

# APPENDICES

## C-663A Pre-Construction Traffic Study for the Scudder Falls Bridge Replacement Project

### APPENDIX A

#### TRAFFIC COUNTS



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-02  
 Site Code : 02  
 Start Date : 10/6/2015  
 Page No : 1

## Groups Printed- Cars - Trucks - Bicycles

Start Time	River Road Southbound					RT 532 Washington Crossing Blvd Westbound					River Road Northbound					RT 532 Washington Crossing Blvd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	7	1	3	0	11	1	6	1	0	8	2	4	1	0	7	1	17	1	1	20	46
06:15 AM	9	2	1	0	12	2	5	3	0	10	0	5	7	0	12	0	30	3	2	35	69
06:30 AM	21	8	4	0	33	3	5	3	0	11	5	4	11	0	20	7	41	0	0	48	112
06:45 AM	11	11	2	0	24	0	13	1	0	14	5	11	16	0	32	0	54	2	0	56	126
<b>Total</b>	<b>48</b>	<b>22</b>	<b>10</b>	<b>0</b>	<b>80</b>	<b>6</b>	<b>29</b>	<b>8</b>	<b>0</b>	<b>43</b>	<b>12</b>	<b>24</b>	<b>35</b>	<b>0</b>	<b>71</b>	<b>8</b>	<b>142</b>	<b>6</b>	<b>3</b>	<b>159</b>	<b>353</b>
07:00 AM	24	9	1	3	37	2	11	1	0	14	4	6	11	0	21	0	71	2	0	73	145
07:15 AM	35	16	2	0	53	2	8	0	0	10	2	15	13	0	30	3	93	0	1	97	190
07:30 AM	33	20	5	0	58	3	9	2	0	14	5	18	23	0	46	0	78	0	0	78	196
07:45 AM	41	18	3	0	62	3	11	1	0	15	8	13	24	0	45	0	58	1	0	59	181
<b>Total</b>	<b>133</b>	<b>63</b>	<b>11</b>	<b>3</b>	<b>210</b>	<b>10</b>	<b>39</b>	<b>4</b>	<b>0</b>	<b>53</b>	<b>19</b>	<b>52</b>	<b>71</b>	<b>0</b>	<b>142</b>	<b>3</b>	<b>300</b>	<b>3</b>	<b>1</b>	<b>307</b>	<b>712</b>
08:00 AM	24	11	1	0	36	2	14	3	0	19	6	10	19	0	35	2	83	1	2	88	178
08:15 AM	38	18	5	0	61	3	13	7	0	23	1	11	31	0	43	4	68	1	0	73	200
08:30 AM	23	25	5	0	53	2	12	4	0	18	8	20	22	0	50	1	85	0	0	86	207
08:45 AM	22	19	6	0	47	7	14	5	0	26	7	16	11	0	34	4	77	5	0	86	193
<b>Total</b>	<b>107</b>	<b>73</b>	<b>17</b>	<b>0</b>	<b>197</b>	<b>14</b>	<b>53</b>	<b>19</b>	<b>0</b>	<b>86</b>	<b>22</b>	<b>57</b>	<b>83</b>	<b>0</b>	<b>162</b>	<b>11</b>	<b>313</b>	<b>7</b>	<b>2</b>	<b>333</b>	<b>778</b>
09:00 AM	11	13	8	0	32	7	16	2	0	25	8	16	7	0	31	4	70	8	0	82	170
09:15 AM	20	12	6	0	38	5	16	6	0	27	4	10	9	0	23	8	42	7	0	57	145
09:30 AM	13	19	6	0	38	4	22	4	0	30	6	10	4	0	20	1	36	6	0	43	131
09:45 AM	8	9	6	0	23	3	15	7	0	25	6	6	5	0	17	6	31	5	1	43	108
<b>Total</b>	<b>52</b>	<b>53</b>	<b>26</b>	<b>0</b>	<b>131</b>	<b>19</b>	<b>69</b>	<b>19</b>	<b>0</b>	<b>107</b>	<b>24</b>	<b>42</b>	<b>25</b>	<b>0</b>	<b>91</b>	<b>19</b>	<b>179</b>	<b>26</b>	<b>1</b>	<b>225</b>	<b>554</b>
*** BREAK ***																					
04:00 PM	8	16	1	0	25	19	64	31	0	114	4	10	10	0	24	3	12	2	0	17	180
04:15 PM	7	24	8	0	39	16	63	24	0	103	4	22	4	0	30	4	17	6	4	31	203
04:30 PM	7	13	9	1	30	15	102	28	2	147	2	16	7	0	25	12	32	4	1	49	251
04:45 PM	11	22	17	0	50	16	88	25	1	130	6	12	1	0	19	30	34	5	0	69	268
<b>Total</b>	<b>33</b>	<b>75</b>	<b>35</b>	<b>1</b>	<b>144</b>	<b>66</b>	<b>317</b>	<b>108</b>	<b>3</b>	<b>494</b>	<b>16</b>	<b>60</b>	<b>22</b>	<b>0</b>	<b>98</b>	<b>49</b>	<b>95</b>	<b>17</b>	<b>5</b>	<b>166</b>	<b>902</b>
05:00 PM	3	22	15	0	40	30	96	26	1	153	7	18	8	0	33	12	37	5	1	55	281
05:15 PM	7	12	5	0	24	19	102	46	0	167	6	30	10	0	46	7	17	5	1	30	267
05:30 PM	5	20	2	1	28	18	105	28	0	151	3	28	9	0	40	16	18	8	0	42	261
05:45 PM	4	18	10	0	32	14	118	44	0	176	10	21	3	0	34	13	31	4	2	50	292
<b>Total</b>	<b>19</b>	<b>72</b>	<b>32</b>	<b>1</b>	<b>124</b>	<b>81</b>	<b>421</b>	<b>144</b>	<b>1</b>	<b>647</b>	<b>26</b>	<b>97</b>	<b>30</b>	<b>0</b>	<b>153</b>	<b>48</b>	<b>103</b>	<b>22</b>	<b>4</b>	<b>177</b>	<b>1101</b>
06:00 PM	7	17	12	0	36	17	111	43	0	171	8	17	5	0	30	23	20	10	2	55	292
06:15 PM	9	19	13	0	41	25	102	35	0	162	5	10	2	0	17	32	19	3	4	58	278

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-02  
 Site Code : 02  
 Start Date : 10/6/2015  
 Page No : 2

### Groups Printed- Cars - Trucks - Bicycles

Start Time	River Road Southbound					RT 532 Washington Crossing Blvd Westbound					River Road Northbound					RT 532 Washington Crossing Blvd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:30 PM	6	17	20	0	43	17	60	24	0	101	5	17	4	0	26	8	15	3	0	26	196
06:45 PM	4	5	9	0	18	8	46	12	0	66	5	14	6	0	25	9	29	2	0	40	149
<b>Total</b>	<b>26</b>	<b>58</b>	<b>54</b>	<b>0</b>	<b>138</b>	<b>67</b>	<b>319</b>	<b>114</b>	<b>0</b>	<b>500</b>	<b>23</b>	<b>58</b>	<b>17</b>	<b>0</b>	<b>98</b>	<b>72</b>	<b>83</b>	<b>18</b>	<b>6</b>	<b>179</b>	<b>915</b>
<b>Grand Total</b>	<b>418</b>	<b>416</b>	<b>185</b>	<b>5</b>	<b>1024</b>	<b>263</b>	<b>1247</b>	<b>416</b>	<b>4</b>	<b>1930</b>	<b>142</b>	<b>390</b>	<b>283</b>	<b>0</b>	<b>815</b>	<b>210</b>	<b>1215</b>	<b>99</b>	<b>22</b>	<b>1546</b>	<b>5315</b>
Apprch %	40.8	40.6	18.1	0.5		13.6	64.6	21.6	0.2		17.4	47.9	34.7	0		13.6	78.6	6.4	1.4		
Total %	7.9	7.8	3.5	0.1	19.3	4.9	23.5	7.8	0.1	36.3	2.7	7.3	5.3	0	15.3	4	22.9	1.9	0.4	29.1	
Cars	418	397	173	2	990	261	1243	414	4	1922	137	372	282	0	791	199	1210	92	20	1521	5224
% Cars	100	95.4	93.5	40	96.7	99.2	99.7	99.5	100	99.6	96.5	95.4	99.6	0	97.1	94.8	99.6	92.9	90.9	98.4	98.3
Trucks	0	15	12	0	27	0	0	0	0	0	5	14	0	0	19	7	2	6	0	15	61
% Trucks	0	3.6	6.5	0	2.6	0	0	0	0	0	3.5	3.6	0	0	2.3	3.3	0.2	6.1	0	1	1.1
Bicycles	0	4	0	3	7	2	4	2	0	8	0	4	1	0	5	4	3	1	2	10	30
% Bicycles	0	1	0	60	0.7	0.8	0.3	0.5	0	0.4	0	1	0.4	0	0.6	1.9	0.2	1	9.1	0.6	0.6

Start Time	River Road Southbound					RT 532 Washington Crossing Blvd Westbound					River Road Northbound					RT 532 Washington Crossing Blvd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	

Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 08:00 AM

08:00 AM	24	11	1	0	36	2	14	3	0	19	6	10	19	0	35	2	83	1	2	88	178
08:15 AM	38	18	5	0	61	3	13	7	0	23	1	11	31	0	43	4	68	1	0	73	200
08:30 AM	23	25	5	0	53	2	12	4	0	18	8	20	22	0	50	1	85	0	0	86	207
08:45 AM	22	19	6	0	47	7	14	5	0	26	7	16	11	0	34	4	77	5	0	86	193
<b>Total Volume</b>	<b>107</b>	<b>73</b>	<b>17</b>	<b>0</b>	<b>197</b>	<b>14</b>	<b>53</b>	<b>19</b>	<b>0</b>	<b>86</b>	<b>22</b>	<b>57</b>	<b>83</b>	<b>0</b>	<b>162</b>	<b>11</b>	<b>313</b>	<b>7</b>	<b>2</b>	<b>333</b>	<b>778</b>
<b>% App. Total</b>	<b>54.3</b>	<b>37.1</b>	<b>8.6</b>	<b>0</b>		<b>16.3</b>	<b>61.6</b>	<b>22.1</b>	<b>0</b>		<b>13.6</b>	<b>35.2</b>	<b>51.2</b>	<b>0</b>		<b>3.3</b>	<b>94</b>	<b>2.1</b>	<b>0.6</b>		
<b>PHF</b>	<b>.704</b>	<b>.730</b>	<b>.708</b>	<b>.000</b>	<b>.807</b>	<b>.500</b>	<b>.946</b>	<b>.679</b>	<b>.000</b>	<b>.827</b>	<b>.688</b>	<b>.713</b>	<b>.669</b>	<b>.000</b>	<b>.810</b>	<b>.688</b>	<b>.921</b>	<b>.350</b>	<b>.250</b>	<b>.946</b>	<b>.940</b>

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File Name : 044-02  
 Site Code : 02  
 Start Date : 10/6/2015  
 Page No : 3

Start Time	River Road Southbound					RT 532 Washington Crossing Blvd Westbound					River Road Northbound					RT 532 Washington Crossing Blvd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:30 PM																					
05:30 PM	5	20	2	1	28	18	105	28	0	151	3	28	9	0	40	16	18	8	0	42	261
05:45 PM	4	18	10	0	32	14	118	44	0	176	10	21	3	0	34	13	31	4	2	50	292
06:00 PM	7	17	12	0	36	17	111	43	0	171	8	17	5	0	30	23	20	10	2	55	292
06:15 PM	9	19	13	0	41	25	102	35	0	162	5	10	2	0	17	32	19	3	4	58	278
Total Volume	25	74	37	1	137	74	436	150	0	660	26	76	19	0	121	84	88	25	8	205	1123
% App. Total	18.2	54	27	0.7		11.2	66.1	22.7	0		21.5	62.8	15.7	0		41	42.9	12.2	3.9		
PHF	.694	.925	.712	.250	.835	.740	.924	.852	.000	.938	.650	.679	.528	.000	.756	.656	.710	.625	.500	.884	.961

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4105 US Route 1, Suite # 10  
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File Name : 044-03  
 Site Code : 03  
 Start Date : 10/6/2015  
 Page No : 1

Groups Printed- Cars - Trucks - Bicycles

Start Time	River Road Southbound					RT 546 Washington Crossing Westbound					River Road Northbound					RT 546 Washington Crossing Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	11	49	1	0	61	8	3	2	1	14	4	32	11	0	47	2	10	12	0	24	146
06:15 AM	6	75	4	0	85	11	1	0	0	12	6	62	17	0	85	6	25	13	0	44	226
06:30 AM	13	86	4	0	103	19	0	1	0	20	7	62	10	0	79	7	44	26	0	77	279
06:45 AM	18	111	2	1	132	17	5	3	0	25	8	81	24	0	113	7	51	23	0	81	351
Total	48	321	11	1	381	55	9	6	1	71	25	237	62	0	324	22	130	74	0	226	1002
07:00 AM	18	137	2	0	157	12	9	6	0	27	3	52	26	0	81	5	75	21	0	101	366
07:15 AM	17	139	1	0	157	16	6	9	0	31	2	80	19	0	101	7	91	39	0	137	426
07:30 AM	18	148	2	1	169	28	9	7	1	45	4	58	32	0	94	9	81	37	0	127	435
07:45 AM	23	183	2	0	208	21	11	12	0	44	2	86	17	0	105	5	92	35	0	132	489
Total	76	607	7	1	691	77	35	34	1	147	11	276	94	0	381	26	339	132	0	497	1716
08:00 AM	26	179	4	0	209	27	8	0	0	35	6	56	27	0	89	6	89	26	0	121	454
08:15 AM	28	165	2	0	195	37	18	2	0	57	5	74	26	0	105	4	99	32	0	135	492
08:30 AM	23	172	4	0	199	26	11	2	0	39	5	67	14	0	86	1	97	31	0	129	453
08:45 AM	40	136	5	0	181	44	10	12	0	66	13	68	11	0	92	7	82	27	0	116	455
Total	117	652	15	0	784	134	47	16	0	197	29	265	78	0	372	18	367	116	0	501	1854
09:00 AM	19	107	1	0	127	32	22	11	0	65	3	69	11	0	83	8	62	23	0	93	368
09:15 AM	12	99	2	0	113	24	19	6	0	49	8	72	15	0	95	5	47	25	1	78	335
09:30 AM	9	70	11	0	90	13	12	9	1	35	8	52	12	1	73	3	32	22	0	57	255
09:45 AM	20	77	3	0	100	21	13	7	1	42	9	55	16	0	80	4	22	18	0	44	266
Total	60	353	17	0	430	90	66	33	2	191	28	248	54	1	331	20	163	88	1	272	1224
*** BREAK ***																					
04:00 PM	16	104	13	0	133	27	60	15	0	102	33	95	37	0	165	5	14	12	0	31	431
04:15 PM	3	42	22	0	67	4	30	7	0	41	47	72	13	0	132	6	17	4	1	28	268
04:30 PM	5	35	11	0	51	16	61	10	0	87	66	79	18	0	163	14	14	17	3	48	349
04:45 PM	14	100	11	0	125	29	78	24	1	132	45	140	35	0	220	6	30	11	0	47	524
Total	38	281	57	0	376	76	229	56	1	362	191	386	103	0	680	31	75	44	4	154	1572
05:00 PM	13	71	19	0	103	27	96	24	0	147	47	143	35	0	225	9	21	18	0	48	523
05:15 PM	7	105	15	0	127	19	96	28	1	144	63	145	25	0	233	11	14	12	0	37	541
05:30 PM	13	62	17	0	92	23	96	21	0	140	48	138	18	0	204	8	14	11	0	33	469
05:45 PM	9	78	17	0	104	14	83	21	0	118	68	123	21	0	212	14	12	15	0	41	475
Total	42	316	68	0	426	83	371	94	1	549	226	549	99	0	874	42	61	56	0	159	2008
06:00 PM	10	71	15	0	96	22	107	27	0	156	54	78	23	0	155	11	16	6	0	33	440
06:15 PM	10	71	14	0	95	21	96	42	2	161	40	115	21	0	176	9	13	10	0	32	464

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 Start Date : 10/6/2015  
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Groups Printed- Cars - Trucks - Bicycles

Start Time	River Road Southbound					RT 546 Washington Crossing Westbound					River Road Northbound					RT 546 Washington Crossing Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:30 PM	13	56	15	0	84	36	59	21	0	116	35	72	12	0	119	8	11	8	0	27	346
06:45 PM	7	49	9	0	65	20	39	17	0	76	14	83	16	0	113	5	24	13	0	42	296
<b>Total</b>	<b>40</b>	<b>247</b>	<b>53</b>	<b>0</b>	<b>340</b>	<b>99</b>	<b>301</b>	<b>107</b>	<b>2</b>	<b>509</b>	<b>143</b>	<b>348</b>	<b>72</b>	<b>0</b>	<b>563</b>	<b>33</b>	<b>64</b>	<b>37</b>	<b>0</b>	<b>134</b>	<b>1546</b>
<b>Grand Total</b>	<b>421</b>	<b>2777</b>	<b>228</b>	<b>2</b>	<b>3428</b>	<b>614</b>	<b>1058</b>	<b>346</b>	<b>8</b>	<b>2026</b>	<b>653</b>	<b>2309</b>	<b>562</b>	<b>1</b>	<b>3525</b>	<b>192</b>	<b>1199</b>	<b>547</b>	<b>5</b>	<b>1943</b>	<b>10922</b>
Apprch %	12.3	81	6.7	0.1		30.3	52.2	17.1	0.4		18.5	65.5	15.9	0		9.9	61.7	28.2	0.3		
Total %	3.9	25.4	2.1	0	31.4	5.6	9.7	3.2	0.1	18.5	6	21.1	5.1	0	32.3	1.8	11	5	0	17.8	
Cars	410	2579	228	2	3219	605	1053	342	8	2008	651	2150	549	1	3351	191	1191	545	5	1932	10510
% Cars	97.4	92.9	100	100	93.9	98.5	99.5	98.8	100	99.1	99.7	93.1	97.7	100	95.1	99.5	99.3	99.6	100	99.4	96.2
Trucks	11	198	0	0	209	9	1	4	0	14	0	159	13	0	172	1	0	1	0	2	397
% Trucks	2.6	7.1	0	0	6.1	1.5	0.1	1.2	0	0.7	0	6.9	2.3	0	4.9	0.5	0	0.2	0	0.1	3.6
Bicycles	0	0	0	0	0	0	4	0	0	4	2	0	0	0	2	0	8	1	0	9	15
% Bicycles	0	0	0	0	0	0	0.4	0	0	0.2	0.3	0	0	0	0.1	0	0.7	0.2	0	0.5	0.1

Start Time	River Road Southbound					RT 546 Washington Crossing Westbound					River Road Northbound					RT 546 Washington Crossing Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	23	183	2	0	208	21	11	12	0	44	2	86	17	0	105	5	92	35	0	132	489
08:00 AM	26	179	4	0	209	27	8	0	0	35	6	56	27	0	89	6	89	26	0	121	454
08:15 AM	28	165	2	0	195	37	18	2	0	57	5	74	26	0	105	4	99	32	0	135	492
08:30 AM	23	172	4	0	199	26	11	2	0	39	5	67	14	0	86	1	97	31	0	129	453
Total Volume	100	699	12	0	811	111	48	16	0	175	18	283	84	0	385	16	377	124	0	517	1888
% App. Total	12.3	86.2	1.5	0		63.4	27.4	9.1	0		4.7	73.5	21.8	0		3.1	72.9	24	0		
PHF	.893	.955	.750	.000	.970	.750	.667	.333	.000	.768	.750	.823	.778	.000	.917	.667	.952	.886	.000	.957	.959

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-03  
 Site Code : 03  
 Start Date : 10/6/2015  
 Page No : 3

Start Time	River Road Southbound					RT 546 Washington Crossing Westbound					River Road Northbound					RT 546 Washington Crossing Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	14	100	11	0	125	29	78	24	1	132	45	140	35	0	220	6	30	11	0	47	524
05:00 PM	13	71	19	0	103	27	96	24	0	147	47	143	35	0	225	9	21	18	0	48	523
05:15 PM	7	105	15	0	127	19	96	28	1	144	63	145	25	0	233	11	14	12	0	37	541
05:30 PM	13	62	17	0	92	23	96	21	0	140	48	138	18	0	204	8	14	11	0	33	469
Total Volume	47	338	62	0	447	98	366	97	2	563	203	566	113	0	882	34	79	52	0	165	2057
% App. Total	10.5	75.6	13.9	0		17.4	65	17.2	0.4		23	64.2	12.8	0		20.6	47.9	31.5	0		
PHF	.839	.805	.816	.000	.880	.845	.953	.866	.500	.957	.806	.976	.807	.000	.946	.773	.658	.722	.000	.859	.951

# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Delmorr Ave & Trenton Ave  
Date: Tuesday, October 6, 2015  
Counter: Kim M

File Name : Delmorr Ave & Trenton Ave Count  
Site Code : 06  
Start Date : 10/6/2015  
Page No : 1

Groups Printed- Cars - Heavy Vehicles - Bikes

Start Time	DELMORR AVENUE Southbound					TRENTON AVENUE Westbound					DELMORR AVENUE Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	21	1	4	0	26	2	33	2	0	37	4	3	5	0	12	3	56	1	0	60	135
06:15 AM	24	9	3	2	38	0	42	6	0	48	2	7	5	0	14	1	87	2	0	90	190
06:30 AM	27	12	5	2	46	0	58	6	2	66	3	10	10	0	23	3	130	3	0	136	271
06:45 AM	51	6	3	0	60	0	55	3	3	61	5	12	27	1	45	4	182	5	0	191	357
Total	123	28	15	4	170	2	188	17	5	212	14	32	47	1	94	11	455	11	0	477	953
07:00 AM	50	12	5	0	67	0	58	11	0	69	3	12	37	1	53	0	160	5	0	165	354
07:15 AM	67	10	8	0	85	0	44	6	2	52	3	21	38	1	63	3	202	2	0	207	407
07:30 AM	55	15	6	1	77	1	57	10	0	68	5	16	46	0	67	5	216	4	0	225	437
07:45 AM	58	8	5	3	74	0	77	16	0	93	3	17	68	0	88	3	212	1	0	216	471
Total	230	45	24	4	303	1	236	43	2	282	14	66	189	2	271	11	790	12	0	813	1669
08:00 AM	66	8	7	1	82	0	64	10	0	74	6	9	71	0	86	4	198	2	0	204	446
08:15 AM	68	11	7	1	87	1	57	8	1	67	4	8	48	0	60	3	215	1	0	219	433
08:30 AM	51	17	11	0	79	0	39	8	0	47	5	9	57	0	71	4	168	8	0	180	377
08:45 AM	47	21	7	1	76	0	70	12	2	84	5	9	26	0	40	2	152	11	0	165	365
Total	232	57	32	3	324	1	230	38	3	272	20	35	202	0	257	13	733	22	0	768	1621
09:00 AM	53	12	11	1	77	1	81	9	1	92	6	10	24	0	40	7	105	6	0	118	327
09:15 AM	21	7	12	1	41	0	74	8	0	82	4	12	12	0	28	2	98	8	0	108	259
09:30 AM	27	6	9	2	44	0	77	5	1	83	9	6	10	1	26	3	89	5	0	97	250
09:45 AM	26	12	6	0	44	0	82	8	2	92	9	6	6	0	21	2	72	10	0	84	241
Total	127	37	38	4	206	1	314	30	4	349	28	34	52	1	115	14	364	29	0	407	1077
*** BREAK ***																					
04:00 PM	15	15	9	0	39	0	151	29	0	180	9	21	7	0	37	7	86	11	0	104	360
04:15 PM	17	13	11	0	41	1	184	17	0	202	15	33	16	2	66	4	101	11	2	118	427
04:30 PM	13	15	9	0	37	1	171	28	0	200	16	31	10	0	57	6	90	11	0	107	401
04:45 PM	10	26	12	1	49	0	149	28	2	179	15	24	11	0	50	6	92	10	0	108	386
Total	55	69	41	1	166	2	655	102	2	761	55	109	44	2	210	23	369	43	2	437	1574
05:00 PM	7	12	17	0	36	1	155	30	4	190	12	38	12	2	64	7	97	15	0	119	409
05:15 PM	13	19	13	1	46	2	162	31	1	196	17	41	13	2	73	10	85	12	2	109	424
05:30 PM	18	20	13	2	53	1	164	32	1	198	19	34	8	2	63	10	96	10	0	116	430
05:45 PM	13	11	19	1	44	3	157	35	1	196	15	41	10	3	69	6	72	21	1	100	409
Total	51	62	62	4	179	7	638	128	7	780	63	154	43	9	269	33	350	58	3	444	1672
06:00 PM	22	20	15	0	57	1	158	32	1	192	16	25	20	1	62	9	100	8	1	118	429
06:15 PM	14	10	17	0	41	2	158	31	0	191	17	32	8	2	59	13	78	9	0	100	391
06:30 PM	13	11	16	0	40	2	161	31	1	195	14	30	8	0	52	8	101	17	0	126	413
06:45 PM	11	17	11	0	39	2	163	32	0	197	20	17	6	2	45	9	85	15	0	109	390
Total	60	58	59	0	177	7	640	126	2	775	67	104	42	5	218	39	364	49	1	453	1623
Grand Total	878	356	271	20	1525	21	2901	484	25	3431	261	534	619	20	1434	144	3425	224	6	3799	10189
Apprch %	57.6	23.3	17.8	1.3		0.6	84.6	14.1	0.7		18.2	37.2	43.2	1.4		3.8	90.2	5.9	0.2		
Total %	8.6	3.5	2.7	0.2	15	0.2	28.5	4.8	0.2	33.7	2.6	5.2	6.1	0.2	14.1	1.4	33.6	2.2	0.1	37.3	
Cars	871	346	267	20	1504	21	2895	480	25	3421	259	529	618	20	1426	138	3417	223	6	3784	10135
% Cars	99.2	97.2	98.5	100	98.6	100	99.8	99.2	100	99.7	99.2	99.1	99.8	100	99.4	95.8	99.8	99.6	100	99.6	99.5
Heavy Vehicles	0	8	3	0	11	0	0	0	0	0	1	4	0	0	5	5	1	1	0	7	23
% Heavy Vehicles	0	2.2	1.1	0	0.7	0	0	0	0	0	0.4	0.7	0	0	0.3	3.5	0	0.4	0	0.2	0.2
Bikes	7	2	1	0	10	0	6	4	0	10	1	1	1	0	3	1	7	0	0	8	31
% Bikes	0.8	0.6	0.4	0	0.7	0	0.2	0.8	0	0.3	0.4	0.2	0.2	0	0.2	0.7	0.2	0	0	0.2	0.3

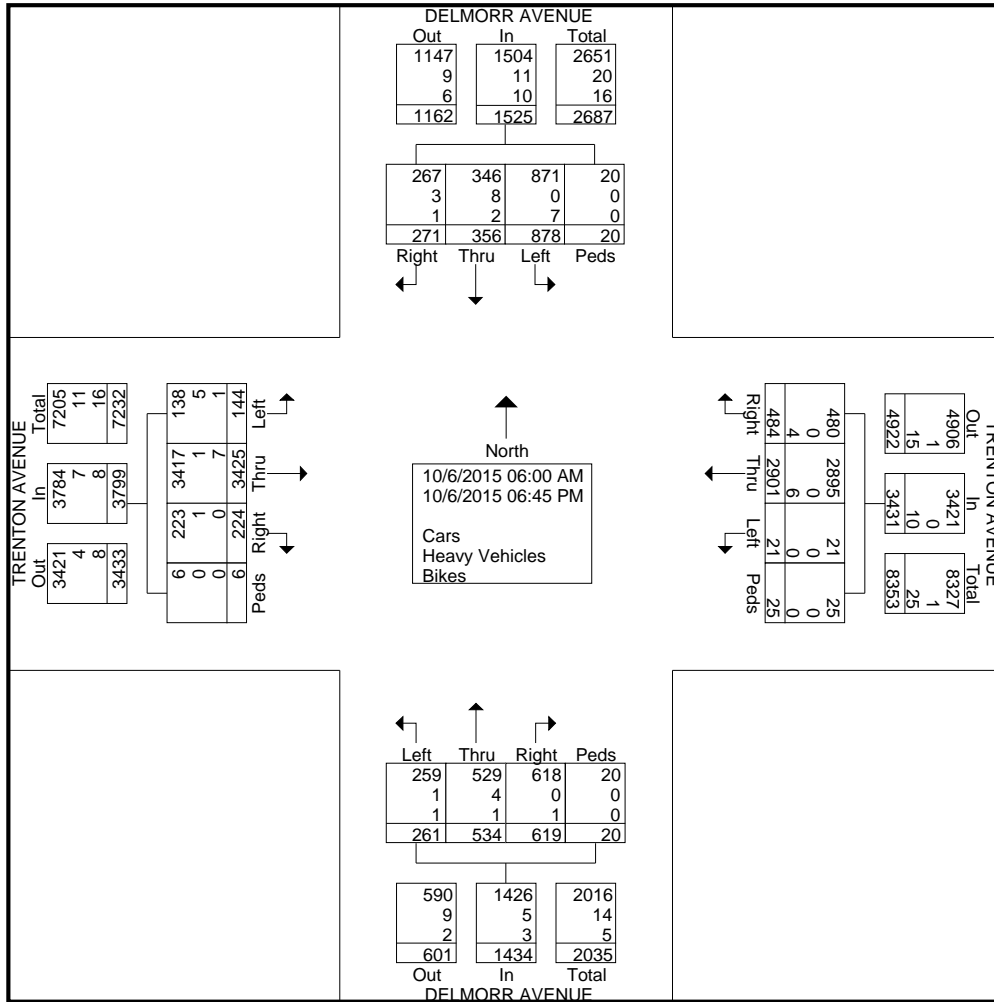


# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Delmorr Ave & Trenton Ave  
Date: Tuesday, October 6, 2015  
Counter: Kim M

File Name : Delmorr Ave & Trenton Ave Count  
Site Code : 06  
Start Date : 10/6/2015  
Page No : 2



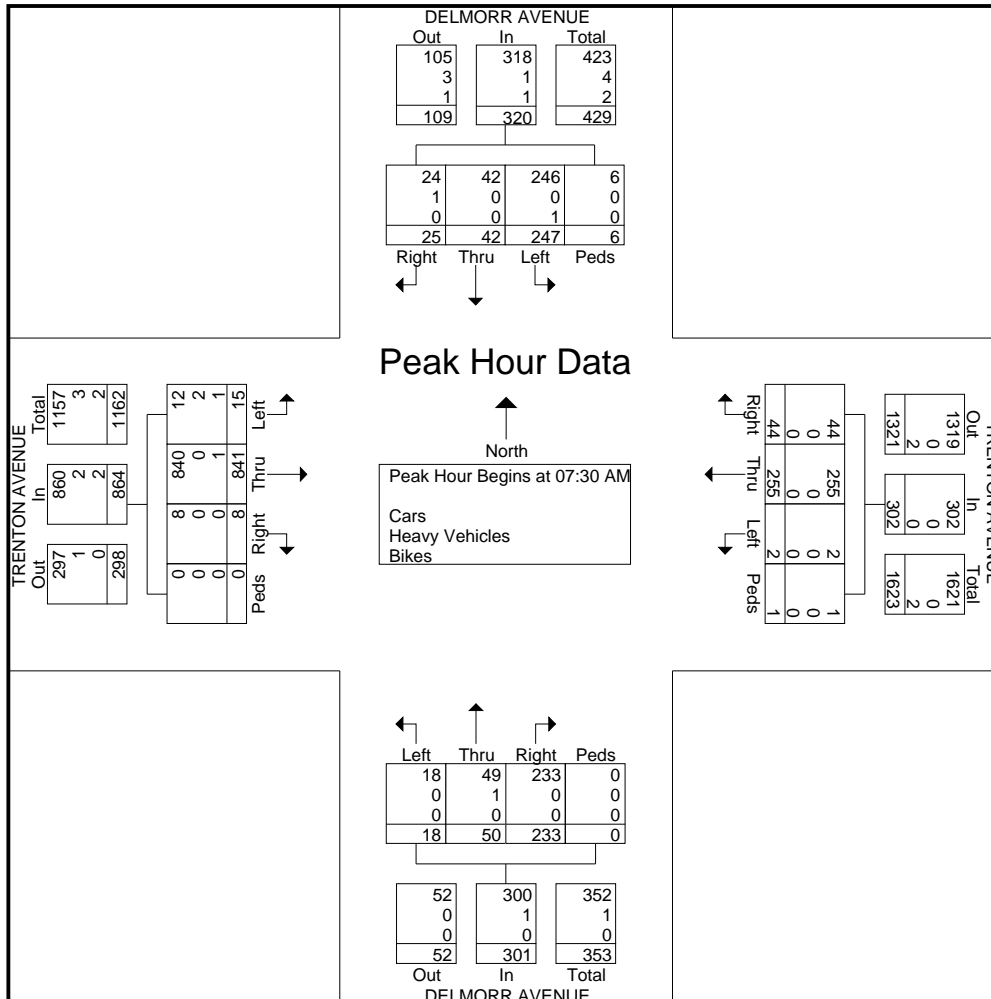
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Delmorr Ave & Trenton Ave  
Date: Tuesday, October 6, 2015  
Counter: Kim M

File Name : Delmorr Ave & Trenton Ave Count  
Site Code : 06  
Start Date : 10/6/2015  
Page No : 3

Start Time	DELMORR AVENUE Southbound					TRENTON AVENUE Westbound					DELMORR AVENUE Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	55	15	6	1	77	1	57	10	0	68	5	16	46	0	67	5	216	4	0	225	437
07:45 AM	58	8	5	3	74	0	77	16	0	93	3	17	68	0	88	3	212	1	0	216	471
08:00 AM	66	8	7	1	82	0	64	10	0	74	6	9	71	0	86	4	198	2	0	204	446
08:15 AM	68	11	7	1	87	1	57	8	1	67	4	8	48	0	60	3	215	1	0	219	433
Total Volume	247	42	25	6	320	2	255	44	1	302	18	50	233	0	301	15	841	8	0	864	1787
% App. Total	77.2	13.1	7.8	1.9		0.7	84.4	14.6	0.3		6	16.6	77.4	0		1.7	97.3	0.9	0		
PHF	.908	.700	.893	.500	.920	.500	.828	.688	.250	.812	.750	.735	.820	.000	.855	.750	.973	.500	.000	.960	.949
Cars	246	42	24	6	318	2	255	44	1	302	18	49	233	0	300	12	840	8	0	860	1780
% Cars	99.6	100	96.0	100	99.4	100	100	100	100	100	100	98.0	100	0	99.7	80.0	99.9	100	0	99.5	99.6
Heavy Vehicles																					
% Heavy Vehicles	0	0	4.0	0	0.3	0	0	0	0	0	0	2.0	0	0	0.3	13.3	0	0	0	0	0.2
Bikes	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	3
% Bikes	0.4	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	6.7	0.1	0	0	0.2	0.2



