huron Avenue From South						Garden Street From West						Sherman Street From Northwest						Int. Total	
	Hard Right	Right	Thru	Left	Peds	App. Total	Right	Bear Right	Thru	Left	Peds	App. Total	Right	Thru	Bear Left	Left	Peds	App. Total	Right	Thru	Left	Hard Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Hard Left	Peds	App. Total		
<b>Peak Hour Analysis From 07:00 AM to 09:15 AM - Peak 1 of 1</b>																																
<b>Peak Hour for Entire Intersection Begins at 07:45 AM</b>																																
07:45 AM	0	4	49	6	8	67	1	21	16	7	5	50	16	18	10	2	1	47	3	52	2	0	1	58	0	39	34	0	2	75	297	
08:00 AM	1	4	51	2	8	66	0	38	29	16	3	86	12	14	12	4	3	45	4	50	0	0	0	54	0	37	29	0	0	66	317	
08:15 AM	1	0	42	2	3	48	1	23	29	17	2	72	17	19	10	0	0	46	2	35	3	0	0	40	0	31	31	1	0	63	269	
08:30 AM	2	0	49	4	8	63	3	24	29	11	1	68	14	16	11	0	4	45	5	33	0	1	1	40	0	32	28	1	2	63	279	
<b>Total Volume</b>	<b>4</b>	<b>8</b>	<b>191</b>	<b>14</b>	<b>27</b>	<b>244</b>	<b>5</b>	<b>106</b>	<b>103</b>	<b>51</b>	<b>11</b>	<b>276</b>	<b>59</b>	<b>67</b>	<b>43</b>	<b>6</b>	<b>8</b>	<b>183</b>	<b>14</b>	<b>170</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>192</b>	<b>0</b>	<b>139</b>	<b>122</b>	<b>2</b>	<b>4</b>	<b>267</b>	<b>1162</b>	
<b>% App. Total</b>	<b>1.6</b>	<b>3.3</b>	<b>78.3</b>	<b>5.7</b>	<b>11.1</b>		<b>1.8</b>	<b>38.4</b>	<b>37.3</b>	<b>18.5</b>	<b>4</b>		<b>32.2</b>	<b>36.6</b>	<b>23.5</b>	<b>3.3</b>	<b>4.4</b>		<b>7.3</b>	<b>88.5</b>	<b>2.6</b>	<b>0.5</b>	<b>1</b>		<b>0</b>	<b>52.1</b>	<b>45.7</b>	<b>0.7</b>	<b>1.5</b>			
<b>PHF</b>	<b>.500</b>	<b>.500</b>	<b>.936</b>	<b>.583</b>	<b>.844</b>	<b>.910</b>	<b>.417</b>	<b>.697</b>	<b>.888</b>	<b>.750</b>	<b>.550</b>	<b>.802</b>	<b>.868</b>	<b>.882</b>	<b>.896</b>	<b>.375</b>	<b>.500</b>	<b>.973</b>	<b>.700</b>	<b>.817</b>	<b>.417</b>	<b>.250</b>	<b>.500</b>	<b>.828</b>	<b>.000</b>	<b>.891</b>	<b>.897</b>	<b>.500</b>	<b>.500</b>	<b>.890</b>	<b>.916</b>	

# Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Huron Avenue  
 E,W/NW: Garden Street/Sherman Street  
 City, State: Cambridge, MA  
 Client: McM/R. Hansen

File Name : 05039E  
 Site Code : Y1604246  
 Start Date : 5/30/2018  
 Page No : 1