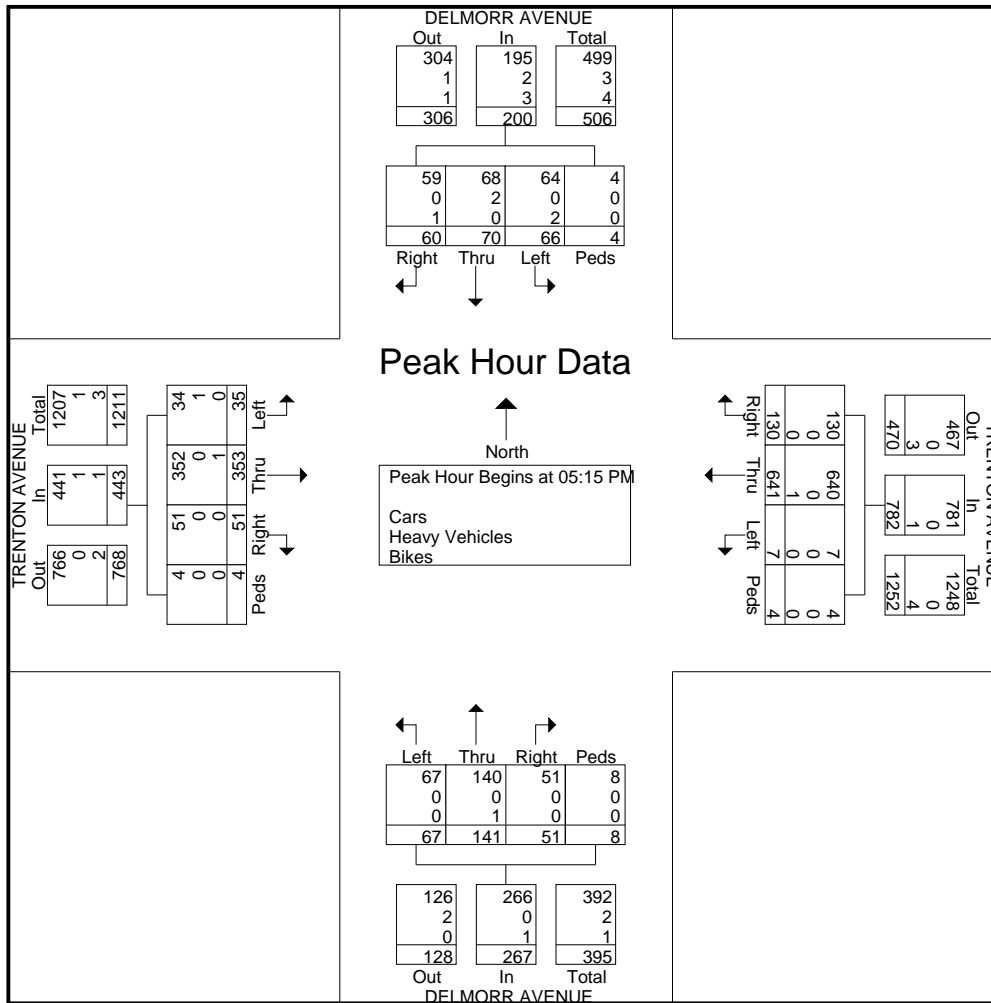
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Delmorr Ave & Trenton Ave  
Date: Tuesday, October 6, 2015  
Counter: Kim M

File Name : Delmorr Ave & Trenton Ave Count  
Site Code : 06  
Start Date : 10/6/2015  
Page No : 4

Start Time	DELMORR AVENUE Southbound					TRENTON AVENUE Westbound					DELMORR AVENUE Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:15 PM																					
05:15 PM	13	19	13	1	46	2	162	31	1	196	17	41	13	2	73	10	85	12	2	109	424
05:30 PM	18	20	13	2	53	1	164	32	1	198	19	34	8	2	63	10	96	10	0	116	430
05:45 PM	13	11	19	1	44	3	157	35	1	196	15	41	10	3	69	6	72	21	1	100	409
06:00 PM	22	20	15	0	57	1	158	32	1	192	16	25	20	1	62	9	100	8	1	118	429
Total Volume	66	70	60	4	200	7	641	130	4	782	67	141	51	8	267	35	353	51	4	443	1692
% App. Total	33	35	30	2		0.9	82	16.6	0.5		25.1	52.8	19.1	3		7.9	79.7	11.5	0.9		
PHF	.750	.875	.789	.500	.877	.583	.977	.929	1.00	.987	.882	.860	.638	.667	.914	.875	.883	.607	.500	.939	.984
Cars	64	68	59	4	195	7	640	130	4	781	67	140	51	8	266	34	352	51	4	441	1683
% Cars	97.0	97.1	98.3	100	97.5	100	99.8	100	100	99.9	100	99.3	100	100	99.6	97.1	99.7	100	100	99.5	99.5
Heavy Vehicles																					
% Heavy Vehicles	0	2.9	0	0	1.0	0	0	0	0	0	0	0	0	0	0	2.9	0	0	0	0	0.2
Bikes	2	0	1	0	3	0	1	0	0	1	0	1	0	1	1	0	1	0	0	1	6
% Bikes	3.0	0	1.7	0	1.5	0	0.2	0	0	0.1	0	0.7	0	0	0.4	0	0.3	0	0	0.2	0.4



# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Delmorr Ave & Bridge St  
Date: Wednesday, October 7, 2015  
Counter: Kim M

File Name : Delmorr Ave & Bridge St Count  
Site Code : 09  
Start Date : 10/7/2015  
Page No : 1

## Groups Printed- Cars - Heavy Vehicles - Bikes

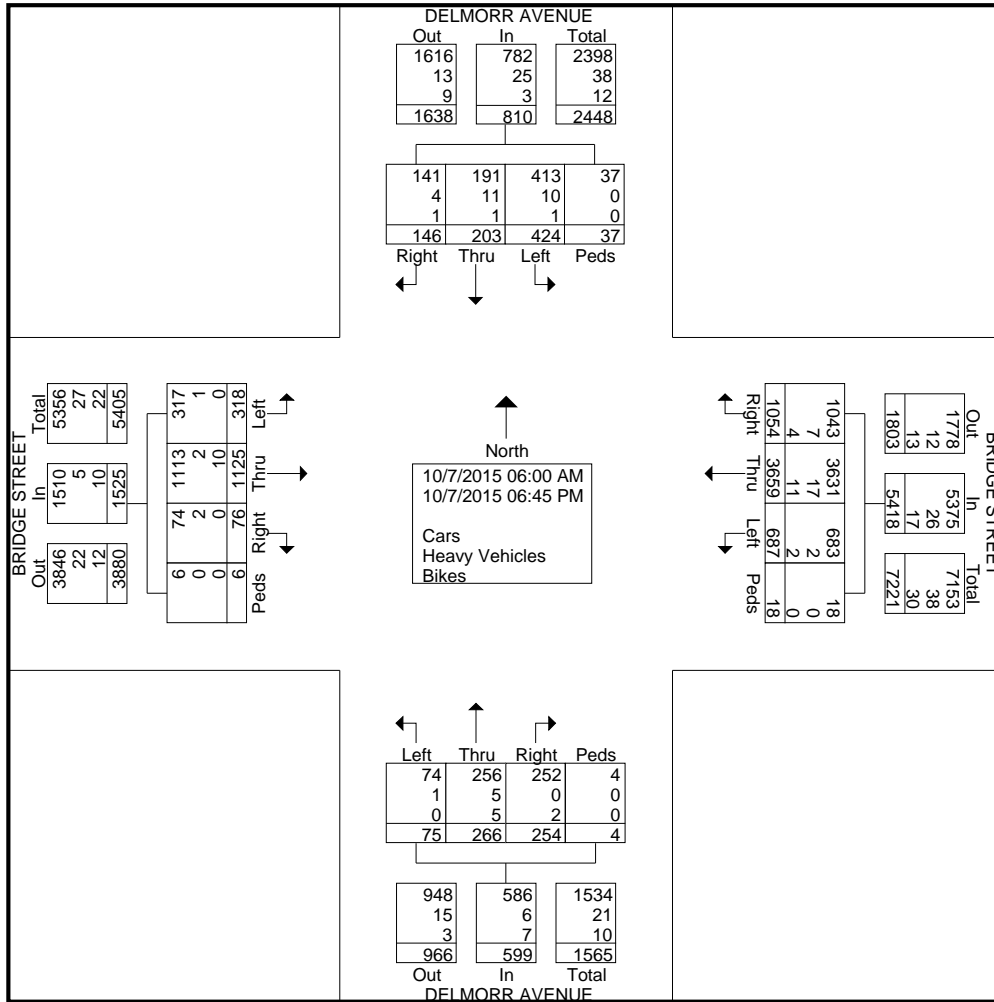
Start Time	DELMORR AVENUE Southbound					BRIDGE STREET Westbound					DELMORR AVENUE Northbound					BRIDGE STREET Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	3	5	5	0	13	8	118	7	0	133	1	0	3	0	4	2	12	0	0	14	164
06:15 AM	3	0	2	1	6	22	125	7	0	154	0	0	2	0	2	4	22	0	0	26	188
06:30 AM	7	7	8	1	23	26	145	10	0	181	2	6	1	0	9	6	36	0	0	42	255
06:45 AM	6	3	6	2	17	42	125	30	0	197	1	5	6	0	12	10	42	1	0	53	279
Total	19	15	21	4	59	98	513	54	0	665	4	11	12	0	27	22	112	1	0	135	886
07:00 AM	10	5	8	1	24	19	88	24	0	131	3	9	8	0	20	10	36	3	1	50	225
07:15 AM	26	5	4	3	38	17	131	14	1	163	3	6	5	0	14	25	66	3	1	95	310
07:30 AM	26	8	4	4	42	23	118	31	0	172	2	11	8	0	21	17	86	0	0	103	338
07:45 AM	21	5	2	1	29	25	96	26	0	147	3	12	15	2	32	13	81	1	0	95	303
Total	83	23	18	9	133	84	433	95	1	613	11	38	36	2	87	65	269	7	2	343	1176
08:00 AM	28	7	5	4	44	7	90	19	0	116	6	12	17	0	35	31	86	2	0	119	314
08:15 AM	24	8	7	1	40	13	70	19	0	102	3	7	10	0	20	23	89	4	0	116	278
08:30 AM	23	8	4	1	36	10	79	21	1	111	1	8	6	0	15	14	67	2	0	83	245
08:45 AM	16	5	6	1	28	10	105	22	1	138	1	3	9	0	13	11	72	5	0	88	267
Total	91	28	22	7	148	40	344	81	2	467	11	30	42	0	83	79	314	13	0	406	1104
09:00 AM	12	4	3	2	21	10	87	29	0	126	1	5	6	0	12	12	46	3	0	61	220
09:15 AM	7	3	3	0	13	13	106	19	0	138	3	10	5	0	18	8	42	5	0	55	224
09:30 AM	9	5	7	0	21	12	98	12	1	123	4	6	8	0	18	4	26	5	0	35	197
09:45 AM	13	3	6	0	22	10	96	19	1	126	1	5	10	0	16	6	16	2	0	24	188
Total	41	15	19	2	77	45	387	79	2	513	9	26	29	0	64	30	130	15	0	175	829
*** BREAK ***																					
04:00 PM	14	11	7	2	34	44	158	58	2	262	1	11	10	0	22	6	28	4	0	38	356
04:15 PM	12	13	6	0	31	46	149	62	0	257	4	14	14	0	32	7	21	4	0	32	352
04:30 PM	20	14	4	2	40	28	175	59	2	264	3	19	8	0	30	11	29	2	0	42	376
04:45 PM	20	5	5	0	30	39	144	70	1	254	2	11	16	0	29	7	19	1	1	28	341
Total	66	43	22	4	135	157	626	249	5	1037	10	55	48	0	113	31	97	11	1	140	1425
05:00 PM	25	12	2	2	41	47	160	73	1	281	7	13	16	0	36	5	26	6	0	37	395
05:15 PM	12	13	6	3	34	31	170	65	1	267	4	11	13	0	28	24	37	6	2	69	398
05:30 PM	10	9	6	2	27	32	177	74	0	283	3	14	10	0	27	8	21	4	0	33	370
05:45 PM	14	9	3	0	26	36	159	63	0	258	2	16	10	0	28	10	22	3	0	35	347
Total	61	43	17	7	128	146	666	275	2	1089	16	54	49	0	119	47	106	19	2	174	1510
06:00 PM	17	13	6	1	37	28	164	61	1	254	4	17	12	0	33	17	37	1	0	55	379
06:15 PM	14	6	15	1	36	24	176	49	2	251	1	17	10	0	28	10	24	4	0	38	353
06:30 PM	17	10	5	2	34	37	175	60	3	275	3	13	8	1	25	8	18	4	0	30	364
06:45 PM	15	7	1	0	23	28	175	51	0	254	6	5	8	1	20	9	18	1	1	29	326
Total	63	36	27	4	130	117	690	221	6	1034	14	52	38	2	106	44	97	10	1	152	1422
Grand Total	424	203	146	37	810	687	3659	1054	18	5418	75	266	254	4	599	318	1125	76	6	1525	8352
Apprch %	52.3	25.1	18	4.6		12.7	67.5	19.5	0.3		12.5	44.4	42.4	0.7		20.9	73.8	5	0.4		
Total %	5.1	2.4	1.7	0.4	9.7	8.2	43.8	12.6	0.2	64.9	0.9	3.2	3	0	7.2	3.8	13.5	0.9	0.1	18.3	
Cars	413	191	141	37	782	683	3631	1043	18	5375	74	256	252	4	586	317	1113	74	6	1510	8253
% Cars	97.4	94.1	96.6	100	96.5	99.4	99.2	99	100	99.2	98.7	96.2	99.2	100	97.8	99.7	98.9	97.4	100	99	98.8
Heavy Vehicles	10	11	4	0	25	2	17	7	0	26	1	5	0	0	6	1	2	2	0	5	62
% Heavy Vehicles	2.4	5.4	2.7	0	3.1	0.3	0.5	0.7	0	0.5	1.3	1.9	0	0	1	0.3	0.2	2.6	0	0.3	0.7
Bikes	1	1	1	0	3	2	11	4	0	17	0	5	2	0	7	0	10	0	0	10	37
% Bikes	0.2	0.5	0.7	0	0.4	0.3	0.3	0.4	0	0.3	0	1.9	0.8	0	1.2	0	0.9	0	0	0.7	0.4

# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Delmorr Ave & Bridge St  
Date: Wednesday, October 7, 2015  
Counter: Kim M

File Name : Delmorr Ave & Bridge St Count  
Site Code : 09  
Start Date : 10/7/2015  
Page No : 2



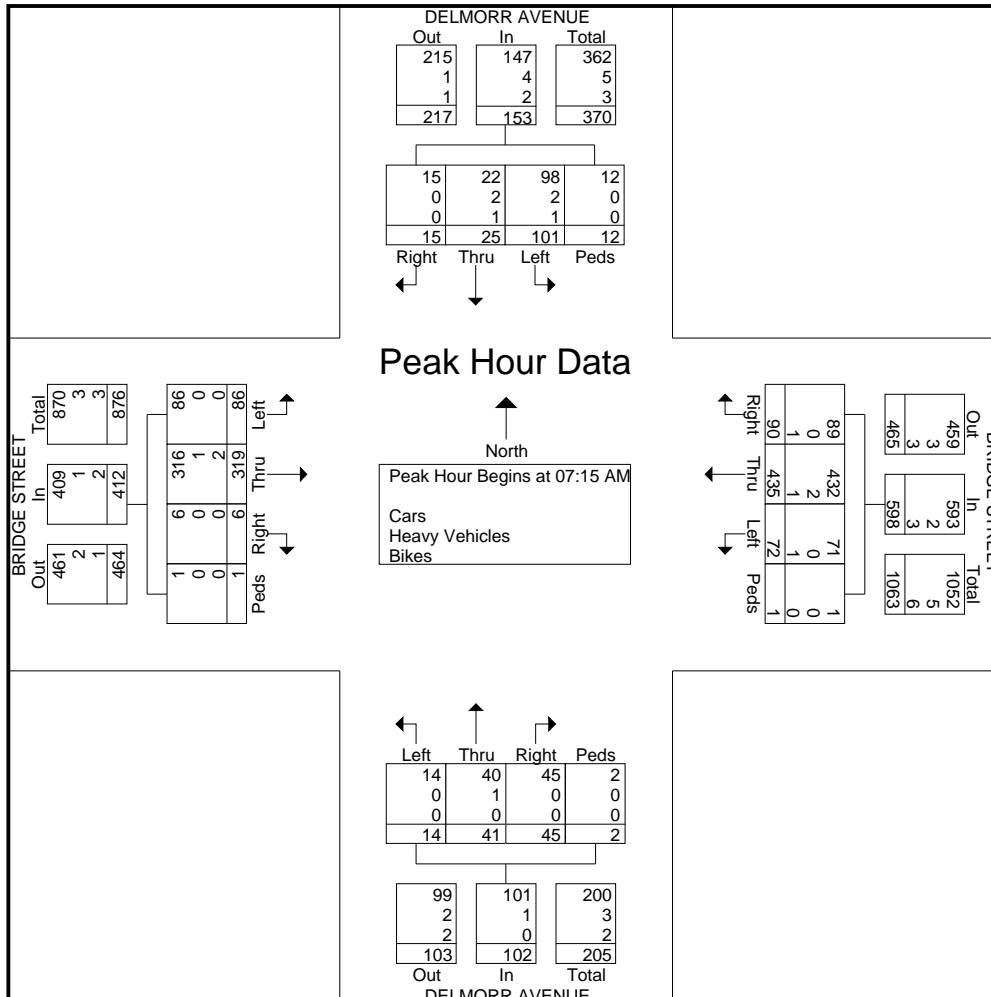
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Delmorr Ave & Bridge St  
Date: Wednesday, October 7, 2015  
Counter: Kim M

File Name : Delmorr Ave & Bridge St Count  
Site Code : 09  
Start Date : 10/7/2015  
Page No : 3

Start Time	DELMORR AVENUE Southbound					BRIDGE STREET Westbound					DELMORR AVENUE Northbound					BRIDGE STREET Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	26	5	4	3	38	17	131	14	1	163	3	6	5	0	14	25	66	3	1	95	310
07:30 AM	26	8	4	4	42	23	118	31	0	172	2	11	8	0	21	17	86	0	0	103	338
07:45 AM	21	5	2	1	29	25	96	26	0	147	3	12	15	2	32	13	81	1	0	95	303
08:00 AM	28	7	5	4	44	7	90	19	0	116	6	12	17	0	35	31	86	2	0	119	314
Total Volume	101	25	15	12	153	72	435	90	1	598	14	41	45	2	102	86	319	6	1	412	1265
% App. Total	66	16.3	9.8	7.8		12	72.7	15.1	0.2		13.7	40.2	44.1	2		20.9	77.4	1.5	0.2		
PHF	.902	.781	.750	.750	.869	.720	.830	.726	.250	.869	.583	.854	.662	.250	.729	.694	.927	.500	.250	.866	.936
Cars	98	22	15	12	147	71	432	89	1	593	14	40	45	2	101	86	316	6	1	409	1250
% Cars	97.0	88.0	100	100	96.1	98.6	99.3	98.9	100	99.2	100	97.6	100	100	99.0	100	99.1	100	100	99.3	98.8
Heavy Vehicles																					
% Heavy Vehicles	2.0	8.0	0	0	2.6	0	0.5	0	0	0.3	0	2.4	0	1.0	0	0.3	0	0	0	0.2	0.6
Bikes	1	1	0	0	2	1	1	1	0	3	0	0	0	0	0	0	2	0	0	2	7
% Bikes	1.0	4.0	0	0	1.3	1.4	0.2	1.1	0	0.5	0	0	0	0	0	0	0.6	0	0	0.5	0.6



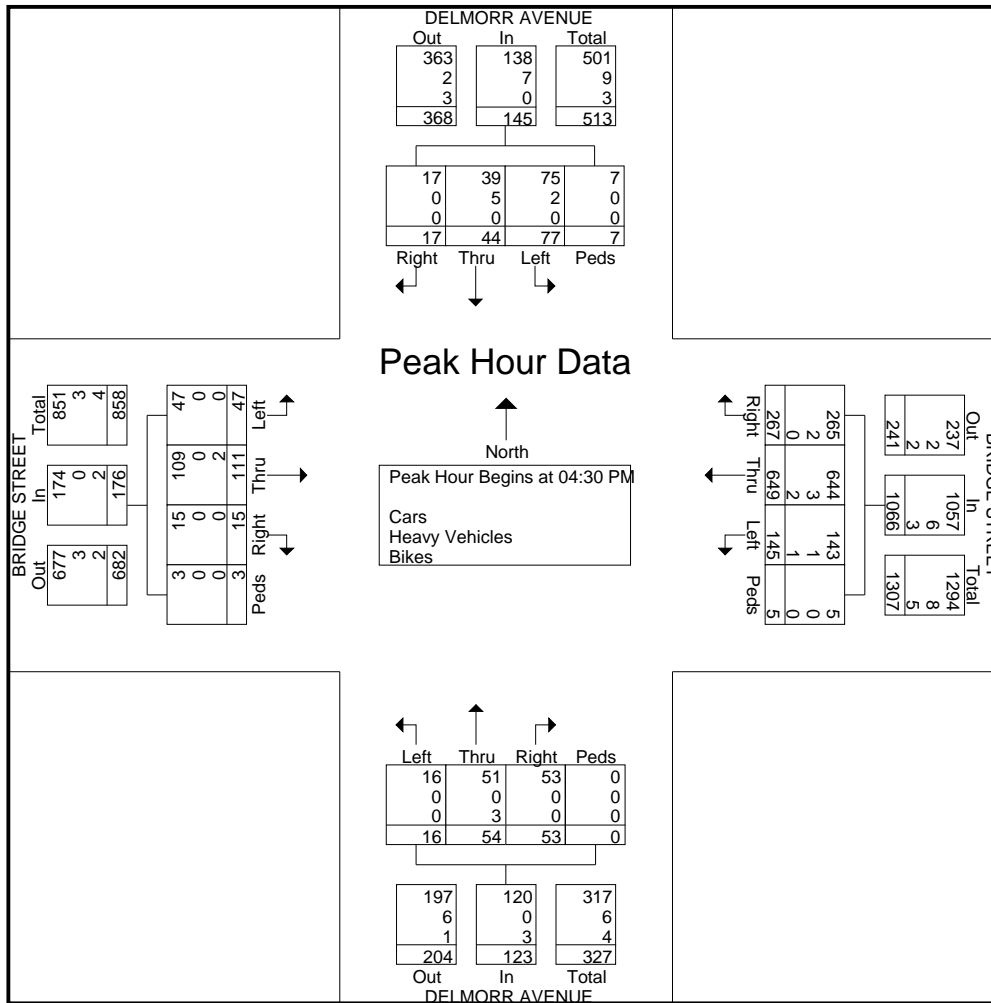
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Delmorr Ave & Bridge St  
Date: Wednesday, October 7, 2015  
Counter: Kim M

File Name : Delmorr Ave & Bridge St Count  
Site Code : 09  
Start Date : 10/7/2015  
Page No : 4

Start Time	DELMORR AVENUE Southbound					BRIDGE STREET Westbound					DELMORR AVENUE Northbound					BRIDGE STREET Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	20	14	4	2	40	28	175	59	2	264	3	19	8	0	30	11	29	2	0	42	376
04:45 PM	20	5	5	0	30	39	144	70	1	254	2	11	16	0	29	7	19	1	1	28	341
05:00 PM	25	12	2	2	41	47	160	73	1	281	7	13	16	0	36	5	26	6	0	37	395
05:15 PM	12	13	6	3	34	31	170	65	1	267	4	11	13	0	28	24	37	6	2	69	398
Total Volume	77	44	17	7	145	145	649	267	5	1066	16	54	53	0	123	47	111	15	3	176	1510
% App. Total	53.1	30.3	11.7	4.8		13.6	60.9	25	0.5		13	43.9	43.1	0		26.7	63.1	8.5	1.7		
PHF	.770	.786	.708	.583	.884	.771	.927	.914	.625	.948	.571	.711	.828	.000	.854	.490	.750	.625	.375	.638	.948
Cars	75	39	17	7	138	143	644	265	5	1057	16	51	53	0	120	47	109	15	3	174	1489
% Cars	97.4	88.6	100	100	95.2	98.6	99.2	99.3	100	99.2	100	94.4	100	0	97.6	100	98.2	100	100	98.9	98.6
Heavy Vehicles																					
% Heavy Vehicles	2.6	11.4	0	0	4.8	0.7	0.5	0.7	0	0.6	0	0	0	0	0	0	0	0	0	0	0.9
Bikes	0	0	0	0	0	1	2	0	0	3	0	3	0	0	3	0	2	0	0	2	8
% Bikes	0	0	0	0	0	0.7	0.3	0	0	0.3	0	5.6	0	0	2.4	0	1.8	0	0	1.1	0.5



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-14A-REDO  
 Site Code : 044-14A-REDO  
 Start Date : 11/24/2015  
 Page No : 1

Groups Printed- Motorcycles - Cars - Light Goods Vehicles - Buses - Unit Trucks - Articulated Trucks

Start Time	I-95 Ramp Southbound					Newtown Bypass Westbound					I-95 Ramp Northbound					Newtown Bypass Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	1	2	20	0	23	24	94	0	0	118	0	0	0	0	0	0	114	114	0	228	369
06:15 AM	0	0	28	0	28	24	109	0	0	133	0	0	0	0	0	0	151	131	0	282	443
06:30 AM	3	0	42	0	45	34	188	0	0	222	0	0	0	0	0	0	219	168	0	387	654
06:45 AM	1	0	85	0	86	41	222	0	0	263	0	0	0	0	0	0	222	189	0	411	760
Total	5	2	175	0	182	123	613	0	0	736	0	0	0	0	0	0	706	602	0	1308	2226
07:00 AM	1	0	68	0	69	41	252	0	0	293	0	0	0	0	0	0	271	176	0	447	809
07:15 AM	2	0	98	0	100	45	257	0	0	302	0	0	0	0	0	0	261	204	0	465	867
07:30 AM	2	0	103	0	105	45	321	0	0	366	0	0	0	0	0	0	260	235	0	495	966
07:45 AM	10	0	166	0	176	39	365	0	0	404	0	0	0	0	0	0	203	233	0	436	1016
Total	15	0	435	0	450	170	1195	0	0	1365	0	0	0	0	0	0	995	848	0	1843	3658
08:00 AM	5	0	119	0	124	46	296	0	0	342	0	0	0	0	0	0	223	228	0	451	917
08:15 AM	10	0	111	0	121	36	324	0	0	360	0	0	0	0	0	0	198	199	0	397	878
08:30 AM	9	0	111	0	120	36	273	0	0	309	0	0	0	0	0	0	203	197	0	400	829
08:45 AM	11	0	124	0	135	55	283	0	0	338	0	0	0	0	0	0	192	181	0	373	846
Total	35	0	465	0	500	173	1176	0	0	1349	0	0	0	0	0	0	816	805	0	1621	3470
09:00 AM	7	0	105	0	112	27	279	0	0	306	0	0	0	0	0	0	191	181	0	372	790
09:15 AM	13	0	108	0	121	26	220	0	0	246	0	0	0	0	0	0	167	177	0	344	711
09:30 AM	9	0	99	0	108	21	239	0	0	260	0	0	0	0	0	0	172	160	0	332	700
09:45 AM	9	0	96	0	105	22	191	0	0	213	0	0	0	0	0	0	124	144	0	268	586
Total	38	0	408	0	446	96	929	0	0	1025	0	0	0	0	0	0	654	662	0	1316	2787
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
10:15 AM	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0	0	2	0	0	2	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	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	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
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-14A-REDO  
 Site Code : 044-14A-REDO  
 Start Date : 11/24/2015  
 Page No : 2

Groups Printed- Motorcycles - Cars - Light Goods Vehicles - Buses - Unit Trucks - Articulated Trucks

Start Time	I-95 Ramp Southbound					Newtown Bypass Westbound					I-95 Ramp Northbound					Newtown Bypass Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	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>
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	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>
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	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>
04:00 PM	19	0	195	0	214	32	261	0	0	293	0	0	0	0	0	0	152	265	0	417	924	
04:15 PM	29	0	185	0	214	29	251	0	0	280	0	0	0	0	0	0	148	260	0	408	902	
04:30 PM	24	0	207	0	231	30	313	0	0	343	0	0	0	0	0	0	171	268	0	439	1013	
04:45 PM	34	0	190	0	224	24	286	0	0	310	0	0	0	0	0	0	186	259	0	445	979	
<b>Total</b>	<b>106</b>	<b>0</b>	<b>777</b>	<b>0</b>	<b>883</b>	<b>115</b>	<b>1111</b>	<b>0</b>	<b>0</b>	<b>1226</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>657</b>	<b>1052</b>	<b>0</b>	<b>1709</b>	<b>3818</b>	
05:00 PM	23	0	223	0	246	26	294	0	0	320	0	0	0	0	0	0	208	338	0	546	1112	
05:15 PM	33	0	124	0	157	27	349	0	0	376	0	0	0	0	0	0	169	291	0	460	993	
05:30 PM	31	0	229	0	260	34	249	0	0	283	0	0	0	0	0	0	200	276	0	476	1019	
05:45 PM	28	0	201	0	229	26	320	0	0	346	0	0	0	0	0	0	207	283	0	490	1065	
<b>Total</b>	<b>115</b>	<b>0</b>	<b>777</b>	<b>0</b>	<b>892</b>	<b>113</b>	<b>1212</b>	<b>0</b>	<b>0</b>	<b>1325</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>784</b>	<b>1188</b>	<b>0</b>	<b>1972</b>	<b>4189</b>	
06:00 PM	22	0	194	0	216	35	274	0	0	309	0	0	0	0	0	0	141	218	0	359	884	
06:15 PM	25	0	182	0	207	23	250	0	0	273	0	0	0	0	0	0	172	199	0	371	851	
06:30 PM	15	0	169	0	184	21	273	0	0	294	0	0	0	0	0	0	120	144	0	264	742	
06:45 PM	23	0	180	0	203	19	222	0	0	241	0	0	0	0	0	0	136	104	0	240	684	
<b>Total</b>	<b>85</b>	<b>0</b>	<b>725</b>	<b>0</b>	<b>810</b>	<b>98</b>	<b>1019</b>	<b>0</b>	<b>0</b>	<b>1117</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>569</b>	<b>665</b>	<b>0</b>	<b>1234</b>	<b>3161</b>	
<b>Grand Total</b>	<b>399</b>	<b>2</b>	<b>3762</b>	<b>0</b>	<b>4163</b>	<b>888</b>	<b>7255</b>	<b>0</b>	<b>0</b>	<b>8143</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5183</b>	<b>5822</b>	<b>0</b>	<b>11005</b>	<b>23311</b>	
Apprch %	9.6	0	90.4	0		10.9	89.1	0	0		0	0	0	0	0	0	47.1	52.9	0			
Total %	1.7	0	16.1	0	17.9	3.8	31.1	0	0	34.9	0	0	0	0	0	0	22.2	25	0	47.2		
Motorcycles	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
% Motorcycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cars	380	2	3620	0	4002	803	6383	0	0	7186	0	0	0	0	0	0	4920	5370	0	10290	21478	
% Cars	95.2	100	96.2	0	96.1	90.4	88	0	0	88.2	0	0	0	0	0	0	94.9	92.2	0	93.5	92.1	
Light Goods Vehicles	7	0	69	0	76	63	508	0	0	571	0	0	0	0	0	0	180	137	0	317	964	
% Light Goods Vehicles	1.8	0	1.8	0	1.8	7.1	7	0	0	7	0	0	0	0	0	0	3.5	2.4	0	2.9	4.1	
Buses	5	0	5	0	10	11	20	0	0	31	0	0	0	0	0	0	4	11	0	15	56	
% Buses	1.3	0	0.1	0	0.2	1.2	0.3	0	0	0.4	0	0	0	0	0	0	0.1	0.2	0	0.1	0.2	
Single-Unit Trucks	5	0	42	0	47	10	283	0	0	293	0	0	0	0	0	0	65	235	0	300	640	
% Single-Unit Trucks	1.3	0	1.1	0	1.1	1.1	3.9	0	0	3.6	0	0	0	0	0	0	1.3	4	0	2.7	2.7	
Articulated Trucks	2	0	25	0	27	1	61	0	0	62	0	0	0	0	0	0	14	69	0	83	172	
% Articulated Trucks	0.5	0	0.7	0	0.6	0.1	0.8	0	0	0.8	0	0	0	0	0	0	0.3	1.2	0	0.8	0.7	

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
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 732.274.9500, Fax 732.274.9510

Start Time	I-95 Ramp Southbound					Newtown Bypass Westbound					I-95 Ramp Northbound					Newtown Bypass Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	2	0	103	0	105	45	321	0	0	366	0	0	0	0	0	0	260	235	0	495	966
07:45 AM	10	0	166	0	176	39	365	0	0	404	0	0	0	0	0	0	203	233	0	436	1016
08:00 AM	5	0	119	0	124	46	296	0	0	342	0	0	0	0	0	0	223	228	0	451	917
08:15 AM	10	0	111	0	121	36	324	0	0	360	0	0	0	0	0	0	198	199	0	397	878
Total Volume	27	0	499	0	526	166	1306	0	0	1472	0	0	0	0	0	0	884	895	0	1779	3777
% App. Total	5.1	0	94.9	0		11.3	88.7	0	0		0	0	0	0	0	0	49.7	50.3	0		
PHF	.675	.000	.752	.000	.747	.902	.895	.000	.000	.911	.000	.000	.000	.000	.000	.000	.850	.952	.000	.898	.929
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	23	0	223	0	246	26	294	0	0	320	0	0	0	0	0	0	208	338	0	546	1112
05:15 PM	33	0	124	0	157	27	349	0	0	376	0	0	0	0	0	0	169	291	0	460	993
05:30 PM	31	0	229	0	260	34	249	0	0	283	0	0	0	0	0	0	200	276	0	476	1019
05:45 PM	28	0	201	0	229	26	320	0	0	346	0	0	0	0	0	0	207	283	0	490	1065
Total Volume	115	0	777	0	892	113	1212	0	0	1325	0	0	0	0	0	0	784	1188	0	1972	4189
% App. Total	12.9	0	87.1	0		8.5	91.5	0	0		0	0	0	0	0	0	39.8	60.2	0		
PHF	.871	.000	.848	.000	.858	.831	.868	.000	.000	.881	.000	.000	.000	.000	.000	.000	.942	.879	.000	.903	.942



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-14B-REDO  
 Site Code : 044-14B-REDO  
 Start Date : 11/24/2015  
 Page No : 2

Groups Printed- Motorcycles - Cars - Light Goods Vehicles - Buses - Unit Trucks - Articulated Trucks

Start Time	Newtown Bypass Westbound			Northbound Approach Northbound				Newtown Bypass Eastbound			Int. Total
	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Peds	App. Total	
01:15 PM	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0
02:00 PM	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0
03:00 PM	0	0	0	0	0	0	0	0	0	0	0
03:15 PM	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0
04:00 PM	107	0	107	211	40	0	251	76	0	76	434
04:15 PM	98	0	98	252	46	0	298	77	0	77	473
04:30 PM	88	0	88	255	64	0	319	78	0	78	485
04:45 PM	72	0	72	272	53	0	325	106	0	106	503
Total	365	0	365	990	203	0	1193	337	0	337	1895
05:00 PM	97	0	97	253	57	0	310	98	0	98	505
05:15 PM	87	0	87	298	64	0	362	87	0	87	536
05:30 PM	69	0	69	237	41	0	278	88	0	88	435
05:45 PM	91	0	91	246	61	0	307	107	0	107	505
Total	344	0	344	1034	223	0	1257	380	0	380	1981
06:00 PM	88	0	88	228	47	0	275	78	0	78	441
06:15 PM	90	0	90	211	59	0	270	83	0	83	443
06:30 PM	79	0	79	236	56	0	292	56	0	56	427
06:45 PM	62	0	62	190	46	0	236	79	0	79	377
Total	319	0	319	865	208	0	1073	296	0	296	1688
Grand Total	2691	0	2691	6136	1045	0	7181	1630	0	1630	11502
Apprch %	100	0		85.4	14.6	0		100	0		
Total %	23.4	0	23.4	53.3	9.1	0	62.4	14.2	0	14.2	
Motorcycles	1	0	1	0	0	0	0	0	0	0	1
% Motorcycles	0	0	0	0	0	0	0	0	0	0	0
Cars	2523	0	2523	5146	935	0	6081	1515	0	1515	10119
% Cars	93.8	0	93.8	83.9	89.5	0	84.7	92.9	0	92.9	88
Light Goods Vehicles	112	0	112	646	81	0	727	79	0	79	918
% Light Goods Vehicles	4.2	0	4.2	10.5	7.8	0	10.1	4.8	0	4.8	8
Buses	20	0	20	9	10	0	19	9	0	9	48
% Buses	0.7	0	0.7	0.1	1	0	0.3	0.6	0	0.6	0.4
Single-Unit Trucks	33	0	33	285	19	0	304	26	0	26	363
% Single-Unit Trucks	1.2	0	1.2	4.6	1.8	0	4.2	1.6	0	1.6	3.2

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-14B-REDO  
 Site Code : 044-14B-REDO  
 Start Date : 11/24/2015  
 Page No : 3

Groups Printed- Motorcycles - Cars - Light Goods Vehicles - Buses - Unit Trucks - Articulated Trucks

	Newtown Bypass Westbound			Northbound Approach Northbound				Newtown Bypass Eastbound			Int. Total
	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Peds	App. Total	
Articulated Trucks	2	0	2	50	0	0	50	1	0	1	53
% Articulated Trucks	0.1	0	0.1	0.8	0	0	0.7	0.1	0	0.1	0.5

Start Time	Newtown Bypass Westbound			Northbound Approach Northbound				Newtown Bypass Eastbound			Int. Total
	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1											
Peak Hour for Entire Intersection Begins at 07:30 AM											
07:30 AM	135	0	135	238	34	0	272	49	0	49	456
07:45 AM	108	0	108	345	41	0	386	30	0	30	524
08:00 AM	110	0	110	259	45	0	304	54	0	54	468
08:15 AM	121	0	121	244	37	0	281	53	0	53	455
Total Volume	474	0	474	1086	157	0	1243	186	0	186	1903
% App. Total	100	0		87.4	12.6	0		100	0		
PHF	.878	.000	.878	.787	.872	.000	.805	.861	.000	.861	.908

Start Time	Newtown Bypass Westbound			Northbound Approach Northbound				Newtown Bypass Eastbound			Int. Total
	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1											
Peak Hour for Entire Intersection Begins at 04:30 PM											
04:30 PM	88	0	88	255	64	0	319	78	0	78	485
04:45 PM	72	0	72	272	53	0	325	106	0	106	503
05:00 PM	97	0	97	253	57	0	310	98	0	98	505
05:15 PM	87	0	87	298	64	0	362	87	0	87	536
Total Volume	344	0	344	1078	238	0	1316	369	0	369	2029
% App. Total	100	0		81.9	18.1	0		100	0		
PHF	.887	.000	.887	.904	.930	.000	.909	.870	.000	.870	.946



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-19-REDO  
 Site Code : 044-19-REDO  
 Start Date : 11/24/2015  
 Page No : 2

## Groups Printed- Motorcycles - Cars - Light Goods Vehicles - Buses - Unit Trucks - Articulated Trucks

Start Time	I-95 Ramp Southbound					Bear Tavern Road Westbound					I-95 Ramp Northbound					Bear Tavern Road Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	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>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	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>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	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>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	0	132	66	0	198	31	0	29	0	60	47	84	0	0	131	389	
04:15 PM	0	0	0	0	0	0	180	72	0	252	41	0	50	0	91	55	101	0	0	156	499	
04:30 PM	0	0	0	0	0	0	161	75	0	236	46	0	35	0	81	70	109	0	0	179	496	
04:45 PM	0	0	0	0	0	0	144	87	0	231	43	0	43	0	86	58	100	0	0	158	475	
<b>Total</b>	0	0	0	0	0	0	617	300	0	917	161	0	157	0	318	230	394	0	0	624	1859	
05:00 PM	0	0	0	0	0	0	134	62	0	196	53	0	31	0	84	85	117	0	0	202	482	
05:15 PM	0	0	0	0	0	0	136	100	0	236	51	0	53	0	104	71	87	0	0	158	498	
05:30 PM	0	0	0	0	0	0	149	70	0	219	40	0	38	0	78	41	91	0	0	132	429	
05:45 PM	0	0	0	0	0	0	94	51	0	145	37	0	32	0	69	43	101	0	0	144	358	
<b>Total</b>	0	0	0	0	0	0	513	283	0	796	181	0	154	0	335	240	396	0	0	636	1767	
06:00 PM	0	0	0	0	0	0	124	51	0	175	31	0	35	0	66	36	81	0	0	117	358	
06:15 PM	0	1	0	0	1	0	101	39	0	140	32	0	32	0	64	42	71	0	0	113	318	
06:30 PM	0	0	0	0	0	0	75	33	0	108	30	0	23	0	53	26	76	0	0	102	263	
06:45 PM	0	0	0	0	0	0	78	43	0	121	29	1	29	0	59	30	69	0	0	99	279	
<b>Total</b>	0	1	0	0	1	0	378	166	0	544	122	1	119	0	242	134	297	0	0	431	1218	
<b>Grand Total</b>	0	1	0	0	1	0	2314	1328	0	3642	1228	1	1242	0	2471	1475	2531	0	0	4006	10120	
Apprch %	0	100	0	0	0	0	63.5	36.5	0	63.5	49.7	0	50.3	0	49.7	36.8	63.2	0	0	63.2	63.2	
Total %	0	0	0	0	0	0	22.9	13.1	0	22.9	12.1	0	12.3	0	12.1	14.6	25	0	0	39.6	39.6	
Motorcycles	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	2	
% Motorcycles	0	0	0	0	0	0	0	0.1	0	0.1	0.1	0	0	0	0	0	0	0	0	0	0	
Cars	0	1	0	0	1	0	2091	1233	0	3324	1131	1	1167	0	2299	1388	2285	0	0	3673	9297	
% Cars	0	100	0	0	100	0	90.4	92.8	0	91.3	92.1	100	94	0	93	94.1	90.3	0	0	91.7	91.9	
Light Goods Vehicles	0	0	0	0	0	0	147	41	0	188	86	0	51	0	137	58	148	0	0	206	531	
% Light Goods Vehicles	0	0	0	0	0	0	6.4	3.1	0	5.2	7	0	4.1	0	5.5	3.9	5.8	0	0	5.1	5.2	
Buses	0	0	0	0	0	0	28	12	0	40	0	0	1	0	1	14	36	0	0	50	91	
% Buses	0	0	0	0	0	0	1.2	0.9	0	1.1	0	0	0.1	0	0	0.9	1.4	0	0	1.2	0.9	
Single-Unit Trucks	0	0	0	0	0	0	42	27	0	69	10	0	19	0	29	14	42	0	0	56	154	
% Single-Unit Trucks	0	0	0	0	0	0	1.8	2	0	1.9	0.8	0	1.5	0	1.2	0.9	1.7	0	0	1.4	1.5	
Articulated Trucks	0	0	0	0	0	0	6	14	0	20	0	0	4	0	4	1	20	0	0	21	45	
% Articulated Trucks	0	0	0	0	0	0	0.3	1.1	0	0.5	0	0	0.3	0	0.2	0.1	0.8	0	0	0.5	0.4	

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Start Time	I-95 Ramp Southbound					Bear Tavern Road Westbound					I-95 Ramp Northbound					Bear Tavern Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	0	0	0	0	0	62	54	0	116	68	0	70	0	138	68	150	0	0	218	472
07:45 AM	0	0	0	0	0	0	63	43	0	106	63	0	68	0	131	69	138	0	0	207	444
08:00 AM	0	0	0	0	0	0	56	40	0	96	64	0	53	0	117	73	99	0	0	172	385
08:15 AM	0	0	0	0	0	0	47	35	0	82	71	0	54	0	125	78	123	0	0	201	408
Total Volume	0	0	0	0	0	0	228	172	0	400	266	0	245	0	511	288	510	0	0	798	1709
% App. Total	0	0	0	0	0	0	57	43	0		52.1	0	47.9	0		36.1	63.9	0	0		
PHF	.000	.000	.000	.000	.000	.000	.905	.796	.000	.862	.937	.000	.875	.000	.926	.923	.850	.000	.000	.915	.905
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	0	0	0	0	0	0	180	72	0	252	41	0	50	0	91	55	101	0	0	156	499
04:30 PM	0	0	0	0	0	0	161	75	0	236	46	0	35	0	81	70	109	0	0	179	496
04:45 PM	0	0	0	0	0	0	144	87	0	231	43	0	43	0	86	58	100	0	0	158	475
05:00 PM	0	0	0	0	0	0	134	62	0	196	53	0	31	0	84	85	117	0	0	202	482
Total Volume	0	0	0	0	0	0	619	296	0	915	183	0	159	0	342	268	427	0	0	695	1952
% App. Total	0	0	0	0	0	0	67.7	32.3	0		53.5	0	46.5	0		38.6	61.4	0	0		
PHF	.000	.000	.000	.000	.000	.000	.860	.851	.000	.908	.863	.000	.795	.000	.940	.788	.912	.000	.000	.860	.978



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-26  
 Site Code : 26  
 Start Date : 10/6/2015  
 Page No : 1

## Groups Printed- Cars - Trucks - Bicycles

Start Time	N Main Street Southbound					McKinley Avenue Westbound					Taylorsville Road Northbound					McKinley Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	0	21	0	0	21	0	0	0	0	0	3	32	0	0	35	18	0	9	1	28	84
06:15 AM	0	21	1	0	22	0	0	1	0	1	3	45	0	0	48	16	0	12	0	28	99
06:30 AM	1	28	3	0	32	0	0	0	0	0	3	62	0	0	65	21	0	17	0	38	135
06:45 AM	1	36	2	0	39	0	0	1	0	1	14	81	1	0	96	33	0	24	0	57	193
<b>Total</b>	<b>2</b>	<b>106</b>	<b>6</b>	<b>0</b>	<b>114</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>23</b>	<b>220</b>	<b>1</b>	<b>0</b>	<b>244</b>	<b>88</b>	<b>0</b>	<b>62</b>	<b>1</b>	<b>151</b>	<b>511</b>
07:00 AM	0	31	3	0	34	0	1	0	0	1	10	117	0	0	127	34	1	18	0	53	215
07:15 AM	0	24	2	0	26	0	0	1	0	1	13	157	0	0	170	53	0	26	0	79	276
07:30 AM	3	58	6	0	67	0	0	1	0	1	11	175	0	0	186	96	0	45	0	141	395
07:45 AM	1	53	11	0	65	0	1	2	0	3	12	201	1	0	214	82	0	31	0	113	395
<b>Total</b>	<b>4</b>	<b>166</b>	<b>22</b>	<b>0</b>	<b>192</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>46</b>	<b>650</b>	<b>1</b>	<b>0</b>	<b>697</b>	<b>265</b>	<b>1</b>	<b>120</b>	<b>0</b>	<b>386</b>	<b>1281</b>
08:00 AM	1	46	4	0	51	0	0	0	0	0	15	174	0	0	189	81	0	24	0	105	345
08:15 AM	1	57	9	0	67	1	0	2	0	3	9	143	1	0	153	74	0	12	0	86	309
08:30 AM	1	45	7	0	53	1	0	1	0	2	17	123	0	0	140	61	0	30	0	91	286
08:45 AM	0	60	9	0	69	0	2	1	0	3	8	113	0	0	121	54	0	32	0	86	279
<b>Total</b>	<b>3</b>	<b>208</b>	<b>29</b>	<b>0</b>	<b>240</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>49</b>	<b>553</b>	<b>1</b>	<b>0</b>	<b>603</b>	<b>270</b>	<b>0</b>	<b>98</b>	<b>0</b>	<b>368</b>	<b>1219</b>
09:00 AM	0	37	4	0	41	0	0	1	0	1	13	97	0	0	110	25	0	9	0	34	186
09:15 AM	0	36	8	0	44	1	0	1	0	2	13	72	0	0	85	24	0	21	0	45	176
09:30 AM	0	49	5	0	54	0	0	0	0	0	6	66	1	0	73	15	0	12	0	27	154
09:45 AM	1	36	3	0	40	0	1	1	0	2	11	61	0	0	72	17	0	16	0	33	147
<b>Total</b>	<b>1</b>	<b>158</b>	<b>20</b>	<b>0</b>	<b>179</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>43</b>	<b>296</b>	<b>1</b>	<b>0</b>	<b>340</b>	<b>81</b>	<b>0</b>	<b>58</b>	<b>0</b>	<b>139</b>	<b>663</b>
*** BREAK ***																					
04:00 PM	1	83	14	0	98	1	0	5	0	6	29	58	0	0	87	15	0	28	0	43	234
04:15 PM	0	101	13	0	114	1	0	1	0	2	27	50	3	0	80	17	0	27	0	44	240
04:30 PM	3	88	21	0	112	2	2	1	0	5	25	56	1	0	82	12	0	19	0	31	230
04:45 PM	0	110	31	0	141	0	0	1	0	1	20	66	0	0	86	5	0	23	0	28	256
<b>Total</b>	<b>4</b>	<b>382</b>	<b>79</b>	<b>0</b>	<b>465</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>14</b>	<b>101</b>	<b>230</b>	<b>4</b>	<b>0</b>	<b>335</b>	<b>49</b>	<b>0</b>	<b>97</b>	<b>0</b>	<b>146</b>	<b>960</b>
05:00 PM	4	99	23	0	126	0	0	0	0	0	20	68	0	0	88	13	1	18	0	32	246
05:15 PM	0	114	17	0	131	1	0	0	0	1	22	58	1	0	81	14	0	42	0	56	269
05:30 PM	0	100	36	0	136	1	1	2	0	4	44	53	0	0	97	14	0	24	0	38	275
05:45 PM	1	113	39	0	153	1	1	0	0	2	28	79	0	0	107	8	0	25	0	33	295
<b>Total</b>	<b>5</b>	<b>426</b>	<b>115</b>	<b>0</b>	<b>546</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>7</b>	<b>114</b>	<b>258</b>	<b>1</b>	<b>0</b>	<b>373</b>	<b>49</b>	<b>1</b>	<b>109</b>	<b>0</b>	<b>159</b>	<b>1085</b>
06:00 PM	3	89	26	0	118	0	0	0	0	0	26	58	1	0	85	11	0	20	0	31	234
06:15 PM	1	123	47	0	171	0	0	3	0	3	31	53	1	0	85	10	0	26	0	36	295

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-26  
 Site Code : 26  
 Start Date : 10/6/2015  
 Page No : 2

### Groups Printed- Cars - Trucks - Bicycles

Start Time	N Main Street Southbound					McKinley Avenue Westbound					Taylorsville Road Northbound					McKinley Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:30 PM	0	92	29	0	121	0	0	0	0	0	35	58	0	0	93	8	0	19	0	27	241
06:45 PM	0	111	38	0	149	0	0	2	0	2	30	60	1	0	91	9	0	23	0	32	274
<b>Total</b>	<b>4</b>	<b>415</b>	<b>140</b>	<b>0</b>	<b>559</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>122</b>	<b>229</b>	<b>3</b>	<b>0</b>	<b>354</b>	<b>38</b>	<b>0</b>	<b>88</b>	<b>0</b>	<b>126</b>	<b>1044</b>
<b>Grand Total</b>	<b>23</b>	<b>1861</b>	<b>411</b>	<b>0</b>	<b>2295</b>	<b>10</b>	<b>9</b>	<b>28</b>	<b>0</b>	<b>47</b>	<b>498</b>	<b>2436</b>	<b>12</b>	<b>0</b>	<b>2946</b>	<b>840</b>	<b>2</b>	<b>632</b>	<b>1</b>	<b>1475</b>	<b>6763</b>
Apprch %	1	81.1	17.9	0		21.3	19.1	59.6	0		16.9	82.7	0.4	0		56.9	0.1	42.8	0.1		
Total %	0.3	27.5	6.1	0	33.9	0.1	0.1	0.4	0	0.7	7.4	36	0.2	0	43.6	12.4	0	9.3	0	21.8	
Cars	20	1803	397	0	2220	9	8	27	0	44	474	2398	11	0	2883	827	2	604	1	1434	6581
% Cars	87	96.9	96.6	0	96.7	90	88.9	96.4	0	93.6	95.2	98.4	91.7	0	97.9	98.5	100	95.6	100	97.2	97.3
Trucks	2	57	12	0	71	1	1	0	0	2	22	28	1	0	51	12	0	26	0	38	162
% Trucks	8.7	3.1	2.9	0	3.1	10	11.1	0	0	4.3	4.4	1.1	8.3	0	1.7	1.4	0	4.1	0	2.6	2.4
Bicycles	1	1	2	0	4	0	0	1	0	1	2	10	0	0	12	1	0	2	0	3	20
% Bicycles	4.3	0.1	0.5	0	0.2	0	0	3.6	0	2.1	0.4	0.4	0	0	0.4	0.1	0	0.3	0	0.2	0.3

Start Time	N Main Street Southbound					McKinley Avenue Westbound					Taylorsville Road Northbound					McKinley Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	

Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:30 AM

07:30 AM	3	58	6	0	67	0	0	1	0	1	11	175	0	0	186	96	0	45	0	141	395
07:45 AM	1	53	11	0	65	0	1	2	0	3	12	201	1	0	214	82	0	31	0	113	395
08:00 AM	1	46	4	0	51	0	0	0	0	0	15	174	0	0	189	81	0	24	0	105	345
08:15 AM	1	57	9	0	67	1	0	2	0	3	9	143	1	0	153	74	0	12	0	86	309
<b>Total Volume</b>	<b>6</b>	<b>214</b>	<b>30</b>	<b>0</b>	<b>250</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>7</b>	<b>47</b>	<b>693</b>	<b>2</b>	<b>0</b>	<b>742</b>	<b>333</b>	<b>0</b>	<b>112</b>	<b>0</b>	<b>445</b>	<b>1444</b>
<b>% App. Total</b>	<b>2.4</b>	<b>85.6</b>	<b>12</b>	<b>0</b>		<b>14.3</b>	<b>14.3</b>	<b>71.4</b>	<b>0</b>		<b>6.3</b>	<b>93.4</b>	<b>0.3</b>	<b>0</b>		<b>74.8</b>	<b>0</b>	<b>25.2</b>	<b>0</b>		
<b>PHF</b>	<b>.500</b>	<b>.922</b>	<b>.682</b>	<b>.000</b>	<b>.933</b>	<b>.250</b>	<b>.250</b>	<b>.625</b>	<b>.000</b>	<b>.583</b>	<b>.783</b>	<b>.862</b>	<b>.500</b>	<b>.000</b>	<b>.867</b>	<b>.867</b>	<b>.000</b>	<b>.622</b>	<b>.000</b>	<b>.789</b>	<b>.914</b>

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-26  
 Site Code : 26  
 Start Date : 10/6/2015  
 Page No : 3

Start Time	N Main Street Southbound					McKinley Avenue Westbound					Taylorsville Road Northbound					McKinley Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:30 PM																					
05:30 PM	0	100	36	0	136	1	1	2	0	4	44	53	0	0	97	14	0	24	0	38	275
05:45 PM	1	113	39	0	153	1	1	0	0	2	28	79	0	0	107	8	0	25	0	33	295
06:00 PM	3	89	26	0	118	0	0	0	0	0	26	58	1	0	85	11	0	20	0	31	234
06:15 PM	1	123	47	0	171	0	0	3	0	3	31	53	1	0	85	10	0	26	0	36	295
Total Volume	5	425	148	0	578	2	2	5	0	9	129	243	2	0	374	43	0	95	0	138	1099
% App. Total	0.9	73.5	25.6	0		22.2	22.2	55.6	0		34.5	65	0.5	0		31.2	0	68.8	0		
PHF	.417	.864	.787	.000	.845	.500	.500	.417	.000	.563	.733	.769	.500	.000	.874	.768	.000	.913	.000	.908	.931

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-28  
 Site Code : 28  
 Start Date : 10/7/2015  
 Page No : 1

### Groups Printed- Cars - Trucks - Bicycles

Start Time	N Main Street Southbound					W Afton Avenue Westbound					S Main Street Northbound					E Afton Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	2	24	5	0	31	2	6	2	2	12	9	23	3	0	35	7	8	5	0	20	98
06:15 AM	3	22	6	0	31	2	5	2	3	12	10	33	4	0	47	11	13	7	2	33	123
06:30 AM	2	36	4	0	42	4	4	1	3	12	19	43	4	0	66	15	17	11	1	44	164
06:45 AM	9	54	5	0	68	7	15	7	3	32	17	59	3	0	79	19	18	15	1	53	232
<b>Total</b>	16	136	20	0	172	15	30	12	11	68	55	158	14	0	227	52	56	38	4	150	617
07:00 AM	4	44	4	0	52	4	11	17	7	39	12	84	4	0	100	29	13	10	0	52	243
07:15 AM	4	39	7	0	50	4	8	12	19	43	20	120	7	0	147	21	20	13	1	55	295
07:30 AM	12	75	10	2	99	6	26	16	11	59	17	123	12	0	152	39	15	17	2	73	383
07:45 AM	10	73	10	0	93	6	14	19	13	52	16	127	7	0	150	52	31	23	0	106	401
<b>Total</b>	30	231	31	2	294	20	59	64	50	193	65	454	30	0	549	141	79	63	3	286	1322
08:00 AM	6	54	10	0	70	3	19	13	23	58	21	122	5	0	148	47	23	19	3	92	368
08:15 AM	9	50	17	0	76	5	28	11	24	68	36	101	14	0	151	26	24	27	0	77	372
08:30 AM	13	56	16	0	85	9	27	16	16	68	24	84	8	0	116	28	25	20	1	74	343
08:45 AM	12	57	15	1	85	12	22	17	20	71	30	95	7	0	132	25	28	32	2	87	375
<b>Total</b>	40	217	58	1	316	29	96	57	83	265	111	402	34	0	547	126	100	98	6	330	1458
09:00 AM	3	38	4	0	45	8	16	8	28	60	24	80	13	0	117	16	21	34	4	75	297
09:15 AM	4	41	10	3	58	8	23	7	17	55	40	65	9	0	114	10	31	23	3	67	294
09:30 AM	8	39	8	1	56	11	18	6	30	65	17	48	9	0	74	16	30	17	12	75	270
09:45 AM	6	45	8	5	64	6	19	4	13	42	14	60	7	0	81	13	21	21	3	58	245
<b>Total</b>	21	163	30	9	223	33	76	25	88	222	95	253	38	0	386	55	103	95	22	275	1106
*** BREAK ***																					
04:00 PM	4	78	16	0	98	9	24	12	9	54	20	70	10	0	100	8	21	18	3	50	302
04:15 PM	16	91	25	4	136	11	30	8	15	64	18	46	11	1	76	16	30	26	6	78	354
04:30 PM	10	77	18	4	109	15	30	8	5	58	25	71	16	2	114	14	34	34	9	91	372
04:45 PM	14	81	27	2	124	16	33	6	2	57	21	65	8	0	94	9	51	18	4	82	357
<b>Total</b>	44	327	86	10	467	51	117	34	31	233	84	252	45	3	384	47	136	96	22	301	1385
05:00 PM	16	80	26	0	122	9	41	14	5	69	18	67	12	0	97	19	31	19	4	73	361
05:15 PM	19	94	27	0	140	9	36	14	1	60	24	54	19	0	97	12	37	29	1	79	376
05:30 PM	11	73	36	3	123	8	34	10	2	54	33	75	15	0	123	15	37	40	4	96	396
05:45 PM	16	83	25	1	125	13	29	12	6	60	15	89	14	0	118	9	60	19	4	92	395
<b>Total</b>	62	330	114	4	510	39	140	50	14	243	90	285	60	0	435	55	165	107	13	340	1528
06:00 PM	12	64	27	0	103	12	27	12	9	60	23	53	19	0	95	11	41	28	2	82	340
06:15 PM	26	98	20	2	146	10	32	14	7	63	25	52	24	0	101	13	41	27	0	81	391

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-28  
 Site Code : 28  
 Start Date : 10/7/2015  
 Page No : 2

### Groups Printed- Cars - Trucks - Bicycles

Start Time	N Main Street Southbound					W Afton Avenue Westbound					S Main Street Northbound					E Afton Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:30 PM	14	67	24	0	105	11	46	12	7	76	24	74	17	0	115	12	43	18	0	73	369
06:45 PM	20	75	23	0	118	16	33	9	3	61	29	69	10	0	108	10	20	17	0	47	334
<b>Total</b>	<b>72</b>	<b>304</b>	<b>94</b>	<b>2</b>	<b>472</b>	<b>49</b>	<b>138</b>	<b>47</b>	<b>26</b>	<b>260</b>	<b>101</b>	<b>248</b>	<b>70</b>	<b>0</b>	<b>419</b>	<b>46</b>	<b>145</b>	<b>90</b>	<b>2</b>	<b>283</b>	<b>1434</b>
<b>Grand Total</b>	<b>285</b>	<b>1708</b>	<b>433</b>	<b>28</b>	<b>2454</b>	<b>236</b>	<b>656</b>	<b>289</b>	<b>303</b>	<b>1484</b>	<b>601</b>	<b>2052</b>	<b>291</b>	<b>3</b>	<b>2947</b>	<b>522</b>	<b>784</b>	<b>587</b>	<b>72</b>	<b>1965</b>	<b>8850</b>
Apprch %	11.6	69.6	17.6	1.1		15.9	44.2	19.5	20.4		20.4	69.6	9.9	0.1		26.6	39.9	29.9	3.7		
Total %	3.2	19.3	4.9	0.3	27.7	2.7	7.4	3.3	3.4	16.8	6.8	23.2	3.3	0	33.3	5.9	8.9	6.6	0.8	22.2	
Cars	279	1639	428	28	2374	226	627	283	303	1439	589	1975	278	3	2845	515	767	570	72	1924	8582
% Cars	97.9	96	98.8	100	96.7	95.8	95.6	97.9	100	97	98	96.2	95.5	100	96.5	98.7	97.8	97.1	100	97.9	97
Trucks	5	67	5	0	77	8	7	6	0	21	9	77	7	0	93	7	13	15	0	35	226
% Trucks	1.8	3.9	1.2	0	3.1	3.4	1.1	2.1	0	1.4	1.5	3.8	2.4	0	3.2	1.3	1.7	2.6	0	1.8	2.6
Bicycles	1	2	0	0	3	2	22	0	0	24	3	0	6	0	9	0	4	2	0	6	42
% Bicycles	0.4	0.1	0	0	0.1	0.8	3.4	0	0	1.6	0.5	0	2.1	0	0.3	0	0.5	0.3	0	0.3	0.5

Start Time	N Main Street Southbound					W Afton Avenue Westbound					S Main Street Northbound					E Afton Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	

Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:30 AM

07:30 AM	12	75	10	2	99	6	26	16	11	59	17	123	12	0	152	39	15	17	2	73	383
07:45 AM	10	73	10	0	93	6	14	19	13	52	16	127	7	0	150	52	31	23	0	106	401
08:00 AM	6	54	10	0	70	3	19	13	23	58	21	122	5	0	148	47	23	19	3	92	368
08:15 AM	9	50	17	0	76	5	28	11	24	68	36	101	14	0	151	26	24	27	0	77	372
<b>Total Volume</b>	<b>37</b>	<b>252</b>	<b>47</b>	<b>2</b>	<b>338</b>	<b>20</b>	<b>87</b>	<b>59</b>	<b>71</b>	<b>237</b>	<b>90</b>	<b>473</b>	<b>38</b>	<b>0</b>	<b>601</b>	<b>164</b>	<b>93</b>	<b>86</b>	<b>5</b>	<b>348</b>	<b>1524</b>
<b>% App. Total</b>	<b>10.9</b>	<b>74.6</b>	<b>13.9</b>	<b>0.6</b>		<b>8.4</b>	<b>36.7</b>	<b>24.9</b>	<b>30</b>		<b>15</b>	<b>78.7</b>	<b>6.3</b>	<b>0</b>		<b>47.1</b>	<b>26.7</b>	<b>24.7</b>	<b>1.4</b>		
<b>PHF</b>	<b>.771</b>	<b>.840</b>	<b>.691</b>	<b>.250</b>	<b>.854</b>	<b>.833</b>	<b>.777</b>	<b>.776</b>	<b>.740</b>	<b>.871</b>	<b>.625</b>	<b>.931</b>	<b>.679</b>	<b>.000</b>	<b>.988</b>	<b>.788</b>	<b>.750</b>	<b>.796</b>	<b>.417</b>	<b>.821</b>	<b>.950</b>

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-28  
 Site Code : 28  
 Start Date : 10/7/2015  
 Page No : 3

Start Time	N Main Street Southbound					W Afton Avenue Westbound					S Main Street Northbound					E Afton Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	16	80	26	0	122	9	41	14	5	69	18	67	12	0	97	19	31	19	4	73	361
05:15 PM	19	94	27	0	140	9	36	14	1	60	24	54	19	0	97	12	37	29	1	79	376
05:30 PM	11	73	36	3	123	8	34	10	2	54	33	75	15	0	123	15	37	40	4	96	396
05:45 PM	16	83	25	1	125	13	29	12	6	60	15	89	14	0	118	9	60	19	4	92	395
Total Volume	62	330	114	4	510	39	140	50	14	243	90	285	60	0	435	55	165	107	13	340	1528
% App. Total	12.2	64.7	22.4	0.8		16	57.6	20.6	5.8		20.7	65.5	13.8	0		16.2	48.5	31.5	3.8		
PHF	.816	.878	.792	.333	.911	.750	.854	.893	.583	.880	.682	.801	.789	.000	.884	.724	.688	.669	.813	.885	.965

# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: S.R. 2071 & S.R. 2073  
Date: Tuesday, October 6, 2015  
Counter: Eric N.