### Groups Printed- Trucks & Counter Peds

Start Time	Huron Avenue From North					Garden Street From East					Huron Avenue From South					Garden Street From West					Sherman Street From Northwest					Int. Total
	Hard Right	Right	Thru	Left	Peds	Right	Bear Right	Thru	Left	Peds	Right	Thru	Bear Left	Left	Peds	Right	Thru	Left	Hard Left	Peds	Hard Right	Bear Right	Bear Left	Hard Left	Peds	
07:00 AM	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	2	11
07:15 AM	0	0	0	0	0	0	1	0	2	3	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	9
07:30 AM	0	0	0	0	2	0	1	0	0	1	1	0	0	0	3	0	0	0	0	3	0	0	2	0	3	16
07:45 AM	1	0	0	0	4	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	1	1	0	0	12
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>48</b>
08:00 AM	0	0	0	0	7	0	0	1	0	4	2	0	0	0	12	0	0	0	0	0	0	0	1	0	1	28
08:15 AM	0	0	0	0	7	0	1	1	1	5	0	0	0	0	5	0	0	0	0	2	0	2	0	0	7	31
08:30 AM	0	0	0	0	3	0	0	1	0	2	0	0	0	0	8	0	0	0	0	5	0	0	2	0	3	24
08:45 AM	0	0	0	0	3	0	1	1	0	2	1	0	0	0	8	0	1	0	0	3	0	0	0	0	2	22
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>13</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>13</b>	<b>105</b>
09:00 AM	0	1	0	0	3	0	0	2	2	2	0	0	0	0	6	0	1	0	0	1	0	1	0	0	0	19
09:15 AM	0	0	0	0	4	1	0	1	0	1	0	0	0	0	4	1	1	0	0	5	0	0	0	0	5	23
<b>Grand Total</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>22</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>52</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>23</b>	<b>195</b>
Apprch %	2.7	2.7	0	0	94.6	2.4	9.8	22	12.2	53.7	7	0	0	1.8	91.2	7.4	14.8	0	0	77.8	0	12.1	18.2	0	69.7	
Total %	0.5	0.5	0	0	17.9	0.5	2.1	4.6	2.6	11.3	2.1	0	0	0.5	26.7	1	2.1	0	0	10.8	0	2.1	3.1	0	11.8	

Start Time	Huron Avenue From North						Garden Street From East						Huron Avenue From South						Garden Street From West						Sherman Street From Northwest						Int. Total	
	Hard Right	Right	Thru	Left	Peds	App. Total	Right	Bear Right	Thru	Left	Peds	App. Total	Right	Thru	Bear Left	Left	Peds	App. Total	Right	Thru	Left	Hard Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Hard Left	Peds	App. Total		
<b>Peak Hour Analysis From 07:00 AM to 09:15 AM - Peak 1 of 1</b>																																
<b>Peak Hour for Entire Intersection Begins at 08:00 AM</b>																																
08:00 AM	0	0	0	0	7	7	0	0	1	0	4	5	2	0	0	0	12	14	0	0	0	0	0	0	0	0	1	0	1	2	28	
08:15 AM	0	0	0	0	7	7	0	1	1	1	5	8	0	0	0	0	5	5	0	0	0	0	2	2	0	2	0	0	7	9	31	
08:30 AM	0	0	0	0	3	3	0	0	1	0	2	3	0	0	0	0	8	8	0	0	0	0	5	5	0	0	2	0	3	5	24	
08:45 AM	0	0	0	0	3	3	0	1	1	0	2	4	1	0	0	0	8	9	0	1	0	0	3	4	0	0	0	0	2	2	22	
Total Volume	0	0	0	0	20	20	0	2	4	1	13	20	3	0	0	0	33	36	0	1	0	0	10	11	0	2	3	0	13	18	105	
% App. Total	0	0	0	0	100		0	10	20	5	65		8.3	0	0	0	91.7		0	9.1	0	0	90.9		0	11.1	16.7	0	72.2			
PHF	.000	.000	.000	.000	.714	.714	.000	.500	1.00	.250	.650	.625	.375	.000	.000	.000	.688	.643	.000	.250	.000	.000	.500	.550	.000	.250	.375	.000	.464	.500	.847	

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 City, State: Cambridge, MA  
 Client: McM/R. Hansen

File Name : 05039E  
 Site Code : Y1604246  
 Start Date : 5/30/2018  
 Page No : 1