File Name : Pine Grove Rd & Yardley Morrisville Rd Count  
Site Code : 30  
Start Date : 10/6/2015  
Page No : 1

Groups Printed- Cars - Heavy Vehicles - Bikes

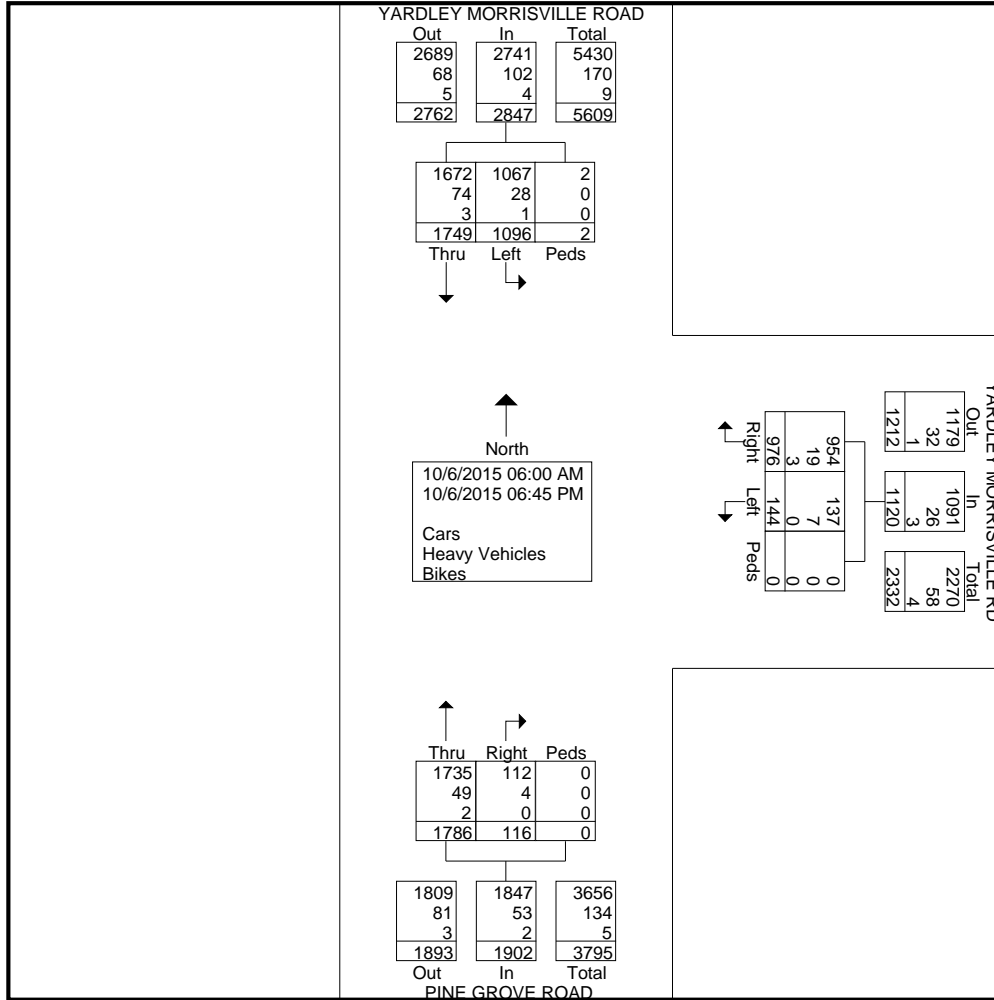
Start Time	YARDLEY MORRISVILLE ROAD Southbound				YARDLEY MORRISVILLE RD Westbound				PINE GROVE ROAD Northbound				Int. Total
	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	
06:00 AM	13	15	0	28	1	5	0	6	12	0	0	12	46
06:15 AM	11	18	0	29	3	9	0	12	19	4	0	23	64
06:30 AM	34	43	0	77	1	16	0	17	30	3	0	33	127
06:45 AM	37	60	0	97	10	22	0	32	32	2	0	34	163
Total	95	136	0	231	15	52	0	67	93	9	0	102	400
07:00 AM	47	54	0	101	3	21	0	24	44	5	0	49	174
07:15 AM	43	50	0	93	9	24	0	33	66	5	0	71	197
07:30 AM	65	56	0	121	3	35	0	38	68	6	0	74	233
07:45 AM	80	72	0	152	5	27	0	32	63	5	0	68	252
Total	235	232	0	467	20	107	0	127	241	21	0	262	856
08:00 AM	95	58	0	153	4	28	0	32	71	4	0	75	260
08:15 AM	65	52	0	117	4	57	0	61	54	7	0	61	239
08:30 AM	45	58	1	104	0	40	0	40	65	1	0	66	210
08:45 AM	53	67	0	120	4	23	0	27	84	5	0	89	236
Total	258	235	1	494	12	148	0	160	274	17	0	291	945
09:00 AM	40	63	0	103	5	34	0	39	49	4	0	53	195
09:15 AM	31	57	0	88	5	35	0	40	49	4	0	53	181
09:30 AM	28	44	0	72	1	26	0	27	36	0	0	36	135
09:45 AM	27	38	0	65	3	24	0	27	39	5	0	44	136
Total	126	202	0	328	14	119	0	133	173	13	0	186	647
*** BREAK ***													
04:00 PM	37	75	0	112	8	44	0	52	68	7	0	75	239
04:15 PM	32	78	0	110	5	41	0	46	76	2	0	78	234
04:30 PM	33	79	0	112	7	61	0	68	84	6	0	90	270
04:45 PM	48	88	0	136	8	44	0	52	82	5	0	87	275
Total	150	320	0	470	28	190	0	218	310	20	0	330	1018
05:00 PM	19	89	0	108	7	42	0	49	79	0	0	79	236
05:15 PM	44	88	0	132	7	57	0	64	93	6	0	99	295
05:30 PM	27	88	0	115	8	56	0	64	104	1	0	105	284
05:45 PM	25	80	0	105	7	39	0	46	96	3	0	99	250
Total	115	345	0	460	29	194	0	223	372	10	0	382	1065
06:00 PM	30	65	1	96	8	48	0	56	98	7	0	105	257
06:15 PM	25	79	0	104	3	43	0	46	88	9	0	97	247
06:30 PM	22	65	0	87	7	33	0	40	77	7	0	84	211
06:45 PM	40	70	0	110	8	42	0	50	60	3	0	63	223
Total	117	279	1	397	26	166	0	192	323	26	0	349	938
Grand Total	1096	1749	2	2847	144	976	0	1120	1786	116	0	1902	5869
Apprch %	38.5	61.4	0.1		12.9	87.1	0		93.9	6.1	0		
Total %	18.7	29.8	0	48.5	2.5	16.6	0	19.1	30.4	2	0	32.4	
Cars	1067	1672	2	2741	137	954	0	1091	1735	112	0	1847	5679
% Cars	97.4	95.6	100	96.3	95.1	97.7	0	97.4	97.1	96.6	0	97.1	96.8
Heavy Vehicles	28	74	0	102	7	19	0	26	49	4	0	53	181
% Heavy Vehicles	2.6	4.2	0	3.6	4.9	1.9	0	2.3	2.7	3.4	0	2.8	3.1
Bikes	1	3	0	4	0	3	0	3	2	0	0	2	9
% Bikes	0.1	0.2	0	0.1	0	0.3	0	0.3	0.1	0	0	0.1	0.2

# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: S.R. 2071 & S.R. 2073  
Date: Tuesday, October 6, 2015  
Counter: Eric N.

File Name : Pine Grove Rd & Yardley Morrisville Rd Count  
Site Code : 30  
Start Date : 10/6/2015  
Page No : 2





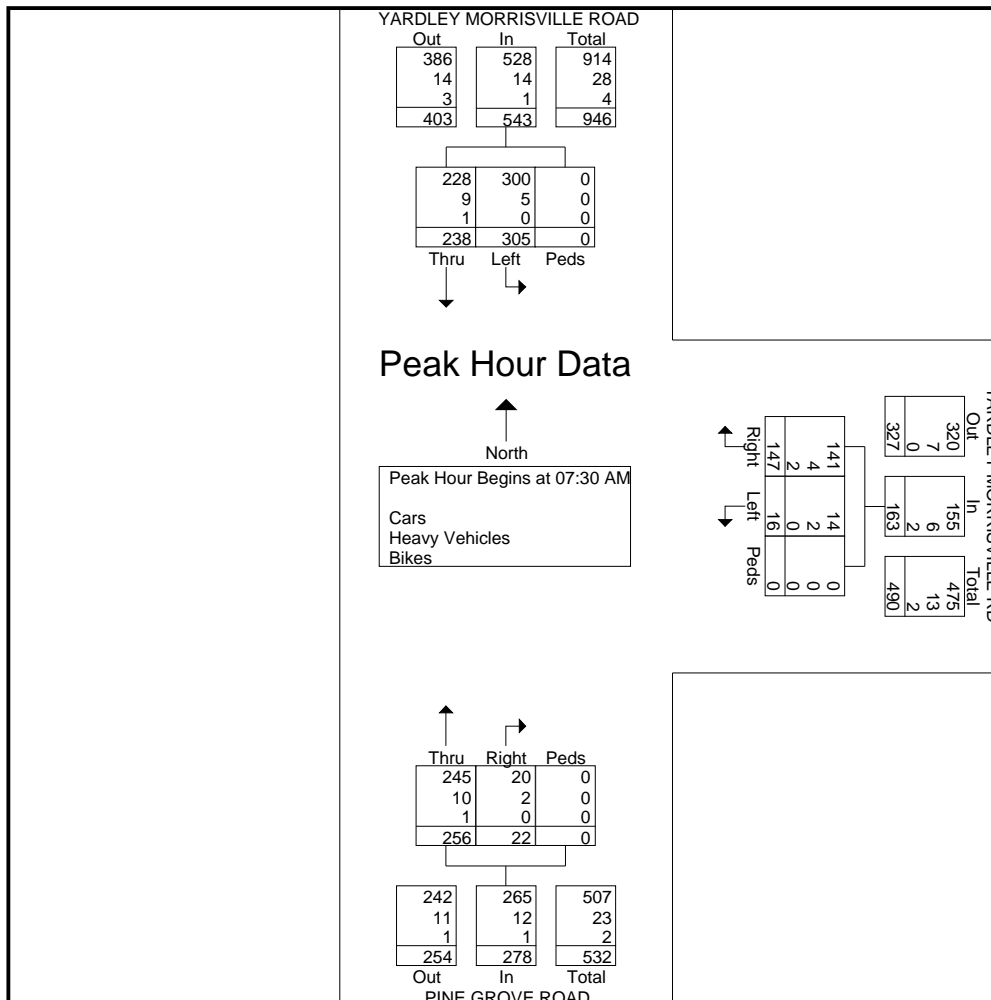
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: S.R. 2071 & S.R. 2073  
Date: Tuesday, October 6, 2015  
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File Name : Pine Grove Rd & Yardley Morrisville Rd Count  
Site Code : 30  
Start Date : 10/6/2015  
Page No : 3

Start Time	YARDLEY MORRISVILLE ROAD Southbound				YARDLEY MORRISVILLE RD Westbound				PINE GROVE ROAD Northbound				Int. Total
	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:30 AM													
07:30 AM	65	56	0	121	3	35	0	38	68	6	0	74	233
07:45 AM	80	72	0	152	5	27	0	32	63	5	0	68	252
08:00 AM	95	58	0	153	4	28	0	32	71	4	0	75	260
08:15 AM	65	52	0	117	4	57	0	61	54	7	0	61	239
Total Volume	305	238	0	543	16	147	0	163	256	22	0	278	984
% App. Total	56.2	43.8	0		9.8	90.2	0		92.1	7.9	0		
PHF	.803	.826	.000	.887	.800	.645	.000	.668	.901	.786	.000	.927	.946
Cars	300	228	0	528	14	141	0	155	245	20	0	265	948
% Cars	98.4	95.8	0	97.2	87.5	95.9	0	95.1	95.7	90.9	0	95.3	96.3
Heavy Vehicles	5	9	0	14	2	4	0	6	10	2	0	12	32
% Heavy Vehicles	1.6	3.8	0	2.6	12.5	2.7	0	3.7	3.9	9.1	0	4.3	3.3
Bikes	0	1	0	1	0	2	0	2	1	0	0	1	4
% Bikes	0	0.4	0	0.2	0	1.4	0	1.2	0.4	0	0	0.4	0.4



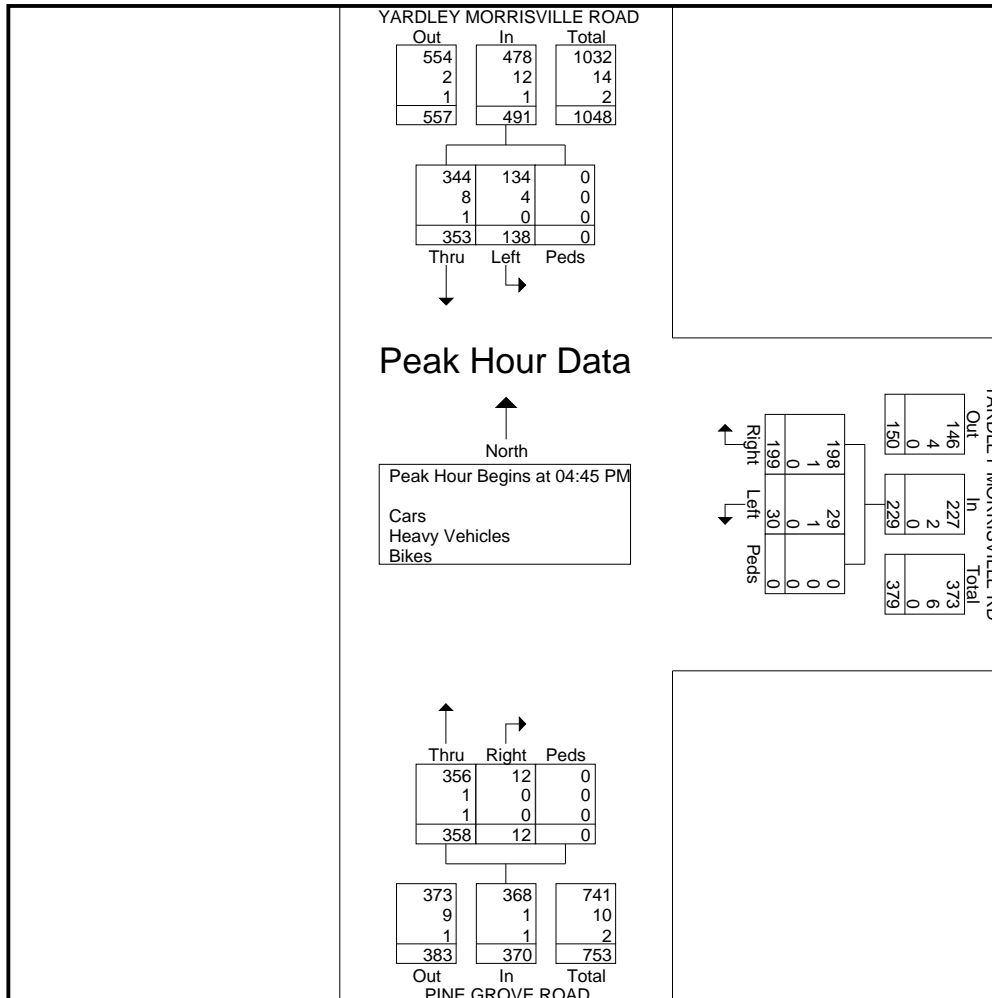
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: S.R. 2071 & S.R. 2073  
Date: Tuesday, October 6, 2015  
Counter: Eric N.

File Name : Pine Grove Rd & Yardley Morrisville Rd Count  
Site Code : 30  
Start Date : 10/6/2015  
Page No : 4

Start Time	YARDLEY MORRISVILLE ROAD Southbound			YARDLEY MORRISVILLE RD Westbound				PINE GROVE ROAD Northbound				Int. Total	
	Left	Thru	Peds	App. Total	Left	Right	Peds	App. Total	Thru	Right	Peds		App. Total
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 04:45 PM													
04:45 PM	48	88	0	136	8	44	0	52	82	5	0	87	275
05:00 PM	19	89	0	108	7	42	0	49	79	0	0	79	236
05:15 PM	44	88	0	132	7	57	0	64	93	6	0	99	295
05:30 PM	27	88	0	115	8	56	0	64	104	1	0	105	284
Total Volume	138	353	0	491	30	199	0	229	358	12	0	370	1090
% App. Total	28.1	71.9	0		13.1	86.9	0		96.8	3.2	0		
PHF	.719	.992	.000	.903	.938	.873	.000	.895	.861	.500	.000	.881	.924
Cars	134	344	0	478	29	198	0	227	356	12	0	368	1073
% Cars	97.1	97.5	0	97.4	96.7	99.5	0	99.1	99.4	100	0	99.5	98.4
Heavy Vehicles	4	8	0	12	1	1	0	2	1	0	0	1	15
% Heavy Vehicles	2.9	2.3	0	2.4	3.3	0.5	0	0.9	0.3	0	0	0.3	1.4
Bikes	0	1	0	1	0	0	0	0	1	0	0	1	2
% Bikes	0	0.3	0	0.2	0	0	0	0	0.3	0	0	0.3	0.2



# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pine Grove Rd & Big Oak Rd  
Date: Wednesday, October 7, 2015  
Counter: Shannon

File Name : Pine Grove Rd & Big Oak Rd Count  
Site Code : 32  
Start Date : 10/7/2015  
Page No : 1

Groups Printed- Cars - Heavy Vehicles - Bikes

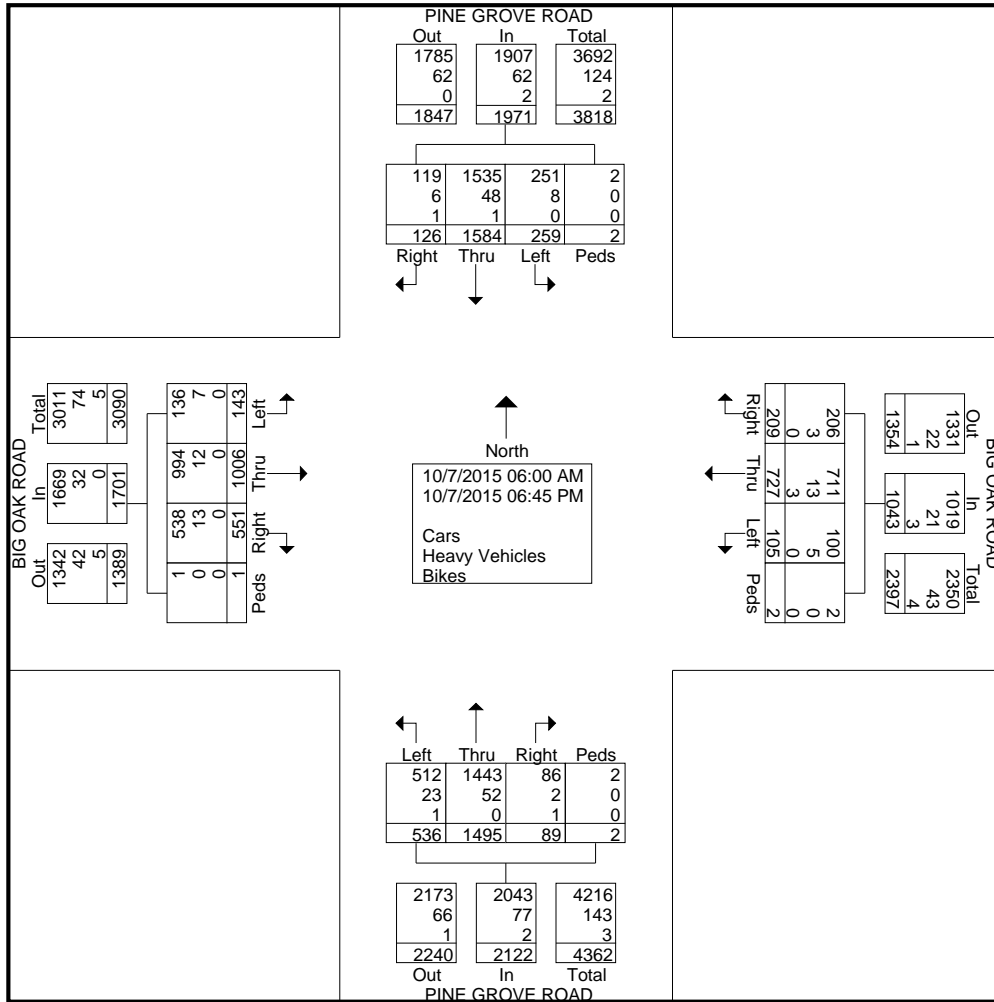
Start Time	PINE GROVE ROAD Southbound					BIG OAK ROAD Westbound					PINE GROVE ROAD Northbound					BIG OAK ROAD Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	1	28	3	0	32	0	6	2	0	8	6	8	0	0	14	4	6	9	1	20	74
06:15 AM	3	20	0	0	23	1	6	4	0	11	4	23	0	0	27	4	15	15	0	34	95
06:30 AM	3	37	4	0	44	2	8	2	0	12	2	17	0	0	19	1	22	10	0	33	108
06:45 AM	4	66	3	0	73	9	13	2	0	24	6	27	1	0	34	3	33	22	0	58	189
<b>Total</b>	11	151	10	0	172	12	33	10	0	55	18	75	1	0	94	12	76	56	1	145	466
07:00 AM	3	66	4	0	73	6	15	7	0	28	6	33	1	0	40	5	55	28	0	88	229
07:15 AM	8	41	2	0	51	5	13	7	0	25	9	52	4	0	65	3	50	14	0	67	208
07:30 AM	11	62	6	0	79	4	24	3	0	31	30	61	1	0	92	4	44	27	0	75	277
07:45 AM	9	68	4	0	81	2	21	5	0	28	26	51	5	1	83	5	47	27	0	79	271
<b>Total</b>	31	237	16	0	284	17	73	22	0	112	71	197	11	1	280	17	196	96	0	309	985
08:00 AM	11	57	3	0	71	4	13	7	0	24	8	64	2	0	74	11	70	29	0	110	279
08:15 AM	13	57	4	0	74	1	20	3	0	24	8	79	2	0	89	9	49	17	0	75	262
08:30 AM	11	54	2	0	67	4	17	7	0	28	9	59	1	0	69	4	40	31	0	75	239
08:45 AM	17	65	4	0	86	3	20	9	0	32	10	43	4	0	57	2	58	23	0	83	258
<b>Total</b>	52	233	13	0	298	12	70	26	0	108	35	245	9	0	289	26	217	100	0	343	1038
09:00 AM	17	48	5	0	70	5	24	11	0	40	9	38	3	0	50	4	43	14	0	61	221
09:15 AM	10	40	3	0	53	5	25	5	0	35	8	38	2	0	48	3	32	7	0	42	178
09:30 AM	12	47	5	0	64	0	16	8	0	24	8	35	3	0	46	3	22	10	0	35	169
09:45 AM	8	35	3	0	46	2	13	6	0	21	14	32	1	0	47	1	20	11	0	32	146
<b>Total</b>	47	170	16	0	233	12	78	30	0	120	39	143	9	0	191	11	117	42	0	170	714
*** BREAK ***																					
04:00 PM	11	55	7	0	73	4	45	9	0	58	37	57	4	0	98	5	30	24	0	59	288
04:15 PM	5	77	10	0	92	5	35	11	0	51	45	63	0	0	108	2	27	27	0	56	307
04:30 PM	11	76	6	0	93	5	44	11	0	60	22	76	5	0	103	2	34	22	0	58	314
04:45 PM	8	73	5	0	86	7	36	7	0	50	28	72	4	0	104	10	35	26	0	71	311
<b>Total</b>	35	281	28	0	344	21	160	38	0	219	132	268	13	0	413	19	126	99	0	244	1220
05:00 PM	16	70	7	0	93	9	54	9	0	72	34	63	7	0	104	6	29	19	0	54	323
05:15 PM	16	69	8	1	94	4	38	16	1	59	34	79	10	0	123	4	35	28	0	67	343
05:30 PM	5	79	5	0	89	7	36	10	0	53	33	81	2	0	116	10	30	22	0	62	320
05:45 PM	6	68	6	1	81	3	40	8	1	52	28	65	5	1	99	9	47	19	0	75	307
<b>Total</b>	43	286	26	2	357	23	168	43	2	236	129	288	24	1	442	29	141	88	0	258	1293
06:00 PM	9	58	6	0	73	0	36	8	0	44	34	63	3	0	100	4	35	18	0	57	274
06:15 PM	12	53	5	0	70	2	32	10	0	44	32	63	10	0	105	7	41	14	0	62	281
06:30 PM	8	47	3	0	58	3	52	8	0	63	22	81	6	0	109	8	31	14	0	53	283
06:45 PM	11	68	3	0	82	3	25	14	0	42	24	72	3	0	99	10	26	24	0	60	283
<b>Total</b>	40	226	17	0	283	8	145	40	0	193	112	279	22	0	413	29	133	70	0	232	1121
<b>Grand Total</b>	259	1584	126	2	1971	105	727	209	2	1043	536	1495	89	2	2122	143	1006	551	1	1701	6837
<b>Apprch %</b>	13.1	80.4	6.4	0.1		10.1	69.7	20	0.2		25.3	70.5	4.2	0.1		8.4	59.1	32.4	0.1		
<b>Total %</b>	3.8	23.2	1.8	0	28.8	1.5	10.6	3.1	0	15.3	7.8	21.9	1.3	0	31	2.1	14.7	8.1	0	24.9	
<b>Cars</b>	251	1535	119	2	1907	100	711	206	2	1019	512	1443	86	2	2043	136	994	538	1	1669	6638
<b>% Cars</b>	96.9	96.9	94.4	100	96.8	95.2	97.8	98.6	100	97.7	95.5	96.5	96.6	100	96.3	95.1	98.8	97.6	100	98.1	97.1
<b>Heavy Vehicles</b>	8	48	6	0	62	5	13	3	0	21	23	52	2	0	77	7	12	13	0	32	192
<b>% Heavy Vehicles</b>	3.1	3	4.8	0	3.1	4.8	1.8	1.4	0	2	4.3	3.5	2.2	0	3.6	4.9	1.2	2.4	0	1.9	2.8
<b>Bikes</b>	0	1	1	0	2	0	3	0	0	3	1	0	1	0	2	0	0	0	0	0	7
<b>% Bikes</b>	0	0.1	0.8	0	0.1	0	0.4	0	0	0.3	0.2	0	1.1	0	0.1	0	0	0	0	0	0.1

# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pine Grove Rd & Big Oak Rd  
Date: Wednesday, October 7, 2015  
Counter: Shannon

File Name : Pine Grove Rd & Big Oak Rd Count  
Site Code : 32  
Start Date : 10/7/2015  
Page No : 2



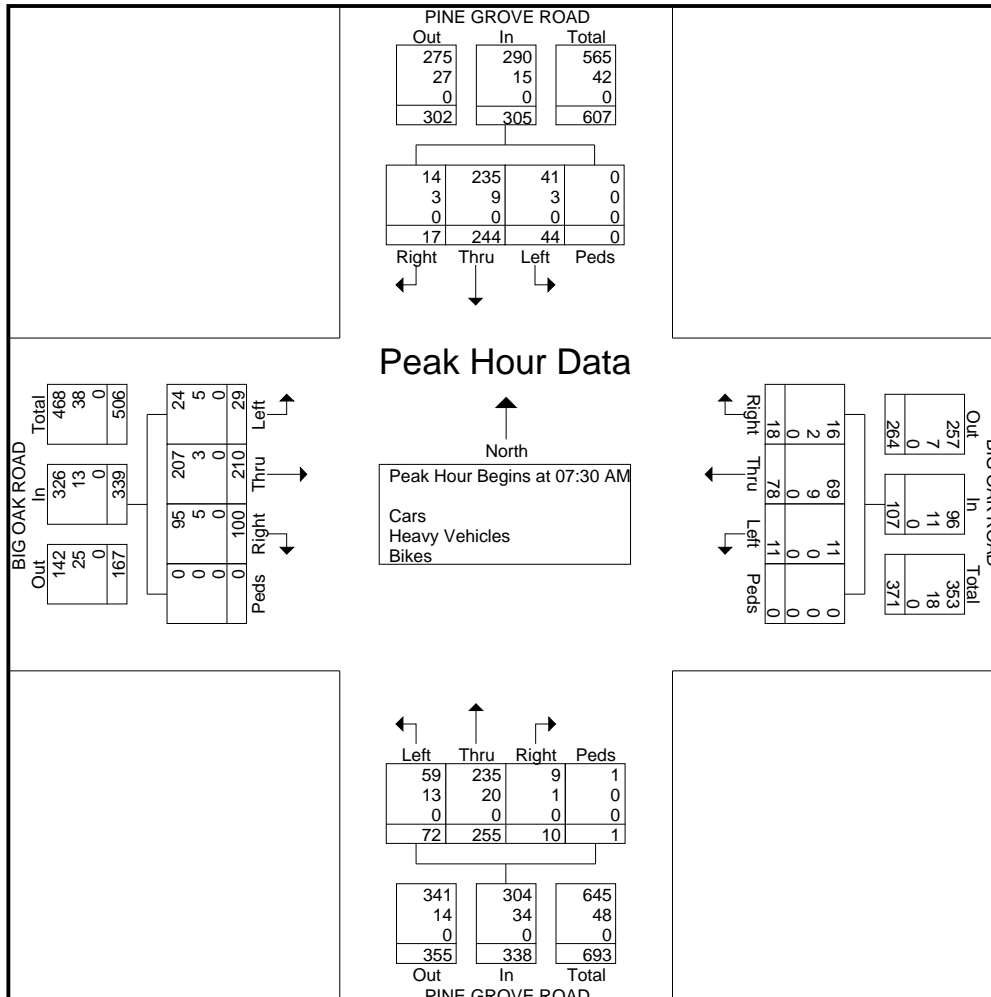
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pine Grove Rd & Big Oak Rd  
Date: Wednesday, October 7, 2015  
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File Name : Pine Grove Rd & Big Oak Rd Count  
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Page No : 3

Start Time	PINE GROVE ROAD Southbound					BIG OAK ROAD Westbound					PINE GROVE ROAD Northbound					BIG OAK ROAD Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	11	62	6	0	79	4	24	3	0	31	30	61	1	0	92	4	44	27	0	75	277
07:45 AM	9	68	4	0	81	2	21	5	0	28	26	51	5	1	83	5	47	27	0	79	271
08:00 AM	11	57	3	0	71	4	13	7	0	24	8	64	2	0	74	11	70	29	0	110	279
08:15 AM	13	57	4	0	74	1	20	3	0	24	8	79	2	0	89	9	49	17	0	75	262
Total Volume	44	244	17	0	305	11	78	18	0	107	72	255	10	1	338	29	210	100	0	339	1089
% App. Total	14.4	80	5.6	0		10.3	72.9	16.8	0		21.3	75.4	3	0.3		8.6	61.9	29.5	0		
PHF	.846	.897	.708	.000	.941	.688	.813	.643	.000	.863	.600	.807	.500	.250	.918	.659	.750	.862	.000	.770	.976
Cars	41	235	14	0	290	11	69	16	0	96	59	235	9	1	304	24	207	95	0	326	1016
% Cars	93.2	96.3	82.4	0	95.1	100	88.5	88.9	0	89.7	81.9	92.2	90.0	100	89.9	82.8	98.6	95.0	0	96.2	93.3
Heavy Vehicles																					
% Heavy Vehicles	6.8	3.7	17.6	0	4.9	0	11.5	11.1	0	10.3	18.1	7.8	10.0	0	10.1	17.2	1.4	5.0	0	3.8	6.7
Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



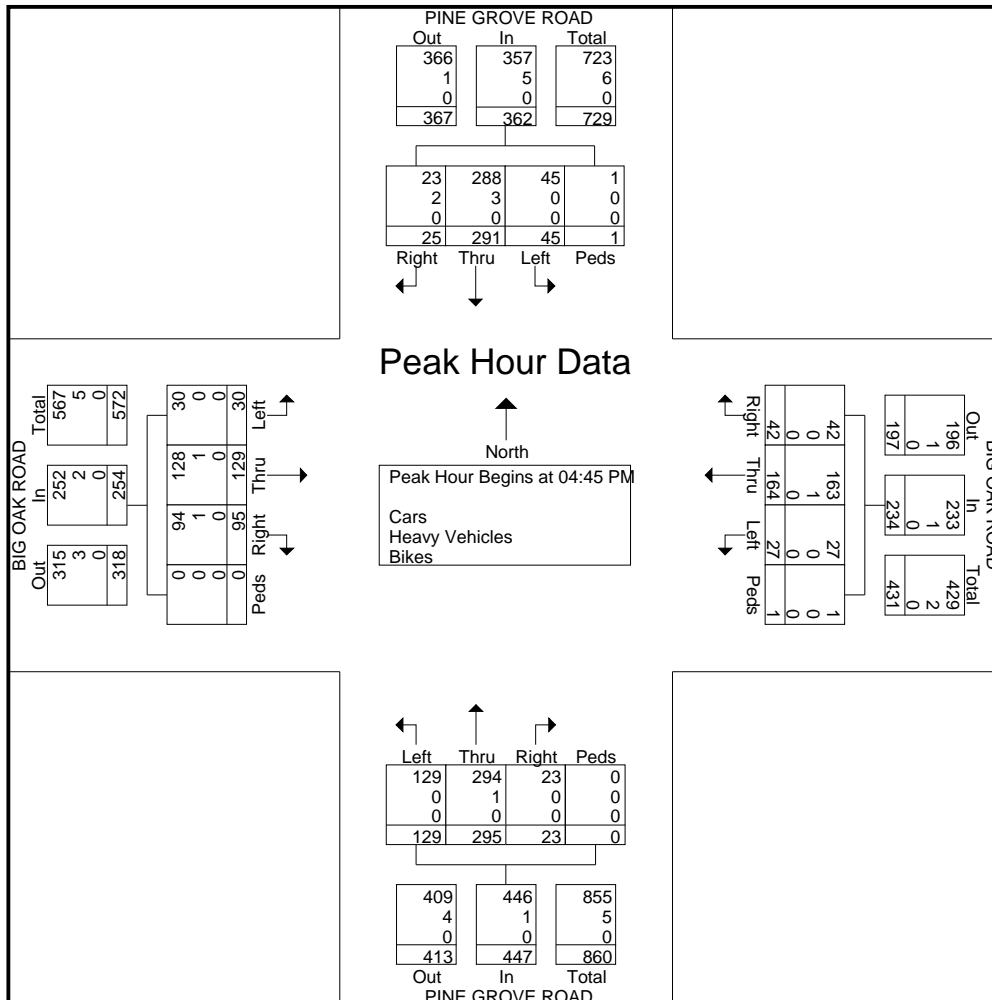
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pine Grove Rd & Big Oak Rd  
Date: Wednesday, October 7, 2015  
Counter: Shannon

File Name : Pine Grove Rd & Big Oak Rd Count  
Site Code : 32  
Start Date : 10/7/2015  
Page No : 4

Start Time	PINE GROVE ROAD Southbound					BIG OAK ROAD Westbound					PINE GROVE ROAD Northbound					BIG OAK ROAD Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	8	73	5	0	86	7	36	7	0	50	28	72	4	0	104	10	35	26	0	71	311
05:00 PM	16	70	7	0	93	9	54	9	0	72	34	63	7	0	104	6	29	19	0	54	323
05:15 PM	16	69	8	1	94	4	38	16	1	59	34	79	10	0	123	4	35	28	0	67	343
05:30 PM	5	79	5	0	89	7	36	10	0	53	33	81	2	0	116	10	30	22	0	62	320
Total Volume	45	291	25	1	362	27	164	42	1	234	129	295	23	0	447	30	129	95	0	254	1297
% App. Total	12.4	80.4	6.9	0.3		11.5	70.1	17.9	0.4		28.9	66	5.1	0		11.8	50.8	37.4	0		
PHF	.703	.921	.781	.250	.963	.750	.759	.656	.250	.813	.949	.910	.575	.000	.909	.750	.921	.848	.000	.894	.945
Cars	45	288	23	1	357	27	163	42	1	233	129	294	23	0	446	30	128	94	0	252	1288
% Cars	100	99.0	92.0	100	98.6	100	99.4	100	100	99.6	100	99.7	100	0	99.8	100	99.2	98.9	0	99.2	99.3
Heavy Vehicles																					
% Heavy Vehicles	0	1.0	8.0	0	1.4	0	0.6	0	0	0.4	0	0.3	0	0	0.2	0	0.8	1.1	0	0.8	0.7
Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pine Grove Rd & Trenton Ave  
Date: Thursday, October 8, 2015  
Counter: Eric N

File Name : Pine Grove Rd & Trenton Ave Count  
Site Code : 34  
Start Date : 10/8/2015  
Page No : 1

## Groups Printed- Cars - Heavy Vehicles - Bikes

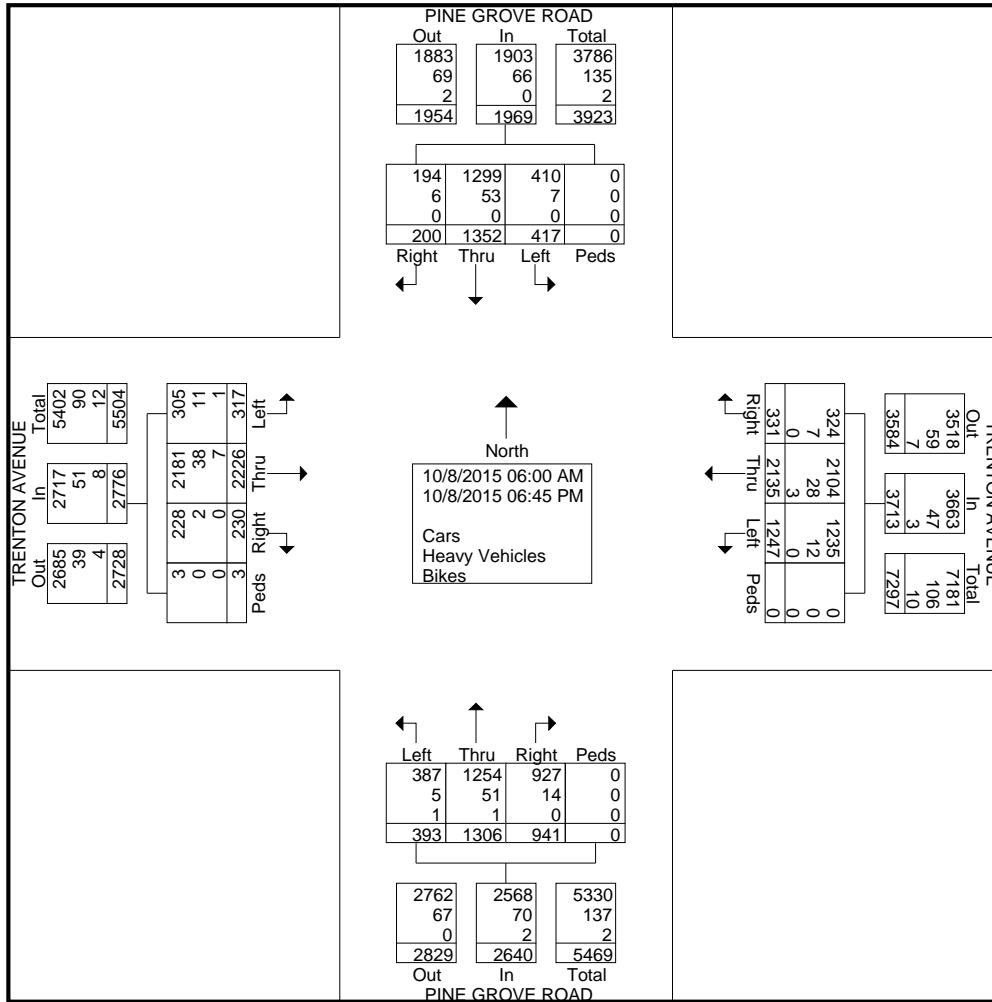
Start Time	PINE GROVE ROAD Southbound					TRENTON AVENUE Westbound					PINE GROVE ROAD Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	4	29	3	0	36	15	18	3	0	36	2	17	10	0	29	1	26	3	0	30	131
06:15 AM	7	16	1	0	24	18	16	0	0	34	3	8	28	0	39	2	42	12	0	56	153
06:30 AM	3	31	3	0	37	41	41	2	0	84	6	20	44	0	70	5	69	10	0	84	275
06:45 AM	4	68	18	0	90	27	49	2	0	78	5	24	49	0	78	4	48	9	0	61	307
Total	18	144	25	0	187	101	124	7	0	232	16	69	131	0	216	12	185	34	0	231	866
07:00 AM	5	64	11	0	80	22	43	2	0	67	9	36	49	0	94	4	64	10	0	78	319
07:15 AM	8	59	7	0	74	42	45	4	0	91	9	48	51	0	108	14	70	8	0	92	365
07:30 AM	6	60	16	0	82	29	45	1	0	75	13	54	70	0	137	16	101	10	0	127	421
07:45 AM	8	70	9	0	87	36	55	2	0	93	11	83	47	0	141	10	95	17	0	122	443
Total	27	253	43	0	323	129	188	9	0	326	42	221	217	0	480	44	330	45	0	419	1548
08:00 AM	11	64	6	0	81	24	49	2	0	75	13	53	47	0	113	17	87	14	0	118	387
08:15 AM	15	60	11	0	86	29	52	6	0	87	10	41	43	0	94	10	81	10	0	101	368
08:30 AM	11	51	7	0	69	40	67	11	0	118	5	52	22	0	79	9	81	9	0	99	365
08:45 AM	13	44	4	0	61	27	44	13	0	84	4	36	38	0	78	16	80	8	0	104	327
Total	50	219	28	0	297	120	212	32	0	364	32	182	150	0	364	52	329	41	0	422	1447
09:00 AM	14	56	8	0	78	33	39	6	0	78	1	21	36	0	58	11	66	6	0	83	297
09:15 AM	10	35	7	0	52	16	67	10	0	93	7	21	39	0	67	12	64	7	0	83	295
09:30 AM	11	29	1	0	41	24	66	11	0	101	4	20	22	0	46	11	56	4	0	71	259
09:45 AM	12	31	5	0	48	38	43	7	0	88	5	12	18	0	35	8	66	7	0	81	252
Total	47	151	21	0	219	111	215	34	0	360	17	74	115	0	206	42	252	24	0	318	1103
*** BREAK ***																					
04:00 PM	11	36	5	0	52	71	103	11	0	185	13	44	22	0	79	22	92	3	0	117	433
04:15 PM	16	56	9	0	81	77	119	25	0	221	23	57	16	0	96	17	77	3	0	97	495
04:30 PM	12	47	7	0	66	71	124	22	0	217	30	63	29	0	122	14	97	9	0	120	525
04:45 PM	33	49	7	0	89	86	106	24	0	216	35	69	29	0	133	11	93	7	1	112	550
Total	72	188	28	0	288	305	452	82	0	839	101	233	96	0	430	64	359	22	1	446	2003
05:00 PM	34	54	12	0	100	68	105	17	0	190	24	55	37	0	116	17	101	6	0	124	530
05:15 PM	38	64	4	0	106	57	152	23	0	232	29	93	34	0	156	12	101	3	0	116	610
05:30 PM	22	59	12	0	93	63	125	24	0	212	29	90	30	0	149	12	109	11	0	132	586
05:45 PM	28	38	3	0	69	60	109	19	0	188	20	85	30	0	135	10	105	17	2	134	526
Total	122	215	31	0	368	248	491	83	0	822	102	323	131	0	556	51	416	37	2	506	2252
06:00 PM	26	56	8	0	90	51	113	17	0	181	24	74	30	0	128	16	104	2	0	122	521
06:15 PM	14	40	4	0	58	83	111	27	0	221	25	51	34	0	110	16	80	13	0	109	498
06:30 PM	26	43	9	0	78	51	130	20	0	201	18	34	22	0	74	12	80	7	0	99	452
06:45 PM	15	43	3	0	61	48	99	20	0	167	16	45	15	0	76	8	91	5	0	104	408
Total	81	182	24	0	287	233	453	84	0	770	83	204	101	0	388	52	355	27	0	434	1879
Grand Total	417	1352	200	0	1969	1247	2135	331	0	3713	393	1306	941	0	2640	317	2226	230	3	2776	11098
Apprch %	21.2	68.7	10.2	0		33.6	57.5	8.9	0		14.9	49.5	35.6	0		11.4	80.2	8.3	0.1		
Total %	3.8	12.2	1.8	0	17.7	11.2	19.2	3	0	33.5	3.5	11.8	8.5	0	23.8	2.9	20.1	2.1	0	25	
Cars	410	1299	194	0	1903	1235	2104	324	0	3663	387	1254	927	0	2568	305	2181	228	3	2717	10851
% Cars	98.3	96.1	97	0	96.6	99	98.5	97.9	0	98.7	98.5	96	98.5	0	97.3	96.2	98	99.1	100	97.9	97.8
Heavy Vehicles	7	53	6	0	66	12	28	7	0	47	5	51	14	0	70	11	38	2	0	51	234
% Heavy Vehicles	1.7	3.9	3	0	3.4	1	1.3	2.1	0	1.3	1.3	3.9	1.5	0	2.7	3.5	1.7	0.9	0	1.8	2.1
Bikes	0	0	0	0	0	0	3	0	0	3	1	1	0	0	2	1	7	0	0	8	13
% Bikes	0	0	0	0	0	0	0.1	0	0	0.1	0.3	0.1	0	0	0.1	0.3	0.3	0	0	0.3	0.1

# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pine Grove Rd & Trenton Ave  
Date: Thursday, October 8, 2015  
Counter: Eric N

File Name : Pine Grove Rd & Trenton Ave Count  
Site Code : 34  
Start Date : 10/8/2015  
Page No : 2





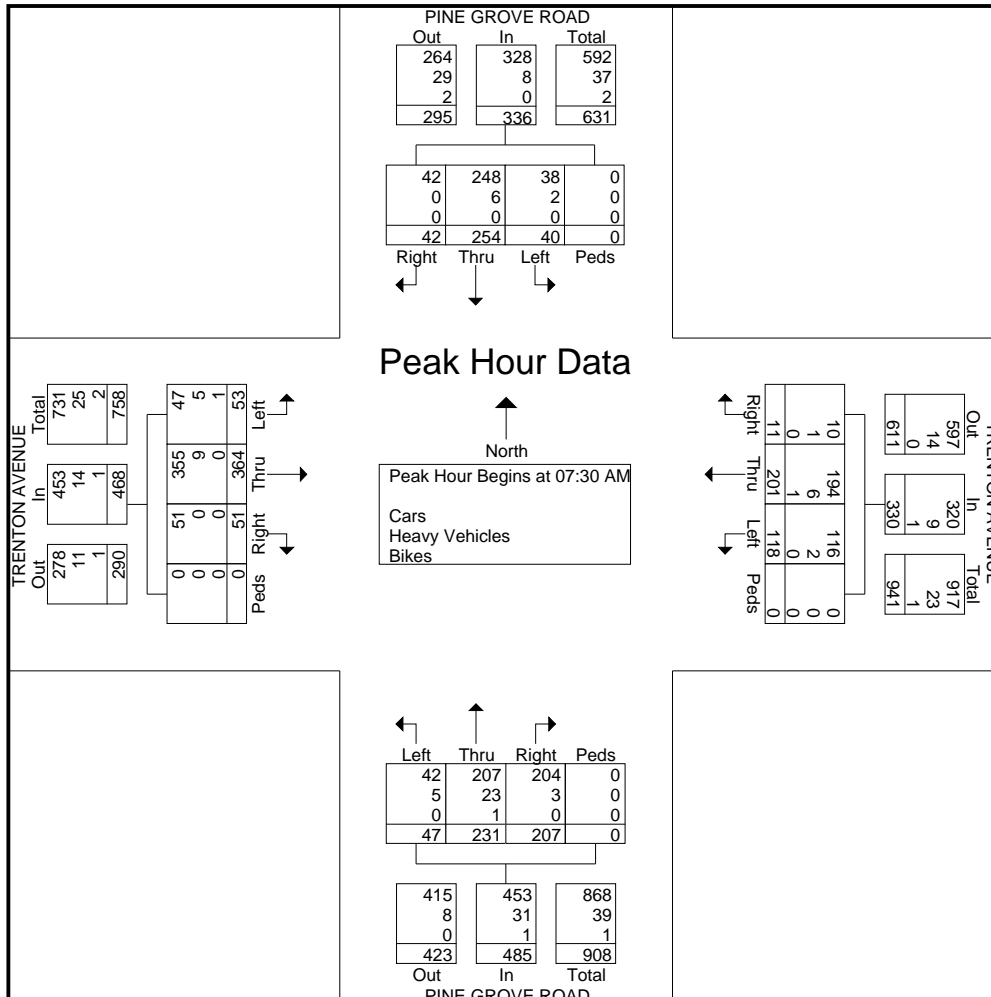
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pine Grove Rd & Trenton Ave  
Date: Thursday, October 8, 2015  
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File Name : Pine Grove Rd & Trenton Ave Count  
Site Code : 34  
Start Date : 10/8/2015  
Page No : 3

Start Time	PINE GROVE ROAD Southbound					TRENTON AVENUE Westbound					PINE GROVE ROAD Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	6	60	16	0	82	29	45	1	0	75	13	54	70	0	137	16	101	10	0	127	421
07:45 AM	8	70	9	0	87	36	55	2	0	93	11	83	47	0	141	10	95	17	0	122	443
08:00 AM	11	64	6	0	81	24	49	2	0	75	13	53	47	0	113	17	87	14	0	118	387
08:15 AM	15	60	11	0	86	29	52	6	0	87	10	41	43	0	94	10	81	10	0	101	368
Total Volume	40	254	42	0	336	118	201	11	0	330	47	231	207	0	485	53	364	51	0	468	1619
% App. Total	11.9	75.6	12.5	0		35.8	60.9	3.3	0		9.7	47.6	42.7	0		11.3	77.8	10.9	0		
PHF	.667	.907	.656	.000	.966	.819	.914	.458	.000	.887	.904	.696	.739	.000	.860	.779	.901	.750	.000	.921	.914
Cars	38	248	42	0	328	116	194	10	0	320	42	207	204	0	453	47	355	51	0	453	1554
% Cars	95.0	97.6	100	0	97.6	98.3	96.5	90.9	0	97.0	89.4	89.6	98.6	0	93.4	88.7	97.5	100	0	96.8	96.0
Heavy Vehicles																					
% Heavy Vehicles	5.0	2.4	0	0	2.4	1.7	3.0	9.1	0	2.7	10.6	10.0	1.4	0	6.4	9.4	2.5	0	0	3.0	3.8
Bikes	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	1	0	0	0	1	3
% Bikes	0	0	0	0	0	0	0.5	0	0	0.3	0	0.4	0	0	0.2	1.9	0	0	0	0.2	0.2



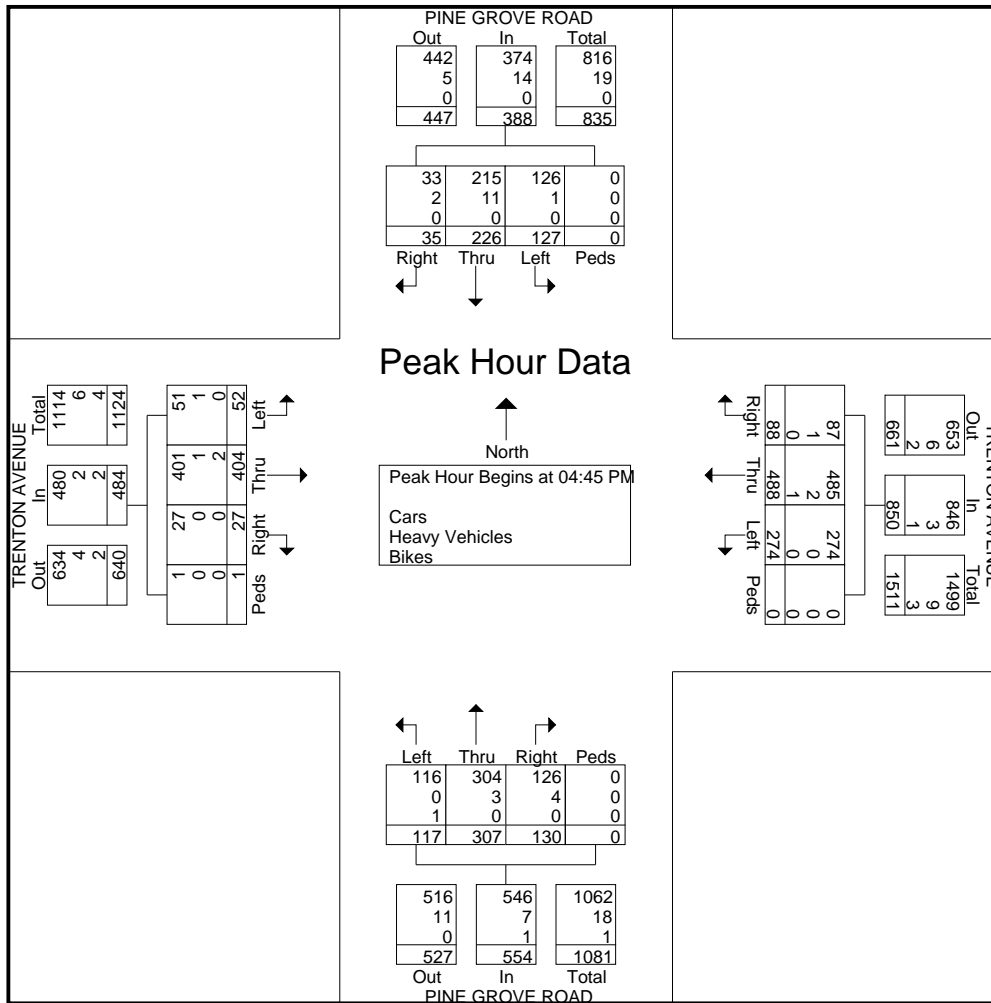
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pine Grove Rd & Trenton Ave  
Date: Thursday, October 8, 2015  
Counter: Eric N

File Name : Pine Grove Rd & Trenton Ave Count  
Site Code : 34  
Start Date : 10/8/2015  
Page No : 4

Start Time	PINE GROVE ROAD Southbound					TRENTON AVENUE Westbound					PINE GROVE ROAD Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	33	49	7	0	89	86	106	24	0	216	35	69	29	0	133	11	93	7	1	112	550
05:00 PM	34	54	12	0	100	68	105	17	0	190	24	55	37	0	116	17	101	6	0	124	530
05:15 PM	38	64	4	0	106	57	152	23	0	232	29	93	34	0	156	12	101	3	0	116	610
05:30 PM	22	59	12	0	93	63	125	24	0	212	29	90	30	0	149	12	109	11	0	132	586
Total Volume	127	226	35	0	388	274	488	88	0	850	117	307	130	0	554	52	404	27	1	484	2276
% App. Total	32.7	58.2	9	0		32.2	57.4	10.4	0		21.1	55.4	23.5	0		10.7	83.5	5.6	0.2		
PHF	.836	.883	.729	.000	.915	.797	.803	.917	.000	.916	.836	.825	.878	.000	.888	.765	.927	.614	.250	.917	.933
Cars	126	215	33	0	374	274	485	87	0	846	116	304	126	0	546	51	401	27	1	480	2246
% Cars	99.2	95.1	94.3	0	96.4	100	99.4	98.9	0	99.5	99.1	99.0	96.9	0	98.6	98.1	99.3	100	100	99.2	98.7
Heavy Vehicles																					
% Heavy Vehicles	0.8	4.9	5.7	0	3.6	0	0.4	1.1	0	0.4	0	1.0	3.1	0	1.3	1.9	0.2	0	0	0.4	1.1
Bikes	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	2	0	0	2	4
% Bikes	0	0	0	0	0	0	0.2	0	0	0.1	0.9	0	0	0	0.2	0	0.5	0	0	0.4	0.2



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-40  
 Site Code : 40  
 Start Date : 10/7/2015  
 Page No : 1

## Groups Printed- Cars - Trucks - Bicycles

Start Time	S Main Street Southbound					Westbound					S Main Street Northbound					Reading Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	0	20	7	0	27	0	0	0	0	0	2	34	0	0	36	3	0	3	0	6	69
06:15 AM	0	13	16	0	29	0	0	0	0	0	14	34	0	0	48	10	0	3	0	13	90
06:30 AM	0	39	13	0	52	0	0	0	0	0	9	52	0	0	61	10	0	10	0	20	133
06:45 AM	0	54	26	0	80	0	0	0	0	0	16	62	0	0	78	16	0	14	0	30	188
Total	0	126	62	0	188	0	0	0	0	0	41	182	0	0	223	39	0	30	0	69	480
07:00 AM	0	46	9	0	55	0	0	0	0	0	4	85	0	0	89	14	0	5	0	19	163
07:15 AM	0	50	4	0	54	0	0	0	0	0	7	141	0	0	148	20	0	10	0	30	232
07:30 AM	0	85	9	0	94	0	0	0	0	0	3	120	0	0	123	30	0	8	0	38	255
07:45 AM	0	99	13	0	112	0	0	0	0	0	5	127	0	0	132	27	0	7	0	34	278
Total	0	280	35	0	315	0	0	0	0	0	19	473	0	0	492	91	0	30	0	121	928
08:00 AM	0	66	15	0	81	0	0	0	0	0	11	122	0	0	133	22	0	11	0	33	247
08:15 AM	0	61	18	1	80	0	0	0	1	1	23	122	0	1	146	31	0	20	1	52	279
08:30 AM	0	77	13	1	91	0	0	0	0	0	8	93	0	0	101	20	0	21	0	41	233
08:45 AM	0	78	22	1	101	0	0	0	0	0	13	121	0	2	136	21	0	11	0	32	269
Total	0	282	68	3	353	0	0	0	1	1	55	458	0	3	516	94	0	63	1	158	1028
09:00 AM	0	56	16	0	72	0	0	0	0	0	6	91	0	0	97	14	0	4	1	19	188
09:15 AM	0	67	7	0	74	0	0	0	1	1	5	98	0	1	104	13	0	5	1	19	198
09:30 AM	0	62	14	0	76	0	0	0	0	0	5	56	0	0	61	17	0	9	0	26	163
09:45 AM	0	64	15	0	79	0	0	0	0	0	7	67	0	0	74	16	0	7	0	23	176
Total	0	249	52	0	301	0	0	0	1	1	23	312	0	1	336	60	0	25	2	87	725
*** BREAK ***																					
04:00 PM	0	91	12	0	103	0	0	0	0	0	6	89	0	0	95	17	0	5	0	22	220
04:15 PM	0	119	12	0	131	0	0	0	0	0	4	64	0	0	68	8	0	7	0	15	214
04:30 PM	0	102	12	1	115	0	0	0	0	0	8	106	0	0	114	12	0	4	0	16	245
04:45 PM	0	93	12	0	105	0	0	0	0	0	3	88	0	0	91	12	0	10	0	22	218
Total	0	405	48	1	454	0	0	0	0	0	21	347	0	0	368	49	0	26	0	75	897
05:00 PM	0	76	23	0	99	0	0	0	0	0	5	78	0	0	83	14	0	15	0	29	211
05:15 PM	0	106	16	0	122	0	0	0	0	0	8	90	0	1	99	10	0	12	0	22	243
05:30 PM	0	93	25	0	118	0	0	0	0	0	9	91	0	0	100	21	0	8	0	29	247
05:45 PM	0	96	24	1	121	0	1	0	0	1	16	100	0	0	116	23	0	10	1	34	272
Total	0	371	88	1	460	0	1	0	0	1	38	359	0	1	398	68	0	45	1	114	973
06:00 PM	0	89	23	1	113	0	0	0	1	1	6	80	0	0	86	20	0	8	1	29	229
06:15 PM	0	106	31	1	138	0	0	0	0	0	9	86	0	0	95	21	0	12	0	33	266

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-40  
 Site Code : 40  
 Start Date : 10/7/2015  
 Page No : 2

Groups Printed- Cars - Trucks - Bicycles

Start Time	S Main Street Southbound					Westbound					S Main Street Northbound					Reading Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:30 PM	0	60	29	0	89	0	0	0	0	0	5	91	0	0	96	28	0	16	1	45	230
06:45 PM	0	85	29	0	114	0	0	0	0	0	7	81	0	0	88	20	0	4	0	24	226
<b>Total</b>	<b>0</b>	<b>340</b>	<b>112</b>	<b>2</b>	<b>454</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>27</b>	<b>338</b>	<b>0</b>	<b>0</b>	<b>365</b>	<b>89</b>	<b>0</b>	<b>40</b>	<b>2</b>	<b>131</b>	<b>951</b>
<b>Grand Total</b>	<b>0</b>	<b>2053</b>	<b>465</b>	<b>7</b>	<b>2525</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>224</b>	<b>2469</b>	<b>0</b>	<b>5</b>	<b>2698</b>	<b>490</b>	<b>0</b>	<b>259</b>	<b>6</b>	<b>755</b>	<b>5982</b>
Apprch %	0	81.3	18.4	0.3		0	25	0	75		8.3	91.5	0	0.2		64.9	0	34.3	0.8		
Total %	0	34.3	7.8	0.1	42.2	0	0	0	0.1	0.1	3.7	41.3	0	0.1	45.1	8.2	0	4.3	0.1	12.6	
Cars	0	1962	455	7	2424	0	0	0	2	2	218	2364	0	5	2587	483	0	244	6	733	5746
% Cars	0	95.6	97.8	100	96	0	0	0	66.7	50	97.3	95.7	0	100	95.9	98.6	0	94.2	100	97.1	96.1
Trucks	0	85	7	0	92	0	0	0	0	0	6	99	0	0	105	3	0	15	0	18	215
% Trucks	0	4.1	1.5	0	3.6	0	0	0	0	0	2.7	4	0	0	3.9	0.6	0	5.8	0	2.4	3.6
Bicycles	0	6	3	0	9	0	1	0	1	2	0	6	0	0	6	4	0	0	0	4	21
% Bicycles	0	0.3	0.6	0	0.4	0	100	0	33.3	50	0	0.2	0	0	0.2	0.8	0	0	0	0.5	0.4

Start Time	S Main Street Southbound					Westbound					S Main Street Northbound					Reading Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	85	9	0	94	0	0	0	0	0	3	120	0	0	123	30	0	8	0	38	255
07:45 AM	0	99	13	0	112	0	0	0	0	0	5	127	0	0	132	27	0	7	0	34	278
08:00 AM	0	66	15	0	81	0	0	0	0	0	11	122	0	0	133	22	0	11	0	33	247
08:15 AM	0	61	18	1	80	0	0	0	1	1	23	122	0	1	146	31	0	20	1	52	279
<b>Total Volume</b>	<b>0</b>	<b>311</b>	<b>55</b>	<b>1</b>	<b>367</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>42</b>	<b>491</b>	<b>0</b>	<b>1</b>	<b>534</b>	<b>110</b>	<b>0</b>	<b>46</b>	<b>1</b>	<b>157</b>	<b>1059</b>
<b>% App. Total</b>	<b>0</b>	<b>84.7</b>	<b>15</b>	<b>0.3</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>		<b>7.9</b>	<b>91.9</b>	<b>0</b>	<b>0.2</b>		<b>70.1</b>	<b>0</b>	<b>29.3</b>	<b>0.6</b>		
<b>PHF</b>	<b>.000</b>	<b>.785</b>	<b>.764</b>	<b>.250</b>	<b>.819</b>	<b>.000</b>	<b>.000</b>	<b>.000</b>	<b>.250</b>	<b>.250</b>	<b>.457</b>	<b>.967</b>	<b>.000</b>	<b>.250</b>	<b>.914</b>	<b>.887</b>	<b>.000</b>	<b>.575</b>	<b>.250</b>	<b>.755</b>	<b>.949</b>

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-40  
 Site Code : 40  
 Start Date : 10/7/2015  
 Page No : 3

Start Time	S Main Street Southbound					Westbound					S Main Street Northbound					Reading Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:30 PM																					
05:30 PM	0	93	25	0	118	0	0	0	0	0	9	91	0	0	100	21	0	8	0	29	247
05:45 PM	0	96	24	1	121	0	1	0	0	1	16	100	0	0	116	23	0	10	1	34	272
06:00 PM	0	89	23	1	113	0	0	0	1	1	6	80	0	0	86	20	0	8	1	29	229
06:15 PM	0	106	31	1	138	0	0	0	0	0	9	86	0	0	95	21	0	12	0	33	266
Total Volume	0	384	103	3	490	0	1	0	1	2	40	357	0	0	397	85	0	38	2	125	1014
% App. Total	0	78.4	21	0.6		0	50	0	50		10.1	89.9	0	0		68	0	30.4	1.6		
PHF	.000	.906	.831	.750	.888	.000	.250	.000	.250	.500	.625	.893	.000	.000	.856	.924	.000	.792	.500	.919	.932

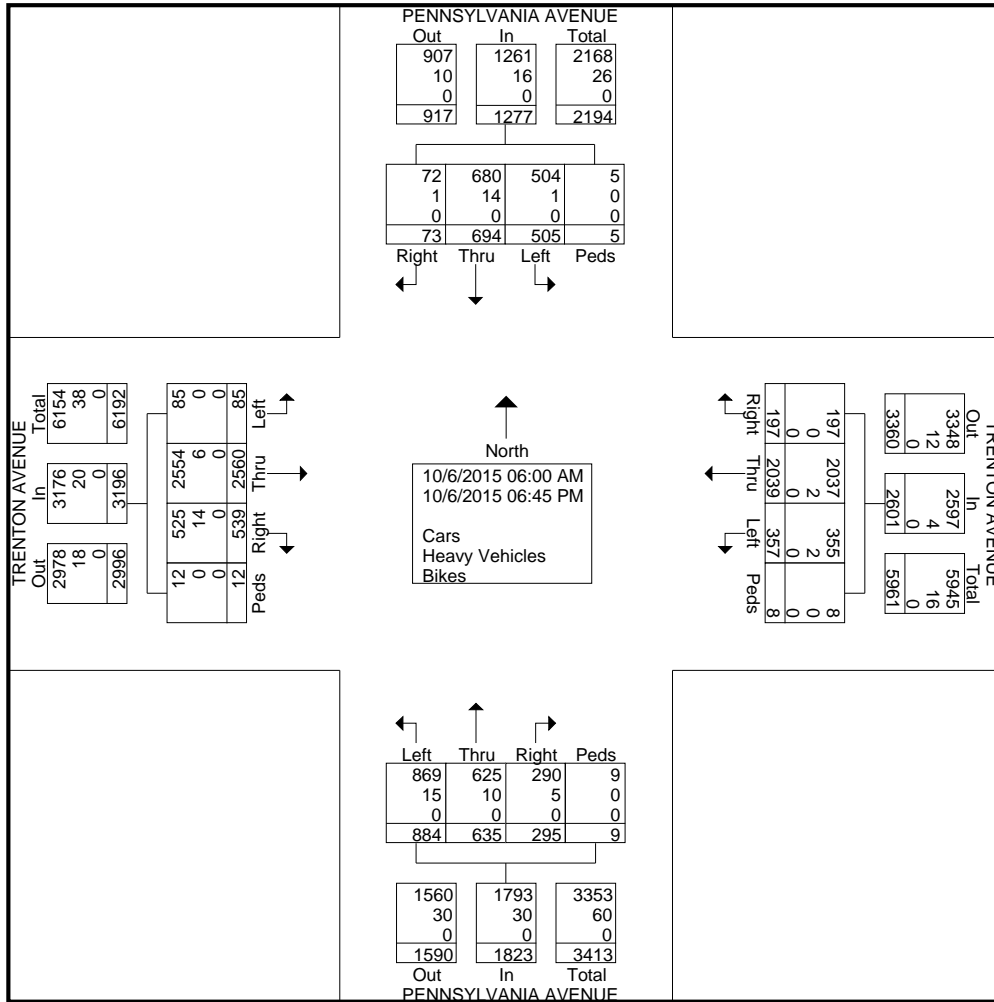


# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pennsylvania & Trenton  
Date: Tuesday, October 6, 2015  
Counter: Conor M

File Name : Pennsylvania Ave & Trenton Ave Count  
Site Code : 46  
Start Date : 10/6/2015  
Page No : 2



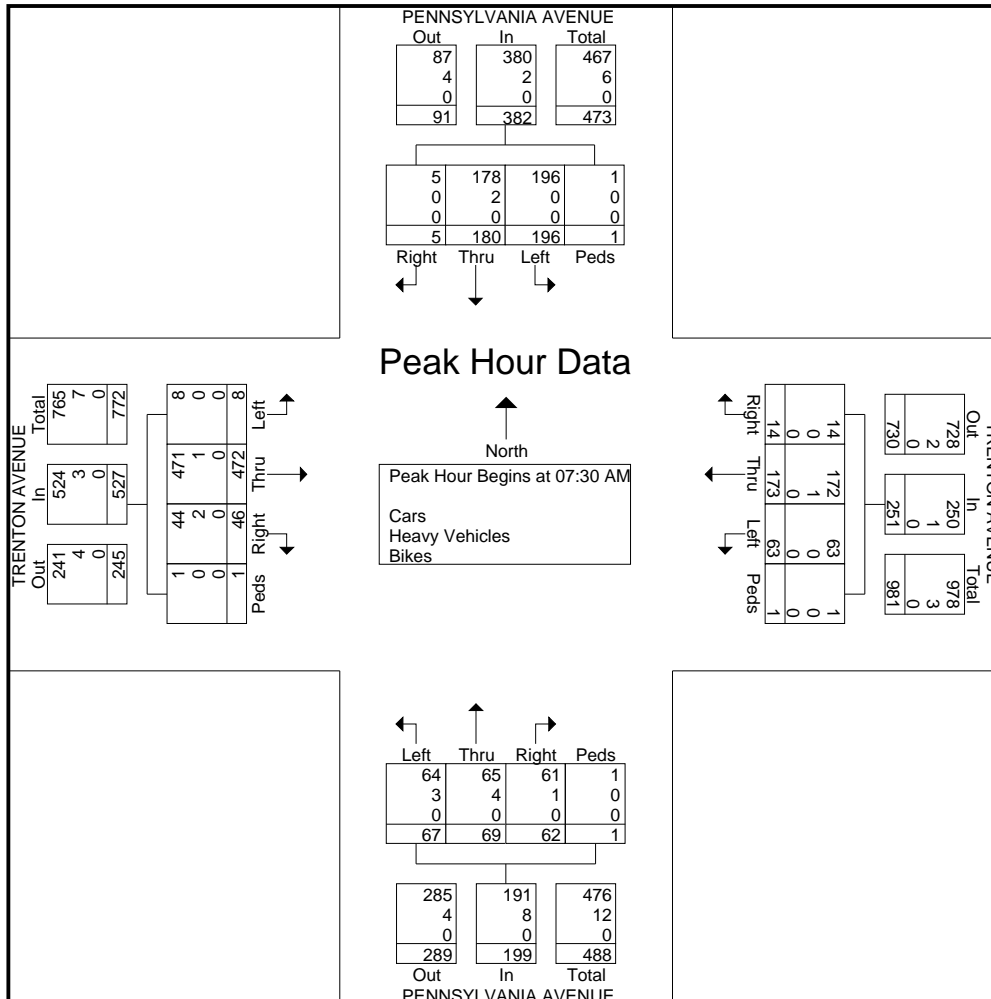
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pennsylvania & Trenton  
Date: Tuesday, October 6, 2015  
Counter: Conor M

File Name : Pennsylvania Ave & Trenton Ave Count  
Site Code : 46  
Start Date : 10/6/2015  
Page No : 3

Start Time	PENNSYLVANIA AVENUE Southbound					TRENTON AVENUE Westbound					PENNSYLVANIA AVENUE Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	46	39	0	0	85	14	39	6	0	59	22	21	18	0	61	1	147	10	0	158	363
07:45 AM	58	50	1	0	109	17	57	1	0	75	12	9	10	1	32	4	111	8	0	123	339
08:00 AM	47	43	1	1	92	14	36	6	0	56	12	11	14	0	37	2	110	14	0	126	311
08:15 AM	45	48	3	0	96	18	41	1	1	61	21	28	20	0	69	1	104	14	1	120	346
Total Volume	196	180	5	1	382	63	173	14	1	251	67	69	62	1	199	8	472	46	1	527	1359
% App. Total	51.3	47.1	1.3	0.3		25.1	68.9	5.6	0.4		33.7	34.7	31.2	0.5		1.5	89.6	8.7	0.2		
PHF	.845	.900	.417	.250	.876	.875	.759	.583	.250	.837	.761	.616	.775	.250	.721	.500	.803	.821	.250	.834	.936
Cars	196	178	5	1	380	63	172	14	1	250	64	65	61	1	191	8	471	44	1	524	1345
% Cars	100	98.9	100	100	99.5	100	99.4	100	100	99.6	95.5	94.2	98.4	100	96.0	100	99.8	95.7	100	99.4	99.0
Heavy Vehicles																					
% Heavy Vehicles	0	1.1	0	0	0.5	0	0.6	0	0	0.4	4.5	5.8	1.6	0	4.0	0	0.2	4.3	0	0.6	1.0
Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