### Groups Printed- Bikes by Direction

Start Time	Huron Avenue From North					Garden Street From East					Huron Avenue From South					Garden Street From West					Sherman Street From Northwest					Int. Total
	Hard Right	Right	Thru	Left	Peds	Right	Bear Right	Thru	Left	Peds	Right	Thru	Bear Left	Left	Peds	Right	Thru	Left	Hard Left	Peds	Hard Right	Bear Right	Bear Left	Hard Left	Peds	
07:00 AM	0	1	1	0	0	0	1	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	9
07:15 AM	0	0	2	0	0	0	1	2	1	0	1	1	0	0	0	0	4	0	0	0	0	0	7	0	0	19
07:30 AM	0	0	2	1	0	0	1	0	0	0	3	0	0	0	0	0	4	0	0	0	0	0	9	0	0	20
07:45 AM	0	0	2	0	0	0	0	1	1	0	1	2	0	0	0	1	8	0	0	0	0	0	5	0	0	21
<b>Total</b>	0	1	7	1	0	0	3	5	2	0	5	3	0	0	0	1	18	0	0	0	0	0	23	0	0	69
08:00 AM	0	0	6	1	0	0	0	1	1	0	3	4	0	0	0	0	7	0	0	0	0	2	11	0	0	36
08:15 AM	0	0	1	0	0	0	0	2	2	0	1	0	0	0	0	0	10	0	0	0	0	1	5	0	0	22
08:30 AM	1	0	3	1	0	0	5	3	1	0	0	0	0	0	0	1	5	0	0	0	0	3	9	0	0	32
08:45 AM	0	0	2	0	0	1	5	5	0	0	2	0	0	0	0	0	10	0	0	0	0	1	4	0	0	30
<b>Total</b>	1	0	12	2	0	1	10	11	4	0	6	4	0	0	0	1	32	0	0	0	0	7	29	0	0	120
09:00 AM	0	0	3	1	0	1	3	3	1	0	1	0	0	0	0	0	5	0	0	0	0	0	5	0	0	23
09:15 AM	0	0	2	0	0	0	1	3	1	0	1	1	0	0	0	0	1	0	0	0	0	1	8	0	0	19
<b>Grand Total</b>	1	1	24	4	0	2	17	22	8	0	13	8	0	0	0	2	56	0	0	0	0	8	65	0	0	231
Apprch %	3.3	3.3	80	13.3	0	4.1	34.7	44.9	16.3	0	61.9	38.1	0	0	0	3.4	96.6	0	0	0	0	11	89	0	0	
<b>Total %</b>	0.4	0.4	10.4	1.7	0	0.9	7.4	9.5	3.5	0	5.6	3.5	0	0	0	0.9	24.2	0	0	0	0	3.5	28.1	0	0	

Start Time	Huron Avenue From North						Garden Street From East						Huron Avenue From South						Garden Street From West						Sherman Street From Northwest						Int. Total	
	Hard Right	Right	Thru	Left	Peds	App. Total	Right	Bear Right	Thru	Left	Peds	App. Total	Right	Thru	Bear Left	Left	Peds	App. Total	Right	Thru	Left	Hard Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Hard Left	Peds	App. Total		
<b>Peak Hour Analysis From 07:00 AM to 09:15 AM - Peak 1 of 1</b>																																
<b>Peak Hour for Entire Intersection Begins at 08:00 AM</b>																																
08:00 AM	0	0	6	1	0	7	0	0	1	1	0	2	3	4	0	0	0	7	0	7	0	0	0	7	0	2	11	0	0	13	36	
08:15 AM	0	0	1	0	0	1	0	0	2	2	0	4	1	0	0	0	0	1	0	10	0	0	0	10	0	1	5	0	0	6	22	
08:30 AM	1	0	3	1	0	5	0	5	3	1	0	9	0	0	0	0	0	0	1	5	0	0	0	6	0	3	9	0	0	12	32	
08:45 AM	0	0	2	0	0	2	1	5	5	0	0	11	2	0	0	0	0	2	0	10	0	0	0	10	0	1	4	0	0	5	30	
<b>Total Volume</b>	1	0	12	2	0	15	1	10	11	4	0	26	6	4	0	0	0	10	1	32	0	0	0	33	0	7	29	0	0	36	120	
% App. Total	6.7	0	80	13.3	0		3.8	38.5	42.3	15.4	0		60	40	0	0	0		3	97	0	0	0		0	19.4	80.6	0	0			
PHF	.250	.000	.500	.500	.000	.536	.250	.500	.550	.500	.000	.591	.500	.250	.000	.000	.000	.357	.250	.800	.000	.000	.000	.825	.000	.583	.659	.000	.000	.692	.833	

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Start Time	Huron Avenue From North					Garden Street From East					Huron Avenue From South					Garden Street From West					Sherman Street From Northwest					Int. Total					
	Hard Right	Right	Thru	Left	Peds	App. Total	Right	Bear Right	Thru	Left	Peds	App. Total	Right	Thru	Bear Left	Left	Peds	App. Total	Right	Thru	Left	Hard Left	Peds	App. Total	Hard Right		Bear Right	Bear Left	Hard Left	Peds	App. Total
Peak Hour Analysis From 07:00 AM to 09:15 AM - Peak 1 of 1																															
Peak Hour for Entire Intersection Begins at 07:45 AM																															
07:45 AM	1	4	51	6	12	74	1	21	17	8	7	54	17	20	10	2	4	53	4	60	2	0	1	67	0	40	40	0	2	82	330
08:00 AM	1	4	57	3	15	80	0	38	31	17	7	93	17	18	12	4	15	66	4	57	0	0	0	61	0	39	41	0	1	81	381
08:15 AM	1	0	43	2	10	56	1	24	32	20	7	84	18	19	10	0	5	52	2	45	3	0	2	52	0	34	36	1	7	78	322
08:30 AM	3	0	52	5	11	71	3	29	33	12	3	80	14	16	11	0	12	53	6	38	0	1	6	51	0	35	39	1	5	80	335
Total Volume	6	8	203	16	48	281	5	112	113	57	24	311	66	73	43	6	36	224	16	200	5	1	9	231	0	148	156	2	15	321	1368
% App. Total	2.1	2.8	72.2	5.7	17.1		1.6	36	36.3	18.3	7.7		29.5	32.6	19.2	2.7	16.1		6.9	86.6	2.2	0.4	3.9		0	46.1	48.6	0.6	4.7		
PHF	.500	.500	.890	.667	.800	.878	.417	.737	.856	.713	.857	.836	.917	.913	.896	.375	.600	.848	.667	.833	.417	.250	.375	.862	.000	.925	.951	.500	.536	.979	.898
Cars & Clockwise Peds	4	8	191	14	27	244	5	106	103	51	11	276	59	67	43	6	8	183	14	170	5	1	2	192	0	139	122	2	4	267	1162
% Cars & Clockwise Peds	66.7	100	94.1	87.5	56.3	86.8	100	94.6	91.2	89.5	45.8	88.7	89.4	91.8	100	100	22.2	81.7	87.5	85.0	100	100	22.2	83.1	0	93.9	78.2	100	26.7	83.2	84.9
Trucks & Counter Peds	1	0	0	0	21	22	0	1	3	1	13	18	2	0	0	0	28	30	0	0	0	0	7	7	0	3	4	0	11	18	95
% Trucks & Counter Peds	16.7	0	0	0	43.8	7.8	0	0.9	2.7	1.8	54.2	5.8	3.0	0	0	0	77.8	13.4	0	0	0	0	77.8	3.0	0	2.0	2.6	0	73.3	5.6	6.9
Bikes by Direction	1	0	12	2	0	15	0	5	7	5	0	17	5	6	0	0	0	11	2	30	0	0	0	32	0	6	30	0	0	36	111
% Bikes by Direction	16.7	0	5.9	12.5	0	5.3	0	4.5	6.2	8.8	0	5.5	7.6	8.2	0	0	0	4.9	12.5	15.0	0	0	0	13.9	0	4.1	19.2	0	0	11.2	8.1