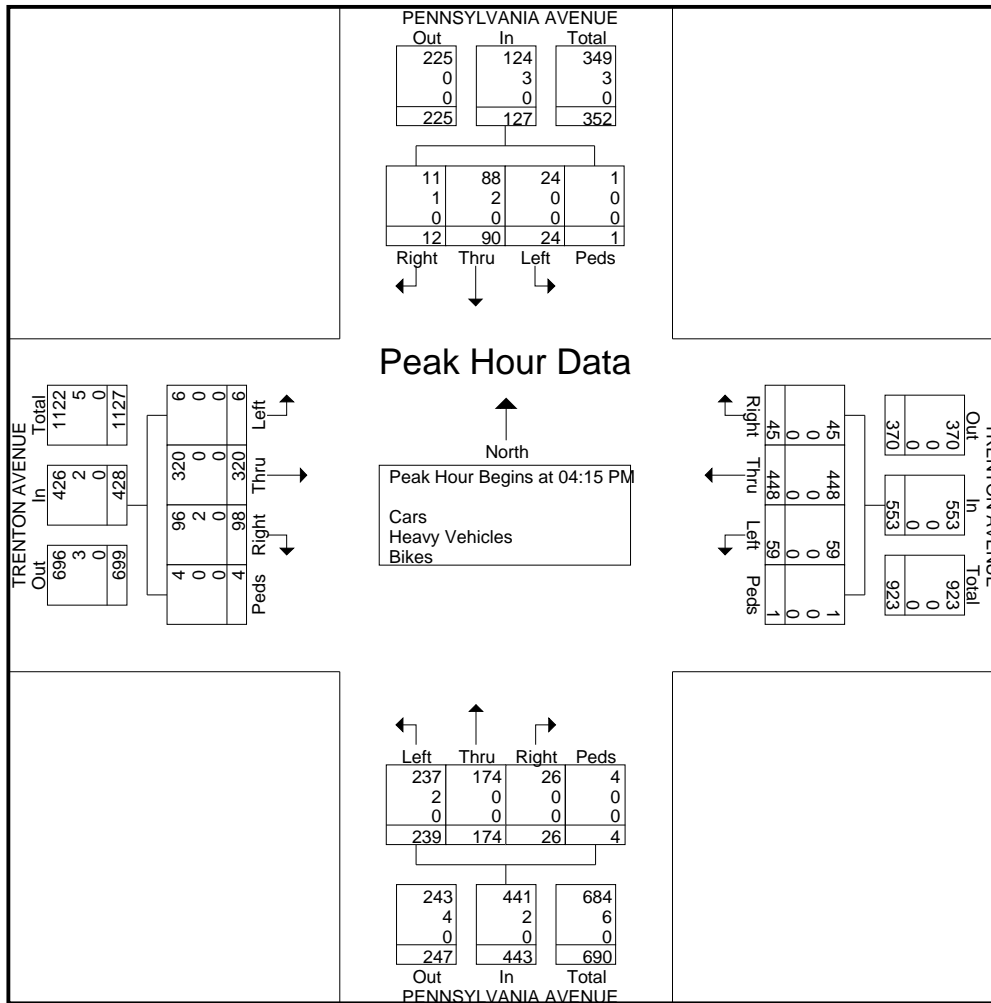
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pennsylvania & Trenton  
Date: Tuesday, October 6, 2015  
Counter: Conor M

File Name : Pennsylvania Ave & Trenton Ave Count  
Site Code : 46  
Start Date : 10/6/2015  
Page No : 4

Start Time	PENNSYLVANIA AVENUE Southbound					TRENTON AVENUE Westbound					PENNSYLVANIA AVENUE Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	9	22	2	0	33	19	131	13	0	163	68	43	5	3	119	1	76	30	2	109	424
04:30 PM	6	27	2	1	36	15	118	13	0	146	66	44	1	1	112	2	83	21	0	106	400
04:45 PM	3	22	5	0	30	9	85	7	0	101	51	40	9	0	100	1	81	16	2	100	331
05:00 PM	6	19	3	0	28	16	114	12	1	143	54	47	11	0	112	2	80	31	0	113	396
Total Volume	24	90	12	1	127	59	448	45	1	553	239	174	26	4	443	6	320	98	4	428	1551
% App. Total	18.9	70.9	9.4	0.8		10.7	81	8.1	0.2		54	39.3	5.9	0.9		1.4	74.8	22.9	0.9		
PHF	.667	.833	.600	.250	.882	.776	.855	.865	.250	.848	.879	.926	.591	.333	.931	.750	.964	.790	.500	.947	.915
Cars	24	88	11	1	124	59	448	45	1	553	237	174	26	4	441	6	320	96	4	426	1544
% Cars	100	97.8	91.7	100	97.6	100	100	100	100	100	99.2	100	100	100	99.5	100	100	98.0	100	99.5	99.5
Heavy Vehicles	0	2.2	8.3	0	2.4	0	0	0	0	0	0.8	0	0	0	0.5	0	0	2.0	0	0.5	0.5
% Heavy Vehicles	0	2.2	8.3	0	2.4	0	0	0	0	0	0.8	0	0	0	0.5	0	0	2.0	0	0.5	0.5
Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pennsylvania Ave & Bridge St  
Date: Thursday, October 8, 2015  
Counter: Kim M.

File Name : Pennsylvania Ave & Bridge St Count  
Site Code : 48  
Start Date : 10/8/2015  
Page No : 1

### Groups Printed- Cars - Heavy Vehicles - Bikes

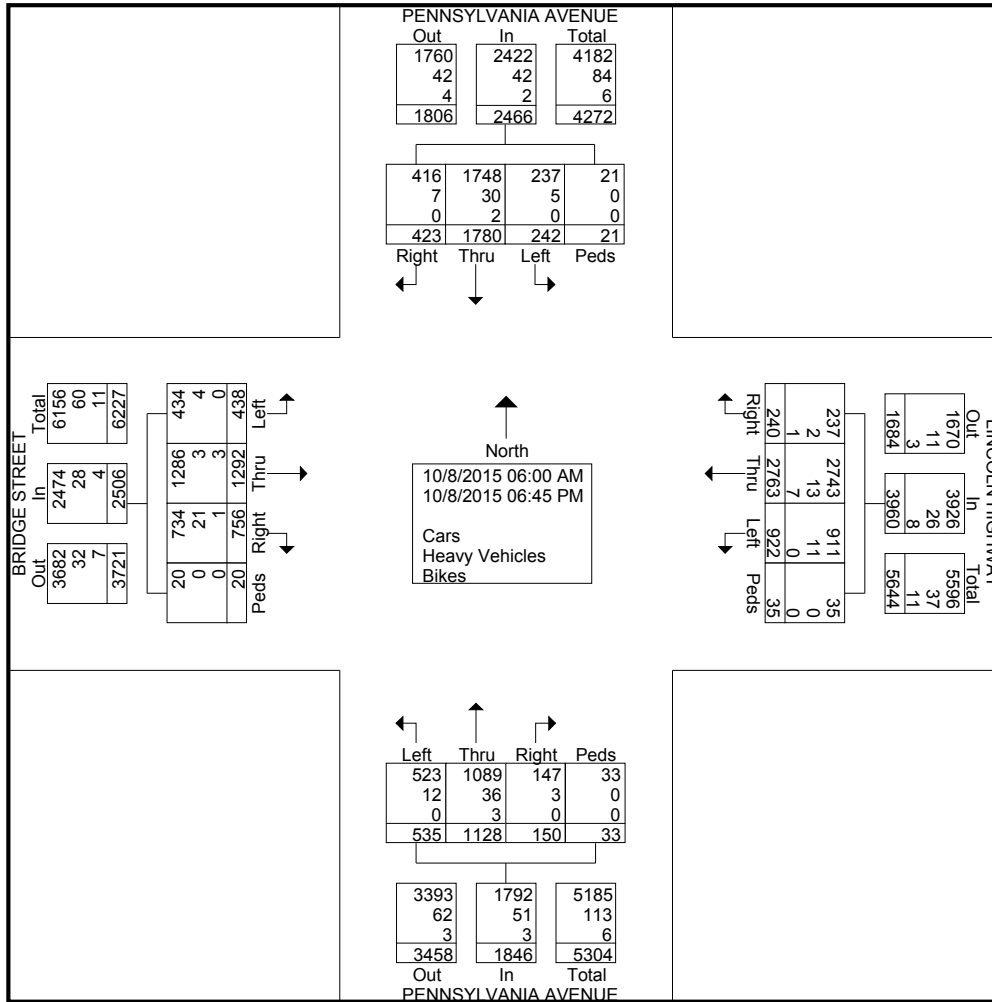
Start Time	PENNSYLVANIA AVENUE Southbound					LINCOLN HIGHWAY Westbound					PENNSYLVANIA AVENUE Northbound					BRIDGE STREET Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	4	37	6	0	47	44	51	4	0	99	6	8	4	0	18	2	6	25	0	33	197
06:15 AM	6	34	5	0	45	40	85	5	0	130	7	12	2	0	21	7	20	27	0	54	250
06:30 AM	8	62	10	0	80	52	106	4	0	162	8	11	2	0	21	5	41	29	0	75	338
06:45 AM	5	69	14	0	88	39	92	8	0	139	6	11	4	0	21	11	47	26	1	85	333
<b>Total</b>	<b>23</b>	<b>202</b>	<b>35</b>	<b>0</b>	<b>260</b>	<b>175</b>	<b>334</b>	<b>21</b>	<b>0</b>	<b>530</b>	<b>27</b>	<b>42</b>	<b>12</b>	<b>0</b>	<b>81</b>	<b>25</b>	<b>114</b>	<b>107</b>	<b>1</b>	<b>247</b>	<b>1118</b>
07:00 AM	9	64	7	0	80	33	77	3	0	113	11	14	2	1	28	10	39	20	0	69	290
07:15 AM	6	76	12	0	94	42	83	9	0	134	15	27	4	3	49	16	58	44	0	118	395
07:30 AM	9	91	14	1	115	33	94	8	2	137	17	33	6	0	56	16	81	46	1	144	452
07:45 AM	18	96	13	1	128	31	74	8	1	114	20	31	4	4	59	16	92	30	1	139	440
<b>Total</b>	<b>42</b>	<b>327</b>	<b>46</b>	<b>2</b>	<b>417</b>	<b>139</b>	<b>328</b>	<b>28</b>	<b>3</b>	<b>498</b>	<b>63</b>	<b>105</b>	<b>16</b>	<b>8</b>	<b>192</b>	<b>58</b>	<b>270</b>	<b>140</b>	<b>2</b>	<b>470</b>	<b>1577</b>
08:00 AM	18	100	13	0	131	32	66	3	1	102	21	31	0	2	54	24	88	31	0	143	430
08:15 AM	10	105	10	0	125	27	62	7	1	97	11	29	5	0	45	30	104	29	2	165	432
08:30 AM	13	73	7	0	93	23	73	7	2	105	12	27	9	2	50	17	88	24	0	129	377
08:45 AM	11	73	16	0	100	22	63	6	0	91	11	17	3	0	31	15	78	36	3	132	354
<b>Total</b>	<b>52</b>	<b>351</b>	<b>46</b>	<b>0</b>	<b>449</b>	<b>104</b>	<b>264</b>	<b>23</b>	<b>4</b>	<b>395</b>	<b>55</b>	<b>104</b>	<b>17</b>	<b>4</b>	<b>180</b>	<b>86</b>	<b>358</b>	<b>120</b>	<b>5</b>	<b>569</b>	<b>1593</b>
09:00 AM	3	65	15	0	83	28	69	11	2	110	14	24	12	0	50	16	58	23	0	97	340
09:15 AM	8	65	15	1	89	35	74	8	1	118	9	24	4	5	42	9	41	19	0	69	318
09:30 AM	6	48	13	0	67	28	59	13	0	100	8	22	6	3	39	14	20	25	0	59	265
09:45 AM	9	56	9	0	74	28	71	7	1	107	12	19	7	1	39	17	52	63	1	133	353
<b>Total</b>	<b>26</b>	<b>234</b>	<b>52</b>	<b>1</b>	<b>313</b>	<b>119</b>	<b>273</b>	<b>39</b>	<b>4</b>	<b>435</b>	<b>43</b>	<b>89</b>	<b>29</b>	<b>9</b>	<b>170</b>	<b>56</b>	<b>171</b>	<b>130</b>	<b>1</b>	<b>358</b>	<b>1276</b>
*** BREAK ***																					
04:00 PM	8	60	22	1	91	33	112	9	0	154	25	53	4	2	84	16	29	31	1	77	406
04:15 PM	6	62	22	0	90	29	133	14	5	181	33	77	9	0	119	18	25	11	0	54	444
04:30 PM	5	53	27	3	88	29	138	5	3	175	32	69	4	1	106	16	22	24	1	63	432
04:45 PM	11	64	20	4	99	25	139	11	2	177	35	87	10	0	132	10	34	18	3	65	473
<b>Total</b>	<b>30</b>	<b>239</b>	<b>91</b>	<b>8</b>	<b>368</b>	<b>116</b>	<b>522</b>	<b>39</b>	<b>10</b>	<b>687</b>	<b>125</b>	<b>286</b>	<b>27</b>	<b>3</b>	<b>441</b>	<b>60</b>	<b>110</b>	<b>84</b>	<b>5</b>	<b>259</b>	<b>1755</b>
05:00 PM	10	49	19	0	78	26	130	10	2	168	41	78	9	3	131	25	36	19	3	83	460
05:15 PM	10	52	18	0	80	28	129	15	1	173	30	79	7	0	116	14	48	18	0	80	449
05:30 PM	6	59	21	1	87	27	138	5	0	170	35	78	7	0	120	19	37	22	1	79	456
05:45 PM	9	58	22	2	91	31	115	17	3	166	33	74	4	1	112	14	25	29	0	68	437
<b>Total</b>	<b>35</b>	<b>218</b>	<b>80</b>	<b>3</b>	<b>336</b>	<b>112</b>	<b>512</b>	<b>47</b>	<b>6</b>	<b>677</b>	<b>139</b>	<b>309</b>	<b>27</b>	<b>4</b>	<b>479</b>	<b>72</b>	<b>146</b>	<b>88</b>	<b>4</b>	<b>310</b>	<b>1802</b>
06:00 PM	13	59	19	1	92	38	151	11	1	201	24	44	4	0	72	20	24	20	1	65	430
06:15 PM	8	50	21	2	81	31	140	10	1	182	25	53	6	4	88	22	35	24	0	81	432
06:30 PM	5	51	14	0	70	49	127	12	4	192	14	53	2	1	70	21	33	22	1	77	409
06:45 PM	8	49	19	4	80	39	112	10	2	163	20	43	10	0	73	18	31	21	0	70	386
<b>Total</b>	<b>34</b>	<b>209</b>	<b>73</b>	<b>7</b>	<b>323</b>	<b>157</b>	<b>530</b>	<b>43</b>	<b>8</b>	<b>738</b>	<b>83</b>	<b>193</b>	<b>22</b>	<b>5</b>	<b>303</b>	<b>81</b>	<b>123</b>	<b>87</b>	<b>2</b>	<b>293</b>	<b>1657</b>
<b>Grand Total</b>	<b>242</b>	<b>1780</b>	<b>423</b>	<b>21</b>	<b>2466</b>	<b>922</b>	<b>2763</b>	<b>240</b>	<b>35</b>	<b>3960</b>	<b>535</b>	<b>1128</b>	<b>150</b>	<b>33</b>	<b>1846</b>	<b>438</b>	<b>1292</b>	<b>756</b>	<b>20</b>	<b>2506</b>	<b>10778</b>
Apprch %	9.8	72.2	17.2	0.9		23.3	69.8	6.1	0.9		29	61.1	8.1	1.8		17.5	51.6	30.2	0.8		
Total %	2.2	16.5	3.9	0.2	22.9	8.6	25.6	2.2	0.3	36.7	5	10.5	1.4	0.3	17.1	4.1	12	7	0.2	23.3	
Cars	237	1748	416	21	2422	911	2743	237	35	3926	523	1089	147	33	1792	434	1286	734	20	2474	10614
% Cars	97.9	98.2	98.3	100	98.2	98.8	99.3	98.8	100	99.1	97.8	96.5	98	100	97.1	99.1	99.5	97.1	100	98.7	98.5
Heavy Vehicles	5	30	7	0	42	11	13	2	0	26	12	36	3	0	51	4	3	21	0	28	147
% Heavy Vehicles	2.1	1.7	1.7	0	1.7	1.2	0.5	0.8	0	0.7	2.2	3.2	2	0	2.8	0.9	0.2	2.8	0	1.1	1.4
Bikes	0	2	0	0	2	0	7	1	0	8	0	3	0	0	3	0	3	1	0	4	17
% Bikes	0	0.1	0	0	0.1	0	0.3	0.4	0	0.2	0	0.3	0	0	0.2	0	0.2	0.1	0	0.2	0.2

# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pennsylvania Ave & Bridge St  
Date: Thursday, October 8, 2015  
Counter: Kim M.

File Name : Pennsylvania Ave & Bridge St Count  
Site Code : 48  
Start Date : 10/8/2015  
Page No : 2



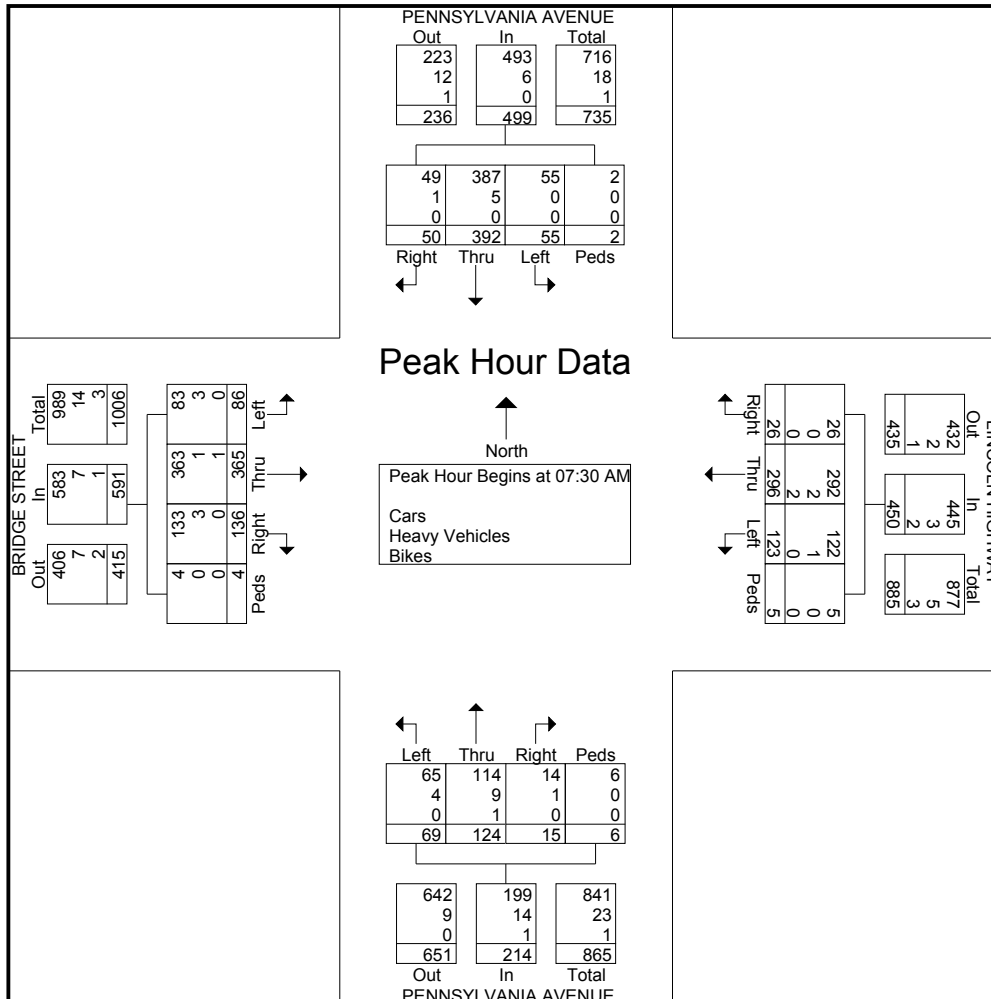
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pennsylvania Ave & Bridge St  
Date: Thursday, October 8, 2015  
Counter: Kim M.

File Name : Pennsylvania Ave & Bridge St Count  
Site Code : 48  
Start Date : 10/8/2015  
Page No : 3

Start Time	PENNSYLVANIA AVENUE Southbound					LINCOLN HIGHWAY Westbound					PENNSYLVANIA AVENUE Northbound					BRIDGE STREET Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	9	91	14	1	115	33	94	8	2	137	17	33	6	0	56	16	81	46	1	144	452
07:45 AM	18	96	13	1	128	31	74	8	1	114	20	31	4	4	59	16	92	30	1	139	440
08:00 AM	18	100	13	0	131	32	66	3	1	102	21	31	0	2	54	24	88	31	0	143	430
08:15 AM	10	105	10	0	125	27	62	7	1	97	11	29	5	0	45	30	104	29	2	165	432
Total Volume	55	392	50	2	499	123	296	26	5	450	69	124	15	6	214	86	365	136	4	591	1754
% App. Total	11	78.6	10	0.4		27.3	65.8	5.8	1.1		32.2	57.9	7	2.8		14.6	61.8	23	0.7		
PHF	.764	.933	.893	.500	.952	.932	.787	.813	.625	.821	.821	.939	.625	.375	.907	.717	.877	.739	.500	.895	.970
Cars	55	387	49	2	493	122	292	26	5	445	65	114	14	6	199	83	363	133	4	583	1720
% Cars	100	98.7	98.0	100	98.8	99.2	98.6	100	100	98.9	94.2	91.9	93.3	100	93.0	96.5	99.5	97.8	100	98.6	98.1
Heavy Vehicles																					
% Heavy Vehicles	0	1.3	2.0	0	1.2	0.8	0.7	0	0	0.7	5.8	7.3	6.7	0	6.5	3.5	0.3	2.2	0	1.2	1.7
Bikes	0	0	0	0	0	0	2	0	0	2	0	1	0	0	1	0	1	0	0	1	4
% Bikes	0	0	0	0	0	0	0.7	0	0	0.4	0	0.8	0	0	0.5	0	0.3	0	0	0.2	0.2



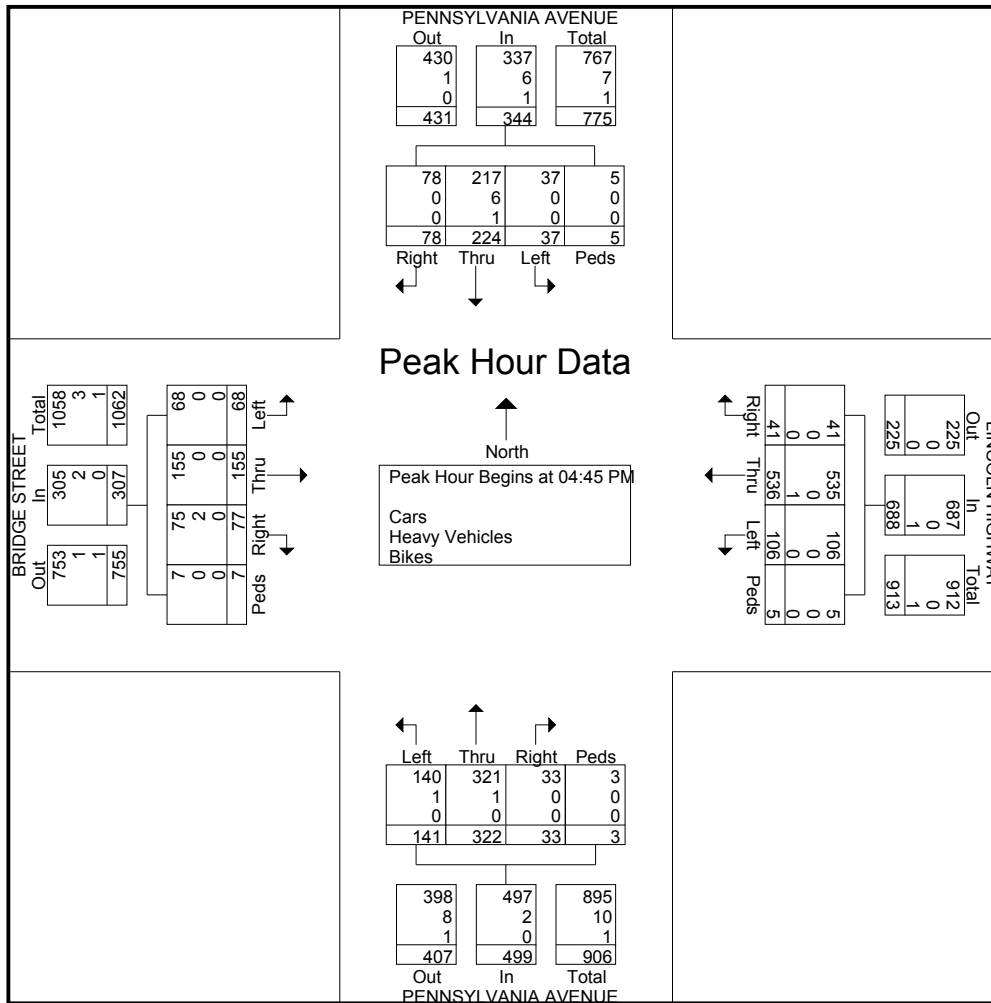
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Pennsylvania Ave & Bridge St  
Date: Thursday, October 8, 2015  
Counter: Kim M.

File Name : Pennsylvania Ave & Bridge St Count  
Site Code : 48  
Start Date : 10/8/2015  
Page No : 4

Start Time	PENNSYLVANIA AVENUE Southbound					LINCOLN HIGHWAY Westbound					PENNSYLVANIA AVENUE Northbound					BRIDGE STREET Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	11	64	20	4	99	25	139	11	2	177	35	87	10	0	132	10	34	18	3	65	473
05:00 PM	10	49	19	0	78	26	130	10	2	168	41	78	9	3	131	25	36	19	3	83	460
05:15 PM	10	52	18	0	80	28	129	15	1	173	30	79	7	0	116	14	48	18	0	80	449
05:30 PM	6	59	21	1	87	27	138	5	0	170	35	78	7	0	120	19	37	22	1	79	456
Total Volume	37	224	78	5	344	106	536	41	5	688	141	322	33	3	499	68	155	77	7	307	1838
% App. Total	10.8	65.1	22.7	1.5		15.4	77.9	6	0.7		28.3	64.5	6.6	0.6		22.1	50.5	25.1	2.3		
PHF	.841	.875	.929	.313	.869	.946	.964	.683	.625	.972	.860	.925	.825	.250	.945	.680	.807	.875	.583	.925	.971
Cars	37	217	78	5	337	106	535	41	5	687	140	321	33	3	497	68	155	75	7	305	1826
% Cars	100	96.9	100	100	98.0	100	99.8	100	100	99.9	99.3	99.7	100	100	99.6	100	100	97.4	100	99.3	99.3
Heavy Vehicles																					
% Heavy Vehicles	0	2.7	0	0	1.7	0	0	0	0	0	0.7	0.3	0	0	0.4	0	0	2.6	0	0.7	0.5
Bikes	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
% Bikes	0	0.4	0	0	0.3	0	0.2	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1



# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Trenton Ave & Big Oak Rd  
Date: Wednesday, October 7, 2015  
Counter: Matt W

File Name : Trenton Ave & Big Oak Rd Count  
Site Code : 52  
Start Date : 10/7/2015  
Page No : 1

## Groups Printed- Cars - Heavy Vehicles - Bikes

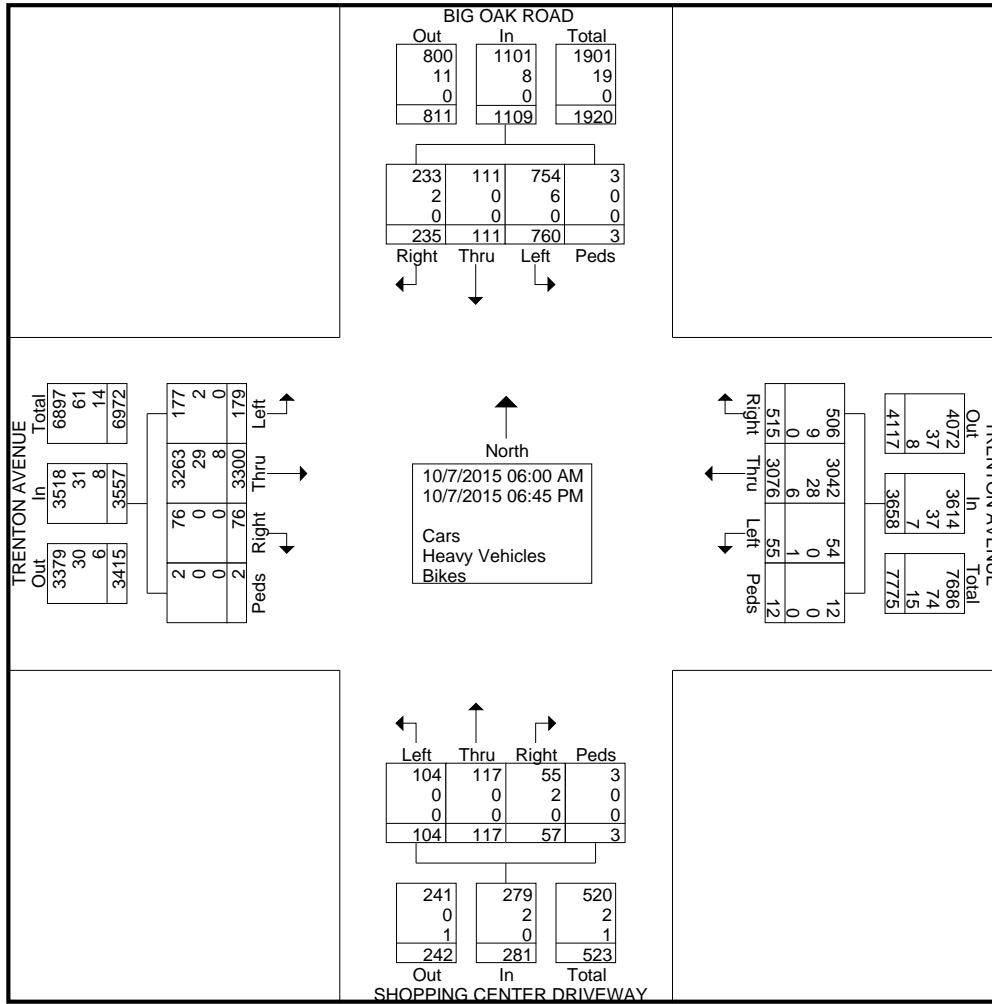
Start Time	BIG OAK ROAD Southbound					TRENTON AVENUE Westbound					SHOPPING CENTER DRIVEWAY Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	5	0	2	0	7	2	29	3	0	34	0	1	2	0	3	2	45	0	0	47	91
06:15 AM	8	3	1	0	12	3	41	6	0	50	0	2	0	0	2	0	80	0	0	80	144
06:30 AM	11	5	3	0	19	0	38	5	0	43	4	3	0	0	7	0	91	0	0	91	160
06:45 AM	26	1	9	0	36	6	56	8	0	70	6	2	2	0	10	3	87	0	0	90	206
Total	50	9	15	0	74	11	164	22	0	197	10	8	4	0	22	5	303	0	0	308	601
07:00 AM	31	5	7	0	43	1	49	11	0	61	1	4	5	0	10	4	116	1	0	121	235
07:15 AM	35	1	9	0	45	2	55	8	0	65	1	5	7	0	13	2	130	3	0	135	258
07:30 AM	22	8	5	0	35	1	59	15	0	75	1	1	5	0	7	3	132	3	0	138	255
07:45 AM	29	11	6	0	46	4	66	9	0	79	5	2	2	0	9	3	123	0	0	126	260
Total	117	25	27	0	169	8	229	43	0	280	8	12	19	0	39	12	501	7	0	520	1008
08:00 AM	37	4	11	0	52	4	66	13	0	83	1	1	3	0	5	3	121	0	0	124	264
08:15 AM	29	8	4	0	41	4	79	14	0	97	5	3	3	0	11	5	158	3	0	166	315
08:30 AM	34	5	4	0	43	3	77	18	0	98	5	3	5	0	13	4	124	6	0	134	288
08:45 AM	41	13	5	0	59	3	58	13	0	74	3	3	5	0	11	2	110	3	0	115	259
Total	141	30	24	0	195	14	280	58	0	352	14	10	16	0	40	14	513	12	0	539	1126
09:00 AM	34	6	6	1	47	2	94	13	1	110	1	6	2	1	10	3	89	1	0	93	260
09:15 AM	34	5	3	0	42	3	69	11	0	83	6	5	2	0	13	7	86	2	0	95	233
09:30 AM	20	7	9	0	36	3	87	14	1	105	3	6	4	0	13	1	86	4	0	91	245
09:45 AM	18	2	7	0	27	3	86	14	0	103	3	4	2	0	9	3	85	1	0	89	228
Total	106	20	25	1	152	11	336	52	2	401	13	21	10	1	45	14	346	8	0	368	966
*** BREAK ***																					
04:00 PM	24	3	11	0	38	1	171	29	0	201	6	6	0	0	12	9	113	6	0	128	379
04:15 PM	13	1	10	0	24	2	190	24	0	216	4	7	1	1	13	11	137	6	0	154	407
04:30 PM	35	2	13	1	51	1	179	29	1	210	7	5	2	0	14	13	142	4	0	159	434
04:45 PM	24	5	11	0	40	1	176	25	1	203	2	8	1	0	11	12	136	5	1	154	408
Total	96	11	45	1	153	5	716	107	2	830	19	26	4	1	50	45	528	21	1	595	1628
05:00 PM	30	1	16	1	48	0	154	30	1	185	3	6	1	0	10	18	120	4	1	143	386
05:15 PM	38	4	16	0	58	1	190	28	0	219	3	7	0	0	10	8	146	1	0	155	442
05:30 PM	24	1	11	0	36	0	179	31	3	213	12	6	0	0	18	11	150	2	0	163	430
05:45 PM	44	1	9	0	54	1	171	27	2	201	2	3	0	1	6	10	159	3	0	172	433
Total	136	7	52	1	196	2	694	116	6	818	20	22	1	1	44	47	575	10	1	633	1691
06:00 PM	33	2	16	0	51	1	176	32	0	209	6	8	0	0	14	6	127	2	0	135	409
06:15 PM	28	2	13	0	43	1	152	22	0	175	6	5	1	0	12	10	130	9	0	149	379
06:30 PM	30	3	15	0	48	0	170	36	1	207	4	4	2	0	10	10	134	6	0	150	415
06:45 PM	23	2	3	0	28	2	159	27	1	189	4	1	0	0	5	16	143	1	0	160	382
Total	114	9	47	0	170	4	657	117	2	780	20	18	3	0	41	42	534	18	0	594	1585
Grand Total	760	111	235	3	1109	55	3076	515	12	3658	104	117	57	3	281	179	3300	76	2	3557	8605
Apprch %	68.5	10	21.2	0.3		1.5	84.1	14.1	0.3		37	41.6	20.3	1.1		5	92.8	2.1	0.1		
Total %	8.8	1.3	2.7	0	12.9	0.6	35.7	6	0.1	42.5	1.2	1.4	0.7	0	3.3	2.1	38.3	0.9	0	41.3	
Cars	754	111	233	3	1101	54	3042	506	12	3614	104	117	55	3	279	177	3263	76	2	3518	8512
% Cars	99.2	100	99.1	100	99.3	98.2	98.9	98.3	100	98.8	100	100	96.5	100	99.3	98.9	98.9	100	100	98.9	98.9
Heavy Vehicles	6	0	2	0	8	0	28	9	0	37	0	0	2	0	2	2	29	0	0	31	78
% Heavy Vehicles	0.8	0	0.9	0	0.7	0	0.9	1.7	0	1	0	0	3.5	0	0.7	1.1	0.9	0	0	0.9	0.9
Bikes	0	0	0	0	0	1	6	0	0	7	0	0	0	0	0	0	8	0	0	8	15
% Bikes	0	0	0	0	0	1.8	0.2	0	0	0.2	0	0	0	0	0	0	0.2	0	0	0.2	0.2

# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Trenton Ave & Big Oak Rd  
Date: Wednesday, October 7, 2015  
Counter: Matt W

File Name : Trenton Ave & Big Oak Rd Count  
Site Code : 52  
Start Date : 10/7/2015  
Page No : 2



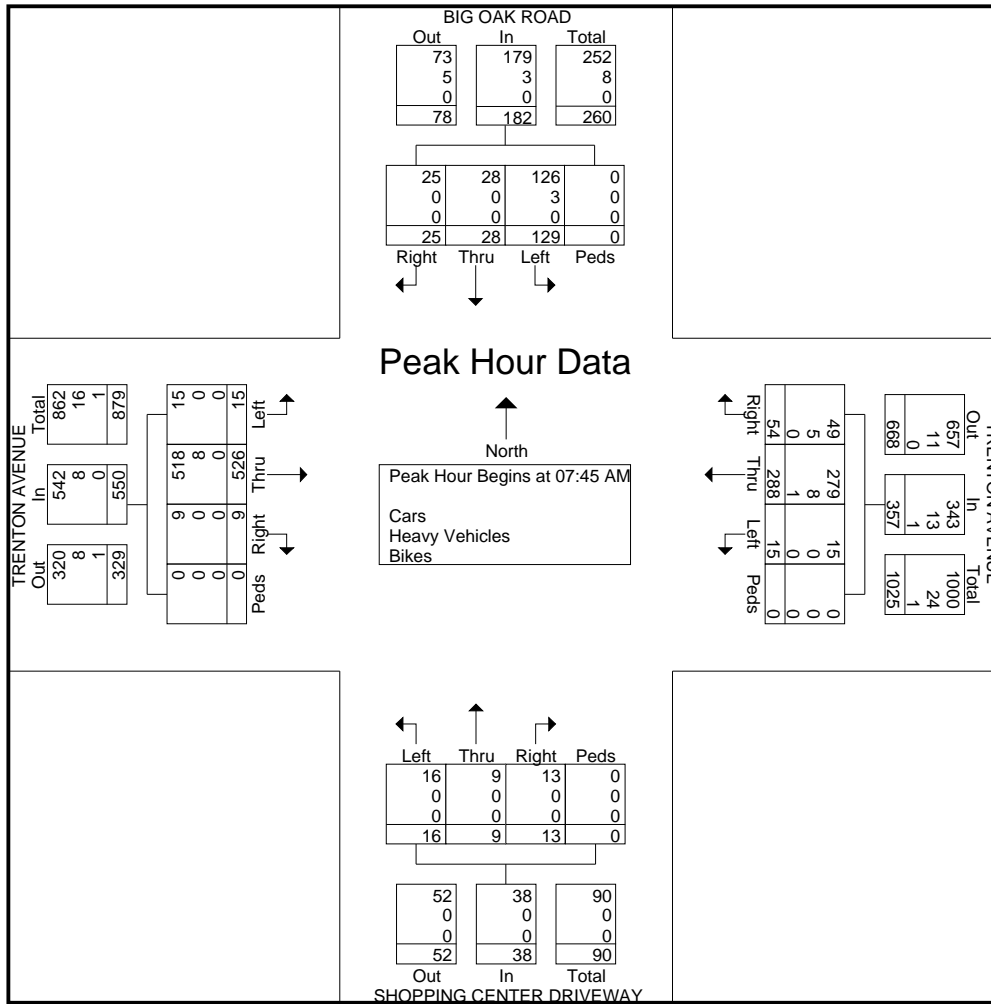
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Trenton Ave & Big Oak Rd  
Date: Wednesday, October 7, 2015  
Counter: Matt W

File Name : Trenton Ave & Big Oak Rd Count  
Site Code : 52  
Start Date : 10/7/2015  
Page No : 3

Start Time	BIG OAK ROAD Southbound					TRENTON AVENUE Westbound					SHOPPING CENTER DRIVEWAY Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	29	11	6	0	46	4	66	9	0	79	5	2	2	0	9	3	123	0	0	126	260
08:00 AM	37	4	11	0	52	4	66	13	0	83	1	1	3	0	5	3	121	0	0	124	264
08:15 AM	29	8	4	0	41	4	79	14	0	97	5	3	3	0	11	5	158	3	0	166	315
08:30 AM	34	5	4	0	43	3	77	18	0	98	5	3	5	0	13	4	124	6	0	134	288
Total Volume	129	28	25	0	182	15	288	54	0	357	16	9	13	0	38	15	526	9	0	550	1127
% App. Total	70.9	15.4	13.7	0		4.2	80.7	15.1	0		42.1	23.7	34.2	0		2.7	95.6	1.6	0		
PHF	.872	.636	.568	.000	.875	.938	.911	.750	.000	.911	.800	.750	.650	.000	.731	.750	.832	.375	.000	.828	.894
Cars	126	28	25	0	179	15	279	49	0	343	16	9	13	0	38	15	518	9	0	542	1102
% Cars	97.7	100	100	0	98.4	100	96.9	90.7	0	96.1	100	100	100	0	100	100	98.5	100	0	98.5	97.8
Heavy Vehicles																					
% Heavy Vehicles	2.3	0	0	0	1.6	0	2.8	9.3	0	3.6	0	0	0	0	0	0	1.5	0	0	1.5	2.1
Bikes	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
% Bikes	0	0	0	0	0	0	0.3	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.1





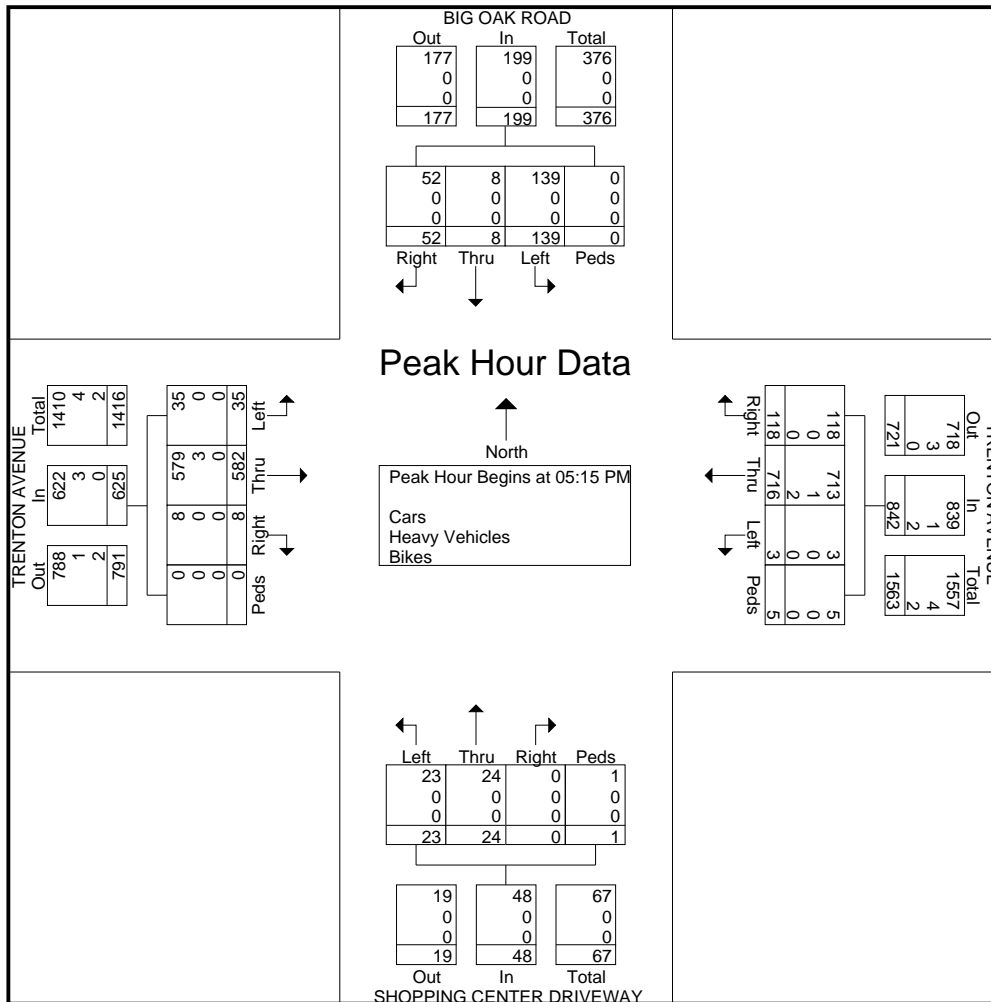
# DRIVE ENGINEERING CORP.

595 Skippack Pk. Suite 400  
Blue Bell, PA 19422

Location: Bucks County, PA  
Intersection: Trenton Ave & Big Oak Rd  
Date: Wednesday, October 7, 2015  
Counter: Matt W

File Name : Trenton Ave & Big Oak Rd Count  
Site Code : 52  
Start Date : 10/7/2015  
Page No : 4

Start Time	BIG OAK ROAD Southbound					TRENTON AVENUE Westbound					SHOPPING CENTER DRIVEWAY Northbound					TRENTON AVENUE Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:15 PM																					
05:15 PM	38	4	16	0	58	1	190	28	0	219	3	7	0	0	10	8	146	1	0	155	442
05:30 PM	24	1	11	0	36	0	179	31	3	213	12	6	0	0	18	11	150	2	0	163	430
05:45 PM	44	1	9	0	54	1	171	27	2	201	2	3	0	1	6	10	159	3	0	172	433
06:00 PM	33	2	16	0	51	1	176	32	0	209	6	8	0	0	14	6	127	2	0	135	409
Total Volume	139	8	52	0	199	3	716	118	5	842	23	24	0	1	48	35	582	8	0	625	1714
% App. Total	69.8	4	26.1	0		0.4	85	14	0.6		47.9	50	0	2.1		5.6	93.1	1.3	0		
PHF	.790	.500	.813	.000	.858	.750	.942	.922	.417	.961	.479	.750	.000	.250	.667	.795	.915	.667	.000	.908	.969
Cars	139	8	52	0	199	3	713	118	5	839	23	24	0	1	48	35	579	8	0	622	1708
% Cars	100	100	100	0	100	100	99.6	100	100	99.6	100	100	0	100	100	100	99.5	100	0	99.5	99.6
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0	0.5	0	0	0.5	0.2
Bikes	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
% Bikes	0	0	0	0	0	0	0.3	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.1



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Site: 044-60 A  
 Loc: Route 1 South Ramp at Oxford Valley  
 Road  
 Surveyor:

File Name : 044-60 A  
 Site Code : 60 A  
 Start Date : 10/20/2015  
 Page No : 1

### Groups Printed- Cars - Trucks

Start Time	Oxford Valley Road Southbound					Westbound					Oxford Valley Road Northbound					RT 1 NB Ramp Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	14	0	0	0	14	0	0	0	0	0	0	0	13	0	13	8	0	43	0	51	78
06:15 AM	27	0	0	0	27	0	0	0	0	0	0	0	29	0	29	12	1	59	1	73	129
06:30 AM	52	0	0	0	52	0	0	0	0	0	0	0	50	0	50	28	0	76	0	104	206
06:45 AM	60	0	0	0	60	0	0	0	0	0	0	0	57	0	57	28	0	161	0	189	306
<b>Total</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>149</b>	<b>0</b>	<b>149</b>	<b>76</b>	<b>1</b>	<b>339</b>	<b>1</b>	<b>417</b>	<b>719</b>
07:00 AM	75	0	0	0	75	0	0	0	0	0	0	0	56	0	56	36	1	142	0	179	310
07:15 AM	54	0	0	0	54	0	0	0	0	0	0	0	43	1	44	58	0	122	0	180	278
07:30 AM	60	0	0	0	60	0	0	0	0	0	0	0	58	0	58	55	0	183	0	238	356
07:45 AM	64	0	0	0	64	0	0	0	0	0	0	0	57	0	57	118	0	224	1	343	464
<b>Total</b>	<b>253</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>253</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>214</b>	<b>1</b>	<b>215</b>	<b>267</b>	<b>1</b>	<b>671</b>	<b>1</b>	<b>940</b>	<b>1408</b>
08:00 AM	76	0	0	0	76	0	0	0	0	0	0	0	42	0	42	83	0	215	0	298	416
08:15 AM	64	0	0	0	64	0	0	0	0	0	0	0	40	0	40	108	0	201	0	309	413
08:30 AM	82	0	0	0	82	0	0	0	0	0	0	0	56	0	56	99	0	204	0	303	441
08:45 AM	63	0	0	0	63	0	0	0	0	0	0	0	45	0	45	104	5	205	0	314	422
<b>Total</b>	<b>285</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>285</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>183</b>	<b>0</b>	<b>183</b>	<b>394</b>	<b>5</b>	<b>825</b>	<b>0</b>	<b>1224</b>	<b>1692</b>
09:00 AM	48	0	0	0	48	0	0	0	0	0	0	0	48	0	48	93	1	179	0	273	369
09:15 AM	54	0	0	0	54	0	0	0	0	0	0	0	72	0	72	92	0	149	0	241	367
09:30 AM	36	0	0	0	36	0	0	0	0	0	0	0	53	0	53	67	0	154	0	221	310
09:45 AM	36	0	0	0	36	0	0	0	0	0	0	0	35	0	35	52	0	159	0	211	282
<b>Total</b>	<b>174</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>174</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>208</b>	<b>0</b>	<b>208</b>	<b>304</b>	<b>1</b>	<b>641</b>	<b>0</b>	<b>946</b>	<b>1328</b>
*** BREAK ***																					
04:00 PM	43	0	0	0	43	0	0	0	0	0	0	0	94	0	94	119	0	140	0	259	396
04:15 PM	26	0	0	0	26	0	0	0	0	0	0	0	79	0	79	145	0	215	0	360	465
04:30 PM	39	0	0	0	39	0	0	0	0	0	0	0	101	0	101	132	1	172	0	305	445
04:45 PM	19	0	0	0	19	0	0	0	0	0	2	0	107	0	109	184	0	180	0	364	492
<b>Total</b>	<b>127</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>127</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>381</b>	<b>0</b>	<b>383</b>	<b>580</b>	<b>1</b>	<b>707</b>	<b>0</b>	<b>1288</b>	<b>1798</b>
05:00 PM	32	0	0	0	32	0	0	0	0	0	0	0	123	0	123	146	0	153	0	299	454
05:15 PM	38	0	0	0	38	0	0	0	0	0	0	0	84	0	84	163	0	226	0	389	511
05:30 PM	46	0	0	0	46	0	0	0	0	0	0	0	102	0	102	147	0	161	0	308	456
05:45 PM	33	0	0	0	33	0	0	0	0	0	0	0	91	0	91	150	0	166	0	316	440
<b>Total</b>	<b>149</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>149</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400</b>	<b>0</b>	<b>400</b>	<b>606</b>	<b>0</b>	<b>706</b>	<b>0</b>	<b>1312</b>	<b>1861</b>
06:00 PM	20	0	0	0	20	0	0	0	0	0	0	0	75	0	75	132	2	123	0	257	352
06:15 PM	26	0	0	0	26	0	0	0	0	0	0	0	76	0	76	150	4	130	0	284	386

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Site: 044-60 A  
 Loc: Route 1 South Ramp at Oxford Valley  
 Road  
 Surveyor:

File Name : 044-60 A  
 Site Code : 60 A  
 Start Date : 10/20/2015  
 Page No : 2

### Groups Printed- Cars - Trucks

Start Time	Oxford Valley Road Southbound					Westbound					Oxford Valley Road Northbound					RT 1 NB Ramp Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:30 PM	22	0	0	0	22	0	0	0	0	0	0	0	76	0	76	107	5	123	0	235	333
06:45 PM	21	0	0	0	21	0	0	0	0	0	0	0	66	0	66	78	0	116	0	194	281
<b>Total</b>	<b>89</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>293</b>	<b>0</b>	<b>293</b>	<b>467</b>	<b>11</b>	<b>492</b>	<b>0</b>	<b>970</b>	<b>1352</b>
<b>Grand Total</b>	<b>1230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1828</b>	<b>1</b>	<b>1831</b>	<b>2694</b>	<b>20</b>	<b>4381</b>	<b>2</b>	<b>7097</b>	<b>10158</b>
Apprch %	100	0	0	0		0	0	0	0		0.1	0	99.8	0.1		38	0.3	61.7	0		
Total %	12.1	0	0	0	12.1	0	0	0	0	0	0	0	18	0	18	26.5	0.2	43.1	0	69.9	
Cars	1199	0	0	0	1199	0	0	0	0	0	2	0	1727	1	1730	2617	15	4152	1	6785	9714
% Cars	97.5	0	0	0	97.5	0	0	0	0	0	100	0	94.5	100	94.5	97.1	75	94.8	50	95.6	95.6
Trucks	31	0	0	0	31	0	0	0	0	0	0	0	101	0	101	77	5	229	1	312	444
% Trucks	2.5	0	0	0	2.5	0	0	0	0	0	0	0	5.5	0	5.5	2.9	25	5.2	50	4.4	4.4

Start Time	Oxford Valley Road Southbound					Westbound					Oxford Valley Road Northbound					RT 1 NB Ramp Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	64	0	0	0	64	0	0	0	0	0	0	0	57	0	57	118	0	224	1	343	464
08:00 AM	76	0	0	0	76	0	0	0	0	0	0	0	42	0	42	83	0	215	0	298	416
08:15 AM	64	0	0	0	64	0	0	0	0	0	0	0	40	0	40	108	0	201	0	309	413
08:30 AM	82	0	0	0	82	0	0	0	0	0	0	0	56	0	56	99	0	204	0	303	441
<b>Total Volume</b>	<b>286</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>286</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>195</b>	<b>0</b>	<b>195</b>	<b>408</b>	<b>0</b>	<b>844</b>	<b>1</b>	<b>1253</b>	<b>1734</b>
% App. Total	100	0	0	0		0	0	0	0		0	0	100	0		32.6	0	67.4	0.1		
PHF	.872	.000	.000	.000	.872	.000	.000	.000	.000	.000	.000	.000	.855	.000	.855	.864	.000	.942	.250	.913	.934

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Site: 044-60 A  
 Loc: Route 1 South Ramp at Oxford Valley  
 Road  
 Surveyor:

File Name : 044-60 A  
 Site Code : 60 A  
 Start Date : 10/20/2015  
 Page No : 3

Start Time	Oxford Valley Road Southbound					Westbound					Oxford Valley Road Northbound					RT 1 NB Ramp Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	19	0	0	0	19	0	0	0	0	0	2	0	107	0	109	184	0	180	0	364	492
05:00 PM	32	0	0	0	32	0	0	0	0	0	0	0	123	0	123	146	0	153	0	299	454
05:15 PM	38	0	0	0	38	0	0	0	0	0	0	0	84	0	84	163	0	226	0	389	511
05:30 PM	46	0	0	0	46	0	0	0	0	0	0	0	102	0	102	147	0	161	0	308	456
Total Volume	135	0	0	0	135	0	0	0	0	0	2	0	416	0	418	640	0	720	0	1360	1913
% App. Total	100	0	0	0		0	0	0	0		0.5	0	99.5	0		47.1	0	52.9	0		
PHF	.734	.000	.000	.000	.734	.000	.000	.000	.000	.000	.250	.000	.846	.000	.850	.870	.000	.796	.000	.874	.936

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Site: 044-60 B  
 Loc: RT 1 North Ramp at Oxford Valley Rd  
 Machine:  
 Surveyor:

File Name : 044-60 B  
 Site Code : 60 B  
 Start Date : 10/20/2015  
 Page No : 1

### Groups Printed- Cars - Trucks

Start Time	Oxford Valley Road Southbound					RT 1 SB Ramp Westbound					Oxford Valley Road Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	0	0	78	0	78	19	0	8	0	27	39	0	0	0	39	0	0	0	0	0	144
06:15 AM	0	0	92	0	92	25	0	12	0	37	68	0	0	0	68	0	0	0	0	0	197
06:30 AM	0	0	157	0	157	36	0	21	0	57	100	0	0	0	100	0	0	0	0	0	314
06:45 AM	0	0	158	0	158	39	0	37	0	76	87	0	0	0	87	0	0	0	0	0	321
Total	0	0	485	0	485	119	0	78	0	197	294	0	0	0	294	0	0	0	0	0	976
07:00 AM	0	0	154	0	154	38	0	20	0	58	114	0	0	0	114	0	0	0	0	0	326
07:15 AM	0	0	180	0	180	41	0	30	0	71	116	0	0	0	116	0	0	0	0	0	367
07:30 AM	0	0	175	0	175	58	0	50	2	110	106	0	0	0	106	0	0	0	0	0	391
07:45 AM	0	0	169	0	169	90	0	42	0	132	120	0	0	0	120	0	0	0	0	0	421
Total	0	0	678	0	678	227	0	142	2	371	456	0	0	0	456	0	0	0	0	0	1505
08:00 AM	0	0	155	0	155	55	0	48	0	103	101	0	0	0	101	0	0	0	0	0	359
08:15 AM	0	0	125	0	125	63	0	63	0	126	76	0	0	0	76	0	0	0	0	0	327
08:30 AM	0	0	147	0	147	54	0	40	0	94	66	0	0	0	66	0	0	0	0	0	307
08:45 AM	0	0	134	0	134	77	0	45	0	122	80	0	0	0	80	0	0	0	0	0	336
Total	0	0	561	0	561	249	0	196	0	445	323	0	0	0	323	0	0	0	0	0	1329
09:00 AM	0	0	108	0	108	47	0	41	0	88	86	0	0	0	86	0	0	0	0	0	282
09:15 AM	0	0	97	0	97	66	0	22	0	88	87	0	0	0	87	0	0	0	0	0	272
09:30 AM	0	0	85	0	85	56	0	17	0	73	71	0	0	0	71	0	0	0	0	0	229
09:45 AM	0	0	93	0	93	57	0	27	0	84	94	0	0	0	94	0	0	0	0	0	271
Total	0	0	383	0	383	226	0	107	0	333	338	0	0	0	338	0	0	0	0	0	1054
*** BREAK ***																					
04:00 PM	0	0	100	0	100	78	0	36	0	114	160	0	0	0	160	0	0	0	0	0	374
04:15 PM	0	0	74	0	74	96	0	45	0	141	148	0	0	0	148	0	0	0	0	0	363
04:30 PM	0	0	109	0	109	99	0	71	0	170	154	0	0	0	154	0	0	0	0	0	433
04:45 PM	0	0	76	0	76	97	0	58	0	155	177	0	0	0	177	0	0	0	0	0	408
Total	0	0	359	0	359	370	0	210	0	580	639	0	0	0	639	0	0	0	0	0	1578
05:00 PM	0	0	125	0	125	96	0	71	0	167	229	0	0	0	229	0	0	0	0	0	521
05:15 PM	0	0	108	0	108	139	0	112	2	253	219	0	0	0	219	0	0	0	0	0	580
05:30 PM	0	0	118	0	118	111	0	109	0	220	173	0	0	0	173	0	0	0	0	0	511
05:45 PM	0	0	94	0	94	121	0	120	0	241	129	0	0	0	129	0	0	0	0	0	464
Total	0	0	445	0	445	467	0	412	2	881	750	0	0	0	750	0	0	0	0	0	2076
06:00 PM	0	2	99	0	101	101	0	82	0	183	136	0	0	0	136	0	0	0	0	0	420
06:15 PM	0	0	83	0	83	105	0	70	0	175	135	0	0	0	135	0	0	0	0	0	393

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Site: 044-60 B  
 Loc: RT 1 North Ramp at Oxford Valley Rd  
 Machine:  
 Surveyor:

File Name : 044-60 B  
 Site Code : 60 B  
 Start Date : 10/20/2015  
 Page No : 2

### Groups Printed- Cars - Trucks

Start Time	Oxford Valley Road Southbound					RT 1 SB Ramp Westbound					Oxford Valley Road Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:30 PM	0	0	67	0	67	87	0	74	0	161	103	0	0	0	103	0	0	0	0	0	331
06:45 PM	0	0	34	0	34	36	0	49	0	85	66	0	0	0	66	0	0	0	0	0	185
<b>Total</b>	<b>0</b>	<b>2</b>	<b>283</b>	<b>0</b>	<b>285</b>	<b>329</b>	<b>0</b>	<b>275</b>	<b>0</b>	<b>604</b>	<b>440</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>440</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1329</b>
<b>Grand Total</b>	<b>0</b>	<b>2</b>	<b>3194</b>	<b>0</b>	<b>3196</b>	<b>1987</b>	<b>0</b>	<b>1420</b>	<b>4</b>	<b>3411</b>	<b>3240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9847</b>
Apprch %	0	0.1	99.9	0		58.3	0	41.6	0.1		100	0	0	0		0	0	0	0		
Total %	0	0	32.4	0	32.5	20.2	0	14.4	0	34.6	32.9	0	0	0	32.9	0	0	0	0	0	
Cars	0	2	3113	0	3115	1925	0	1390	4	3319	3008	0	0	0	3008	0	0	0	0	0	9442
% Cars	0	100	97.5	0	97.5	96.9	0	97.9	100	97.3	92.8	0	0	0	92.8	0	0	0	0	0	95.9
Trucks	0	0	81	0	81	62	0	30	0	92	232	0	0	0	232	0	0	0	0	0	405
% Trucks	0	0	2.5	0	2.5	3.1	0	2.1	0	2.7	7.2	0	0	0	7.2	0	0	0	0	0	4.1

Start Time	Oxford Valley Road Southbound					RT 1 SB Ramp Westbound					Oxford Valley Road Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	0	180	0	180	41	0	30	0	71	116	0	0	0	116	0	0	0	0	0	367
07:30 AM	0	0	175	0	175	58	0	50	2	110	106	0	0	0	106	0	0	0	0	0	391
07:45 AM	0	0	169	0	169	90	0	42	0	132	120	0	0	0	120	0	0	0	0	0	421
08:00 AM	0	0	155	0	155	55	0	48	0	103	101	0	0	0	101	0	0	0	0	0	359
<b>Total Volume</b>	<b>0</b>	<b>0</b>	<b>679</b>	<b>0</b>	<b>679</b>	<b>244</b>	<b>0</b>	<b>170</b>	<b>2</b>	<b>416</b>	<b>443</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>443</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1538</b>
% App. Total	0	0	100	0		58.7	0	40.9	0.5		100	0	0	0		0	0	0	0		
PHF	.000	.000	.943	.000	.943	.678	.000	.850	.250	.788	.923	.000	.000	.000	.923	.000	.000	.000	.000	.000	.913



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-64-REDO  
 Site Code : 044-64-REDO  
 Start Date : 11/24/2015  
 Page No : 1

Groups Printed- Motorcycles - Cars - Light Goods Vehicles - Buses - Unit Trucks - Articulated Trucks

Start Time	Bristol Oxford Valley Road Southbound					Route 1 E Lincoln Highway Westbound					Bristol Oxford Valley Road Northbound					Route 1 E Lincoln Highway Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	62	83	20	0	165	14	18	17	0	49	3	38	13	0	54	10	21	1	0	32	300
06:15 AM	80	91	22	0	193	12	24	33	0	69	3	39	3	0	45	15	37	8	0	60	367
06:30 AM	101	159	30	0	290	32	39	48	0	119	3	76	22	0	101	11	31	2	0	44	554
06:45 AM	105	135	44	0	284	23	72	82	0	177	6	114	12	0	132	2	38	6	0	46	639
<b>Total</b>	<b>348</b>	<b>468</b>	<b>116</b>	<b>0</b>	<b>932</b>	<b>81</b>	<b>153</b>	<b>180</b>	<b>0</b>	<b>414</b>	<b>15</b>	<b>267</b>	<b>50</b>	<b>0</b>	<b>332</b>	<b>38</b>	<b>127</b>	<b>17</b>	<b>0</b>	<b>182</b>	<b>1860</b>
07:00 AM	87	168	30	0	285	30	37	60	0	127	7	111	26	0	144	20	47	9	0	76	632
07:15 AM	114	181	60	0	355	29	60	62	0	151	15	68	33	0	116	18	50	9	0	77	699
07:30 AM	107	233	43	0	383	39	75	56	0	170	23	98	29	0	150	15	42	8	0	65	768
07:45 AM	113	205	55	0	373	42	137	65	0	244	3	108	29	0	140	27	54	10	0	91	848
<b>Total</b>	<b>421</b>	<b>787</b>	<b>188</b>	<b>0</b>	<b>1396</b>	<b>140</b>	<b>309</b>	<b>243</b>	<b>0</b>	<b>692</b>	<b>48</b>	<b>385</b>	<b>117</b>	<b>0</b>	<b>550</b>	<b>80</b>	<b>193</b>	<b>36</b>	<b>0</b>	<b>309</b>	<b>2947</b>
08:00 AM	103	172	33	0	308	57	78	64	0	199	18	96	51	0	165	32	76	13	0	121	793
08:15 AM	91	186	29	0	306	37	77	88	0	202	19	114	49	0	182	21	58	17	0	96	786
08:30 AM	81	184	52	0	317	51	103	66	0	220	14	118	50	0	182	18	69	21	0	108	827
08:45 AM	83	206	27	0	316	49	76	75	0	200	16	102	51	0	169	29	69	24	0	122	807
<b>Total</b>	<b>358</b>	<b>748</b>	<b>141</b>	<b>0</b>	<b>1247</b>	<b>194</b>	<b>334</b>	<b>293</b>	<b>0</b>	<b>821</b>	<b>67</b>	<b>430</b>	<b>201</b>	<b>0</b>	<b>698</b>	<b>100</b>	<b>272</b>	<b>75</b>	<b>0</b>	<b>447</b>	<b>3213</b>
09:00 AM	100	157	36	0	293	41	77	85	0	203	29	98	58	0	185	32	81	19	0	132	813
09:15 AM	74	169	27	0	270	57	60	89	0	206	16	106	62	0	184	36	80	17	0	133	793
09:30 AM	101	142	26	0	269	56	83	84	0	223	21	113	63	0	197	29	57	14	0	100	789
09:45 AM	99	159	35	0	293	65	103	76	0	244	19	102	71	0	192	25	95	23	0	143	872
<b>Total</b>	<b>374</b>	<b>627</b>	<b>124</b>	<b>0</b>	<b>1125</b>	<b>219</b>	<b>323</b>	<b>334</b>	<b>0</b>	<b>876</b>	<b>85</b>	<b>419</b>	<b>254</b>	<b>0</b>	<b>758</b>	<b>122</b>	<b>313</b>	<b>73</b>	<b>0</b>	<b>508</b>	<b>3267</b>
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	0	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	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</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>
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	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>
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
<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>
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
Monmouth Junction, NJ 08852  
732.274.9500, Fax 732.274.9510

File Name : 044-64-REDC  
Site Code : 044-64-REDC  
Start Date : 11/24/2015  
Page No : 2

### Groups Printed- Motorcycles - Cars - Light Goods Vehicles - Buses - Unit Trucks - Articulated Trucks

Start Time	Bristol Oxford Valley Road Southbound					Route 1 E Lincoln Highway Westbound					Bristol Oxford Valley Road Northbound					Route 1 E Lincoln Highway Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	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	0
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	0	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	0
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	0	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	0
04:00 PM	80	154	26	0	260	65	108	201	0	374	37	179	117	0	333	73	120	40	0	233	1200	
04:15 PM	94	162	15	0	271	75	103	202	0	380	32	179	109	0	320	57	107	24	0	188	1159	
04:30 PM	76	160	22	0	258	72	99	177	0	348	32	193	109	0	334	67	113	28	0	208	1148	
04:45 PM	83	174	25	0	282	81	98	212	0	391	42	183	99	0	324	70	127	20	0	217	1214	
Total	333	650	88	0	1071	293	408	792	0	1493	143	734	434	0	1311	267	467	112	0	846	4721	
05:00 PM	77	145	19	0	241	80	140	233	0	453	44	180	117	0	341	75	141	33	0	249	1284	
05:15 PM	77	156	14	0	247	70	94	215	0	379	39	188	114	0	341	79	114	24	0	217	1184	
05:30 PM	76	139	16	0	231	83	102	229	0	414	43	188	112	0	343	51	104	25	0	180	1168	
05:45 PM	82	142	24	0	248	62	96	222	0	380	40	183	128	0	351	67	113	35	0	215	1194	
Total	312	582	73	0	967	295	432	899	0	1626	166	739	471	0	1376	272	472	117	0	861	4830	
06:00 PM	80	144	18	0	242	79	97	201	0	377	29	192	117	0	338	73	110	29	0	212	1169	
06:15 PM	77	142	23	0	242	69	84	178	0	331	40	174	99	0	313	37	101	21	0	159	1045	
06:30 PM	74	133	24	0	231	79	67	151	0	297	31	182	88	0	301	51	82	33	0	166	995	
06:45 PM	65	151	32	0	248	78	97	129	0	304	33	185	83	0	301	29	86	18	0	133	986	
Total	296	570	97	0	963	305	345	659	0	1309	133	733	387	0	1253	190	379	101	0	670	4195	
Grand Total	2442	4432	827	0	7701	1527	2304	3400	0	7231	657	3707	1914	0	6278	1069	2223	531	0	3823	25033	
Apprch %	31.7	57.6	10.7	0		21.1	31.9	47	0		10.5	59	30.5	0		28	58.1	13.9	0			
Total %	9.8	17.7	3.3	0	30.8	6.1	9.2	13.6	0	28.9	2.6	14.8	7.6	0	25.1	4.3	8.9	2.1	0	15.3		
Motorcycles	0	1	0	0	1	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	4	
% Motorcycles	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	
Cars	2208	4083	737	0	7028	1365	2007	3158	0	6530	608	3383	1800	0	5791	928	1900	473	0	3301	22650	
% Cars	90.4	92.1	89.1	0	91.3	89.4	87.1	92.9	0	90.3	92.5	91.3	94	0	92.2	86.8	85.5	89.1	0	86.3	90.5	
Light Goods Vehicles	187	249	77	0	513	122	224	197	0	543	28	213	77	0	318	123	254	34	0	411	1785	
% Light Goods Vehicles	7.7	5.6	9.3	0	6.7	8	9.7	5.8	0	7.5	4.3	5.7	4	0	5.1	11.5	11.4	6.4	0	10.8	7.1	
Buses	15	45	3	0	63	2	10	11	0	23	0	40	3	0	43	4	4	3	0	11	140	
% Buses	0.6	1	0.4	0	0.8	0.1	0.4	0.3	0	0.3	0	1.1	0.2	0	0.7	0.4	0.2	0.6	0	0.3	0.6	
Single-Unit Trucks	31	44	8	0	83	31	49	29	0	109	11	59	22	0	92	14	45	14	0	73	357	
% Single-Unit Trucks	1.3	1	1	0	1.1	2	2.1	0.9	0	1.5	1.7	1.6	1.1	0	1.5	1.3	2	2.6	0	1.9	1.4	
Articulated Trucks	1	10	2	0	13	6	14	5	0	25	10	10	12	0	32	0	20	7	0	27	97	
% Articulated Trucks	0	0.2	0.2	0	0.2	0.4	0.6	0.1	0	0.3	1.5	0.3	0.6	0	0.5	0	0.9	1.3	0	0.7	0.4	

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Start Time	Bristol Oxford Valley Road Southbound					Route 1 E Lincoln Highway Westbound					Bristol Oxford Valley Road Northbound					Route 1 E Lincoln Highway Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 AM																					
09:00 AM	100	157	36	0	293	41	77	85	0	203	29	98	58	0	185	32	81	19	0	132	813
09:15 AM	74	169	27	0	270	57	60	89	0	206	16	106	62	0	184	36	80	17	0	133	793
09:30 AM	101	142	26	0	269	56	83	84	0	223	21	113	63	0	197	29	57	14	0	100	789
09:45 AM	99	159	35	0	293	65	103	76	0	244	19	102	71	0	192	25	95	23	0	143	872
Total Volume	374	627	124	0	1125	219	323	334	0	876	85	419	254	0	758	122	313	73	0	508	3267
% App. Total	33.2	55.7	11	0		25	36.9	38.1	0		11.2	55.3	33.5	0		24	61.6	14.4	0		
PHF	.926	.928	.861	.000	.960	.842	.784	.938	.000	.898	.733	.927	.894	.000	.962	.847	.824	.793	.000	.888	.937
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	83	174	25	0	282	81	98	212	0	391	42	183	99	0	324	70	127	20	0	217	1214
05:00 PM	77	145	19	0	241	80	140	233	0	453	44	180	117	0	341	75	141	33	0	249	1284
05:15 PM	77	156	14	0	247	70	94	215	0	379	39	188	114	0	341	79	114	24	0	217	1184
05:30 PM	76	139	16	0	231	83	102	229	0	414	43	188	112	0	343	51	104	25	0	180	1168
Total Volume	313	614	74	0	1001	314	434	889	0	1637	168	739	442	0	1349	275	486	102	0	863	4850
% App. Total	31.3	61.3	7.4	0		19.2	26.5	54.3	0		12.5	54.8	32.8	0		31.9	56.3	11.8	0		
PHF	.943	.882	.740	.000	.887	.946	.775	.954	.000	.903	.955	.983	.944	.000	.983	.870	.862	.773	.000	.866	.944

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-66  
 Site Code : 66  
 Start Date : 10/8/2015  
 Page No : 1

## Groups Printed- Cars - Trucks - Bicycles

Start Time	Oxford Valley Road Southbound					Big Oak Road Westbound					Oxford Valley Road Northbound					Big Oak Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	5	15	2	0	22	11	11	0	0	22	24	47	7	0	78	3	13	23	0	39	161
06:15 AM	7	21	3	0	31	13	14	0	0	27	30	50	9	0	89	3	17	28	0	48	195
06:30 AM	7	32	4	0	43	23	18	0	0	41	29	83	13	0	125	4	22	43	0	69	278
06:45 AM	8	55	5	0	68	28	26	0	0	54	72	99	27	0	198	7	21	51	0	79	399
Total	27	123	14	0	164	75	69	0	0	144	155	279	56	0	490	17	73	145	0	235	1033
07:00 AM	7	48	3	0	58	25	13	3	0	41	74	103	22	0	199	6	27	50	0	83	381
07:15 AM	7	44	14	0	65	30	19	3	0	52	70	96	34	0	200	4	33	50	0	87	404
07:30 AM	12	43	5	0	60	26	13	7	0	46	88	94	28	0	210	7	46	55	0	108	424
07:45 AM	12	57	3	0	72	40	30	10	1	81	95	109	24	0	228	10	44	67	0	121	502
Total	38	192	25	0	255	121	75	23	1	220	327	402	108	0	837	27	150	222	0	399	1711
08:00 AM	5	49	4	0	58	31	31	5	0	67	71	78	15	0	164	12	28	64	0	104	393
08:15 AM	8	44	6	0	58	31	28	13	0	72	65	89	11	0	165	6	29	50	0	85	380
08:30 AM	9	46	3	0	58	25	21	13	0	59	55	74	11	0	140	8	31	56	0	95	352
08:45 AM	9	48	9	0	66	33	37	14	0	84	62	124	18	0	204	8	34	47	0	89	443
Total	31	187	22	0	240	120	117	45	0	282	253	365	55	0	673	34	122	217	0	373	1568
09:00 AM	17	68	6	0	91	35	20	6	0	61	53	84	14	0	151	16	30	60	0	106	409
09:15 AM	12	55	8	0	75	35	21	10	0	66	64	89	16	0	169	13	34	44	0	91	401
09:30 AM	13	70	4	0	87	44	21	7	0	72	66	89	20	0	175	12	29	50	0	91	425
09:45 AM	14	57	4	0	75	36	19	12	0	67	65	85	14	0	164	6	26	65	0	97	403
Total	56	250	22	0	328	150	81	35	0	266	248	347	64	0	659	47	119	219	0	385	1638
*** BREAK ***																					
04:00 PM	17	92	8	0	117	72	44	17	1	134	38	69	27	0	134	18	44	74	0	136	521
04:15 PM	9	62	8	0	79	51	34	14	0	99	41	76	23	0	140	14	59	71	0	144	462
04:30 PM	15	104	10	0	129	52	23	12	1	88	50	86	26	0	162	19	72	102	0	193	572
04:45 PM	17	113	7	0	137	55	38	10	0	103	65	87	40	0	192	19	39	88	0	146	578
Total	58	371	33	0	462	230	139	53	2	424	194	318	116	0	628	70	214	335	0	619	2133
05:00 PM	29	136	9	0	174	44	24	23	0	91	49	72	33	0	154	22	99	95	0	216	635
05:15 PM	13	96	14	0	123	60	38	21	0	119	65	81	39	0	185	15	101	144	0	260	687
05:30 PM	21	112	10	0	143	63	47	25	0	135	67	82	40	0	189	43	93	155	0	291	758
05:45 PM	15	117	14	0	146	66	40	20	0	126	70	92	35	0	197	17	94	91	0	202	671
Total	78	461	47	0	586	233	149	89	0	471	251	327	147	0	725	97	387	485	0	969	2751
06:00 PM	12	83	11	0	106	61	54	13	0	128	67	76	37	0	180	25	90	85	0	200	614
06:15 PM	8	136	5	0	149	82	50	14	0	146	65	114	63	0	242	23	57	102	0	182	719

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-66  
 Site Code : 66  
 Start Date : 10/8/2015  
 Page No : 2

### Groups Printed- Cars - Trucks - Bicycles

Start Time	Oxford Valley Road Southbound					Big Oak Road Westbound					Oxford Valley Road Northbound					Big Oak Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:30 PM	14	135	6	0	155	70	32	20	0	122	57	100	44	0	201	9	38	65	0	112	590
06:45 PM	11	92	5	0	108	82	32	9	0	123	55	113	68	0	236	9	29	76	0	114	581
<b>Total</b>	<b>45</b>	<b>446</b>	<b>27</b>	<b>0</b>	<b>518</b>	<b>295</b>	<b>168</b>	<b>56</b>	<b>0</b>	<b>519</b>	<b>244</b>	<b>403</b>	<b>212</b>	<b>0</b>	<b>859</b>	<b>66</b>	<b>214</b>	<b>328</b>	<b>0</b>	<b>608</b>	<b>2504</b>
<b>Grand Total</b>	<b>333</b>	<b>2030</b>	<b>190</b>	<b>0</b>	<b>2553</b>	<b>1224</b>	<b>798</b>	<b>301</b>	<b>3</b>	<b>2326</b>	<b>1672</b>	<b>2441</b>	<b>758</b>	<b>0</b>	<b>4871</b>	<b>358</b>	<b>1279</b>	<b>1951</b>	<b>0</b>	<b>3588</b>	<b>13338</b>
Apprch %	13	79.5	7.4	0		52.6	34.3	12.9	0.1		34.3	50.1	15.6	0		10	35.6	54.4	0		
Total %	2.5	15.2	1.4	0	19.1	9.2	6	2.3	0	17.4	12.5	18.3	5.7	0	36.5	2.7	9.6	14.6	0	26.9	
Cars	328	2014	190	0	2532	1213	787	300	3	2303	1604	2388	737	0	4729	353	1258	1896	0	3507	13071
% Cars	98.5	99.2	100	0	99.2	99.1	98.6	99.7	100	99	95.9	97.8	97.2	0	97.1	98.6	98.4	97.2	0	97.7	98
Trucks	5	16	0	0	21	11	11	1	0	23	68	52	21	0	141	5	21	54	0	80	265
% Trucks	1.5	0.8	0	0	0.8	0.9	1.4	0.3	0	1	4.1	2.1	2.8	0	2.9	1.4	1.6	2.8	0	2.2	2
Bicycles	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	2
% Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0

Start Time	Oxford Valley Road Southbound					Big Oak Road Westbound					Oxford Valley Road Northbound					Big Oak Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	7	44	14	0	65	30	19	3	0	52	70	96	34	0	200	4	33	50	0	87	404
07:30 AM	12	43	5	0	60	26	13	7	0	46	88	94	28	0	210	7	46	55	0	108	424
07:45 AM	12	57	3	0	72	40	30	10	1	81	95	109	24	0	228	10	44	67	0	121	502
08:00 AM	5	49	4	0	58	31	31	5	0	67	71	78	15	0	164	12	28	64	0	104	393
Total Volume	36	193	26	0	255	127	93	25	1	246	324	377	101	0	802	33	151	236	0	420	1723
% App. Total	14.1	75.7	10.2	0		51.6	37.8	10.2	0.4		40.4	47	12.6	0		7.9	36	56.2	0		
PHF	.750	.846	.464	.000	.885	.794	.750	.625	.250	.759	.853	.865	.743	.000	.879	.688	.821	.881	.000	.868	.858

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-66  
 Site Code : 66  
 Start Date : 10/8/2015  
 Page No : 3

Start Time	Oxford Valley Road Southbound					Big Oak Road Westbound					Oxford Valley Road Northbound					Big Oak Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:30 PM																					
05:30 PM	21	112	10	0	143	63	47	25	0	135	67	82	40	0	189	43	93	155	0	291	758
05:45 PM	15	117	14	0	146	66	40	20	0	126	70	92	35	0	197	17	94	91	0	202	671
06:00 PM	12	83	11	0	106	61	54	13	0	128	67	76	37	0	180	25	90	85	0	200	614
06:15 PM	8	136	5	0	149	82	50	14	0	146	65	114	63	0	242	23	57	102	0	182	719
Total Volume	56	448	40	0	544	272	191	72	0	535	269	364	175	0	808	108	334	433	0	875	2762
% App. Total	10.3	82.4	7.4	0		50.8	35.7	13.5	0		33.3	45	21.7	0		12.3	38.2	49.5	0		
PHF	.667	.824	.714	.000	.913	.829	.884	.720	.000	.916	.961	.798	.694	.000	.835	.628	.888	.698	.000	.752	.911

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-76  
 Site Code : 76  
 Start Date : 10/8/2015  
 Page No : 1

## Groups Printed- Cars - Trucks - Bicycles

Start Time	Bear Tavern Road Southbound					Washington Crossing Pennington Road Westbound					Bear Tavern Road Northbound					Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	9	27	8	0	44	1	3	3	0	7	0	37	1	0	38	18	19	2	0	39	128
06:15 AM	7	16	4	0	27	0	8	6	0	14	0	39	1	0	40	23	24	3	0	50	131
06:30 AM	13	33	12	0	58	10	12	10	0	32	0	37	0	0	37	32	31	0	0	63	190
06:45 AM	30	53	12	0	95	5	15	10	0	30	1	40	3	0	44	41	50	4	0	95	264
Total	59	129	36	0	224	16	38	29	0	83	1	153	5	0	159	114	124	9	0	247	713
07:00 AM	32	40	12	0	84	7	9	12	0	28	1	34	1	0	36	41	43	11	1	96	244
07:15 AM	39	69	16	0	124	9	20	13	0	42	1	50	2	0	53	49	74	16	0	139	358
07:30 AM	61	66	18	0	145	24	21	17	0	62	1	53	2	0	56	41	77	20	1	139	402
07:45 AM	114	97	22	0	233	14	21	11	1	47	3	38	4	0	45	38	63	26	0	127	452
Total	246	272	68	0	586	54	71	53	1	179	6	175	9	0	190	169	257	73	2	501	1456
08:00 AM	77	83	25	0	185	19	9	13	1	42	2	36	1	0	39	42	82	26	0	150	416
08:15 AM	83	93	27	0	203	32	17	16	0	65	3	32	4	0	39	31	81	42	0	154	461
08:30 AM	69	97	24	0	190	16	15	13	0	44	5	40	10	0	55	38	76	29	0	143	432
08:45 AM	95	98	37	0	230	13	12	19	0	44	3	34	1	0	38	32	72	21	0	125	437
Total	324	371	113	0	808	80	53	61	1	195	13	142	16	0	171	143	311	118	0	572	1746
09:00 AM	55	58	31	0	144	9	22	8	0	39	2	38	6	0	46	23	63	19	0	105	334
09:15 AM	59	61	32	0	152	8	17	15	1	41	4	33	0	0	37	13	43	10	0	66	296
09:30 AM	29	44	26	0	99	5	13	10	0	28	1	32	3	0	36	20	28	9	0	57	220
09:45 AM	35	41	22	1	99	5	15	14	0	34	2	26	1	0	29	15	43	7	1	66	228
Total	178	204	111	1	494	27	67	47	1	142	9	129	10	0	148	71	177	45	1	294	1078
*** BREAK ***																					
04:00 PM	15	70	22	0	107	0	55	58	0	113	7	57	4	0	68	22	29	4	0	55	343
04:15 PM	19	67	9	0	95	5	29	52	0	86	18	57	4	0	79	16	24	1	0	41	301
04:30 PM	18	63	28	0	109	4	54	53	0	111	23	94	0	0	117	26	15	2	0	43	380
04:45 PM	13	66	28	0	107	6	102	60	0	168	27	93	3	0	123	35	34	7	0	76	474
Total	65	266	87	0	418	15	240	223	0	478	75	301	11	0	387	99	102	14	0	215	1498
05:00 PM	25	74	26	0	125	5	87	76	0	168	36	85	1	0	122	36	17	3	0	56	471
05:15 PM	13	72	23	0	108	10	97	114	0	221	39	104	6	0	149	28	24	2	0	54	532
05:30 PM	27	68	23	0	118	4	94	91	0	189	15	101	7	0	123	27	16	5	0	48	478
05:45 PM	29	71	28	0	128	8	82	69	0	159	21	69	4	0	94	21	18	2	0	41	422
Total	94	285	100	0	479	27	360	350	0	737	111	359	18	0	488	112	75	12	0	199	1903

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-76  
 Site Code : 76  
 Start Date : 10/8/2015  
 Page No : 2

### Groups Printed- Cars - Trucks - Bicycles

Start Time	Bear Tavern Road Southbound					Washington Crossing Pennington Road Westbound					Bear Tavern Road Northbound					Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 PM	26	49	28	0	103	3	83	71	1	158	12	60	1	0	73	26	29	1	0	56	390
06:15 PM	14	54	44	0	112	1	83	39	0	123	8	52	8	0	68	25	24	1	0	50	353
06:30 PM	17	49	25	0	91	3	64	42	0	109	7	40	3	0	50	17	19	2	0	38	288
06:45 PM	18	64	18	0	100	3	42	29	0	74	4	34	0	0	38	20	18	2	0	40	252
<b>Total</b>	<b>75</b>	<b>216</b>	<b>115</b>	<b>0</b>	<b>406</b>	<b>10</b>	<b>272</b>	<b>181</b>	<b>1</b>	<b>464</b>	<b>31</b>	<b>186</b>	<b>12</b>	<b>0</b>	<b>229</b>	<b>88</b>	<b>90</b>	<b>6</b>	<b>0</b>	<b>184</b>	<b>1283</b>
<b>Grand Total</b>	<b>1041</b>	<b>1743</b>	<b>630</b>	<b>1</b>	<b>3415</b>	<b>229</b>	<b>1101</b>	<b>944</b>	<b>4</b>	<b>2278</b>	<b>246</b>	<b>1445</b>	<b>81</b>	<b>0</b>	<b>1772</b>	<b>796</b>	<b>1136</b>	<b>277</b>	<b>3</b>	<b>2212</b>	<b>9677</b>
Apprch %	30.5	51	18.4	0		10.1	48.3	41.4	0.2		13.9	81.5	4.6	0		36	51.4	12.5	0.1		
Total %	10.8	18	6.5	0	35.3	2.4	11.4	9.8	0	23.5	2.5	14.9	0.8	0	18.3	8.2	11.7	2.9	0	22.9	
Cars	1039	1735	628	1	3403	220	1090	940	4	2254	246	1439	73	0	1758	795	1124	275	3	2197	9612
% Cars	99.8	99.5	99.7	100	99.6	96.1	99	99.6	100	98.9	100	99.6	90.1	0	99.2	99.9	98.9	99.3	100	99.3	99.3
Trucks	2	8	1	0	11	6	5	2	0	13	0	4	6	0	10	0	2	2	0	4	38
% Trucks	0.2	0.5	0.2	0	0.3	2.6	0.5	0.2	0	0.6	0	0.3	7.4	0	0.6	0	0.2	0.7	0	0.2	0.4
Bicycles	0	0	1	0	1	3	6	2	0	11	0	2	2	0	4	1	10	0	0	11	27
% Bicycles	0	0	0.2	0	0	1.3	0.5	0.2	0	0.5	0	0.1	2.5	0	0.2	0.1	0.9	0	0	0.5	0.3

Start Time	Bear Tavern Road Southbound					Washington Crossing Pennington Road Westbound					Bear Tavern Road Northbound					Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	114	97	22	0	233	14	21	11	1	47	3	38	4	0	45	38	63	26	0	127	452
08:00 AM	77	83	25	0	185	19	9	13	1	42	2	36	1	0	39	42	82	26	0	150	416
08:15 AM	83	93	27	0	203	32	17	16	0	65	3	32	4	0	39	31	81	42	0	154	461
08:30 AM	69	97	24	0	190	16	15	13	0	44	5	40	10	0	55	38	76	29	0	143	432
<b>Total Volume</b>	<b>343</b>	<b>370</b>	<b>98</b>	<b>0</b>	<b>811</b>	<b>81</b>	<b>62</b>	<b>53</b>	<b>2</b>	<b>198</b>	<b>13</b>	<b>146</b>	<b>19</b>	<b>0</b>	<b>178</b>	<b>149</b>	<b>302</b>	<b>123</b>	<b>0</b>	<b>574</b>	<b>1761</b>
% App. Total	42.3	45.6	12.1	0		40.9	31.3	26.8	1		7.3	82	10.7	0		26	52.6	21.4	0		
PHF	.752	.954	.907	.000	.870	.633	.738	.828	.500	.762	.650	.913	.475	.000	.809	.887	.921	.732	.000	.932	.955

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-76  
 Site Code : 76  
 Start Date : 10/8/2015  
 Page No : 3

Start Time	Bear Tavern Road Southbound					Washington Crossing Pennington Road Westbound					Bear Tavern Road Northbound					Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	13	66	28	0	107	6	102	60	0	168	27	93	3	0	123	35	34	7	0	76	474
05:00 PM	25	74	26	0	125	5	87	76	0	168	36	85	1	0	122	36	17	3	0	56	471
05:15 PM	13	72	23	0	108	10	97	114	0	221	39	104	6	0	149	28	24	2	0	54	532
05:30 PM	27	68	23	0	118	4	94	91	0	189	15	101	7	0	123	27	16	5	0	48	478
Total Volume	78	280	100	0	458	25	380	341	0	746	117	383	17	0	517	126	91	17	0	234	1955
% App. Total	17	61.1	21.8	0		3.4	50.9	45.7	0		22.6	74.1	3.3	0		53.8	38.9	7.3	0		
PHF	.722	.946	.893	.000	.916	.625	.931	.748	.000	.844	.750	.921	.607	.000	.867	.875	.669	.607	.000	.770	.919



# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-78  
 Site Code : 78  
 Start Date : 10/8/2015  
 Page No : 1

## Groups Printed- Cars - Trucks - Bicycles

Start Time	Southbound					RT 546 Washington Crossing Pennington Road Westbound					Jacobs Creek Road Northbound					RT 546 Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	0	0	0	0	0	0	7	0	0	7	0	0	2	0	2	0	29	1	0	30	39
06:15 AM	0	0	0	0	0	0	14	0	0	14	0	0	4	0	4	0	33	0	0	33	51
06:30 AM	0	0	0	1	1	6	35	0	0	41	0	0	12	0	12	0	45	0	0	45	99
06:45 AM	0	0	0	0	0	5	27	0	0	32	3	0	7	1	11	0	76	0	0	76	119
Total	0	0	0	1	1	11	83	0	0	94	3	0	25	1	29	0	183	1	0	184	308
07:00 AM	0	0	0	1	1	4	30	0	0	34	0	0	8	0	8	0	84	1	0	85	128
07:15 AM	0	0	0	0	0	4	44	0	0	48	0	0	22	0	22	0	124	0	0	124	194
07:30 AM	0	0	0	1	1	11	63	0	0	74	0	0	25	0	25	0	151	0	0	151	251
07:45 AM	0	0	0	2	2	12	52	0	0	64	0	0	19	0	19	0	172	0	0	172	257
Total	0	0	0	4	4	31	189	0	0	220	0	0	74	0	74	0	531	1	0	532	830
08:00 AM	0	0	0	0	0	8	42	0	0	50	2	0	11	0	13	0	166	0	0	166	229
08:15 AM	0	0	0	0	0	6	60	0	0	66	0	0	17	0	17	0	165	0	0	165	248
08:30 AM	0	0	0	0	0	9	44	0	0	53	1	0	13	0	14	0	158	2	0	160	227
08:45 AM	0	0	0	0	0	11	43	0	0	54	2	0	15	1	18	0	172	0	0	172	244
Total	0	0	0	0	0	34	189	0	0	223	5	0	56	1	62	0	661	2	0	663	948
09:00 AM	0	0	0	0	0	3	39	0	0	42	1	0	18	1	20	0	133	0	0	133	195
09:15 AM	0	0	0	0	0	8	39	0	0	47	1	0	9	0	10	0	113	0	0	113	170
09:30 AM	0	0	0	1	1	7	32	0	0	39	0	0	14	0	14	0	65	1	0	66	120
09:45 AM	0	0	0	0	0	4	34	0	0	38	1	0	5	0	6	0	85	0	0	85	129
Total	0	0	0	1	1	22	144	0	0	166	3	0	46	1	50	0	396	1	0	397	614
*** BREAK ***																					
04:00 PM	0	0	0	1	1	15	125	0	0	140	3	0	14	0	17	0	49	1	0	50	208
04:15 PM	0	0	0	0	0	10	91	0	0	101	0	0	10	0	10	0	50	2	0	52	163
04:30 PM	0	0	0	0	0	13	106	0	0	119	1	0	14	0	15	0	38	0	0	38	172
04:45 PM	0	0	0	1	1	18	150	0	0	168	1	0	14	1	16	0	55	0	0	55	240
Total	0	0	0	2	2	56	472	0	0	528	5	0	52	1	58	0	192	3	0	195	783
05:00 PM	0	0	0	0	0	16	183	0	0	199	0	0	12	1	13	0	47	0	0	47	259
05:15 PM	0	0	0	0	0	31	215	0	0	246	0	0	15	0	15	0	44	1	0	45	306
05:30 PM	0	0	0	0	0	33	199	0	0	232	0	0	19	0	19	0	53	2	0	55	306
05:45 PM	0	0	0	0	0	22	164	0	0	186	0	0	17	1	18	0	54	1	0	55	259
Total	0	0	0	0	0	102	761	0	0	863	0	0	63	2	65	0	198	4	0	202	1130

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-78  
 Site Code : 78  
 Start Date : 10/8/2015  
 Page No : 2

### Groups Printed- Cars - Trucks - Bicycles

Start Time	Southbound					RT 546 Washington Crossing Pennington Road Westbound					Jacobs Creek Road Northbound					RT 546 Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 PM	0	0	0	1	1	26	154	0	0	180	1	0	11	1	13	0	58	0	0	58	252
06:15 PM	0	0	0	0	0	13	109	0	0	122	2	0	12	0	14	0	48	1	0	49	185
06:30 PM	0	0	0	0	0	13	110	0	0	123	3	0	18	0	21	0	40	0	0	40	184
06:45 PM	0	0	0	0	0	14	81	0	0	95	0	0	15	0	15	0	39	2	0	41	151
<b>Total</b>	0	0	0	1	1	66	454	0	0	520	6	0	56	1	63	0	185	3	0	188	772
<b>Grand Total</b>	0	0	0	9	9	322	2292	0	0	2614	22	0	372	7	401	0	2346	15	0	2361	5385
Apprch %	0	0	0	100		12.3	87.7	0	0		5.5	0	92.8	1.7		0	99.4	0.6	0		
Total %	0	0	0	0.2	0.2	6	42.6	0	0	48.5	0.4	0	6.9	0.1	7.4	0	43.6	0.3	0	43.8	
Cars	0	0	0	7	7	310	2237	0	0	2547	19	0	363	4	386	0	2301	14	0	2315	5255
% Cars	0	0	0	77.8	77.8	96.3	97.6	0	0	97.4	86.4	0	97.6	57.1	96.3	0	98.1	93.3	0	98.1	97.6
Trucks	0	0	0	0	0	12	55	0	0	67	3	0	9	0	12	0	45	0	0	45	124
% Trucks	0	0	0	0	0	3.7	2.4	0	0	2.6	13.6	0	2.4	0	3	0	1.9	0	0	1.9	2.3
Bicycles	0	0	0	2	2	0	0	0	0	0	0	0	0	3	3	0	0	1	0	1	6
% Bicycles	0	0	0	22.2	22.2	0	0	0	0	0	0	0	0	42.9	0.7	0	0	6.7	0	0	0.1

Start Time	Southbound					RT 546 Washington Crossing Pennington Road Westbound					Jacobs Creek Road Northbound					RT 546 Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	0	0	1	1	11	63	0	0	74	0	0	25	0	25	0	151	0	0	151	251
07:45 AM	0	0	0	2	2	12	52	0	0	64	0	0	19	0	19	0	172	0	0	172	257
08:00 AM	0	0	0	0	0	8	42	0	0	50	2	0	11	0	13	0	166	0	0	166	229
08:15 AM	0	0	0	0	0	6	60	0	0	66	0	0	17	0	17	0	165	0	0	165	248
<b>Total Volume</b>	0	0	0	3	3	37	217	0	0	254	2	0	72	0	74	0	654	0	0	654	985
<b>% App. Total</b>	0	0	0	100		14.6	85.4	0	0		2.7	0	97.3	0		0	100	0	0		
PHF	.000	.000	.000	.375	.375	.771	.861	.000	.000	.858	.250	.000	.720	.000	.740	.000	.951	.000	.000	.951	.958

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-78  
 Site Code : 78  
 Start Date : 10/8/2015  
 Page No : 3

Start Time	Southbound					RT 546 Washington Crossing Pennington Road Westbound					Jacobs Creek Road Northbound					RT 546 Washington Crossing Pennington Road Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 05:00 PM																						
05:00 PM	0	0	0	0	0	16	183	0	0	199	0	0	12	1	13	0	47	0	0	47	259	
05:15 PM	0	0	0	0	0	31	215	0	0	246	0	0	15	0	15	0	44	1	0	45	306	
05:30 PM	0	0	0	0	0	33	199	0	0	232	0	0	19	0	19	0	53	2	0	55	306	
05:45 PM	0	0	0	0	0	22	164	0	0	186	0	0	17	1	18	0	54	1	0	55	259	
Total Volume	0	0	0	0	0	102	761	0	0	863	0	0	63	2	65	0	198	4	0	202	1130	
% App. Total	0	0	0	0	0	11.8	88.2	0	0		0	0	96.9	3.1		0	98	2	0			
PHF	.000	.000	.000	.000	.000	.773	.885	.000	.000	.877	.000	.000	.829	.500	.855	.000	.917	.500	.000	.918	.923	

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Site: 044-80  
 Loc: CR 546 Washington Crossing  
 Pennington Road & Scotch Road  
 Surveyor:

File Name : 044-80  
 Site Code : 80  
 Start Date : 10/27/2015  
 Page No : 1

### Groups Printed- Cars - Trucks

Start Time	Scotch Road Southbound					CR 546 Washington Crossing Pennington Road Westbound					Scotch Road Northbound					CR 546 Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	4	13	5	0	22	5	9	1	0	15	8	12	4	0	24	9	15	8	0	32	93
06:15 AM	3	20	7	0	30	4	13	3	0	20	14	13	5	1	33	8	19	7	0	34	117
06:30 AM	2	16	8	0	26	5	17	5	0	27	12	11	5	1	29	13	21	13	0	47	129
06:45 AM	5	21	6	0	32	13	10	7	0	30	11	28	10	0	49	13	26	14	0	53	164
Total	14	70	26	0	110	27	49	16	0	92	45	64	24	2	135	43	81	42	0	166	503
07:00 AM	7	29	8	0	44	8	16	4	0	28	20	31	8	0	59	11	35	11	0	57	188
07:15 AM	7	34	9	0	50	11	14	5	0	30	24	65	9	0	98	14	37	15	0	66	244
07:30 AM	4	26	11	0	41	13	28	6	0	47	30	49	6	0	85	15	39	8	0	62	235
07:45 AM	3	30	14	0	47	11	34	2	0	47	29	52	10	0	91	12	45	9	0	66	251
Total	21	119	42	0	182	43	92	17	0	152	103	197	33	0	333	52	156	43	0	251	918
08:00 AM	5	32	16	0	53	15	25	2	0	42	32	48	16	0	96	17	34	8	0	59	250
08:15 AM	4	36	13	0	53	25	40	7	0	72	25	37	11	0	73	17	38	7	0	62	260
08:30 AM	4	43	16	0	63	14	25	1	0	40	18	34	16	0	68	13	28	7	0	48	219
08:45 AM	4	48	14	0	66	14	27	6	0	47	20	28	8	0	56	13	26	10	0	49	218
Total	17	159	59	0	235	68	117	16	0	201	95	147	51	0	293	60	126	32	0	218	947
09:00 AM	6	35	17	0	58	11	22	3	0	36	19	25	10	0	54	9	22	8	0	39	187
09:15 AM	5	32	16	0	53	8	15	5	0	28	17	22	10	0	49	8	26	10	0	44	174
09:30 AM	3	22	10	0	35	7	18	5	0	30	18	20	19	0	57	14	16	9	0	39	161
09:45 AM	2	15	8	0	25	5	21	3	0	29	23	17	8	0	48	10	12	8	0	30	132
Total	16	104	51	0	171	31	76	16	0	123	77	84	47	0	208	41	76	35	0	152	654
*** BREAK ***																					
04:00 PM	6	28	15	0	49	10	59	7	0	76	50	35	13	0	98	8	21	18	0	47	270
04:15 PM	2	53	11	0	66	18	66	11	0	95	44	49	13	0	106	19	31	21	0	71	338
04:30 PM	4	47	18	0	69	22	75	13	0	110	74	42	9	0	125	17	39	18	0	74	378
04:45 PM	9	35	12	0	56	21	87	20	0	128	58	45	10	1	114	13	18	20	0	51	349
Total	21	163	56	0	240	71	287	51	0	409	226	171	45	1	443	57	109	77	0	243	1335
05:00 PM	2	23	14	1	40	22	103	25	0	150	90	61	17	0	168	18	28	7	0	53	411
05:15 PM	5	30	14	0	49	12	101	29	0	142	105	66	12	0	183	29	35	9	0	73	447
05:30 PM	6	35	25	0	66	21	103	29	0	153	85	54	17	0	156	16	33	18	0	67	442
05:45 PM	6	39	18	0	63	22	110	29	0	161	72	64	10	0	146	13	41	12	0	66	436
Total	19	127	71	1	218	77	417	112	0	606	352	245	56	0	653	76	137	46	0	259	1736

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Site: 044-80  
 Loc: CR 546 Washington Crossing  
 Pennington Road & Scotch Road  
 Surveyor:

File Name : 044-80  
 Site Code : 80  
 Start Date : 10/27/2015  
 Page No : 2

### Groups Printed- Cars - Trucks

Start Time	Scotch Road Southbound					CR 546 Washington Crossing Pennington Road Westbound					Scotch Road Northbound					CR 546 Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 PM	4	21	13	0	38	14	75	16	0	105	50	30	13	0	93	12	40	18	0	70	306
06:15 PM	3	34	10	0	47	19	62	13	0	94	55	28	14	0	97	10	23	8	0	41	279
06:30 PM	6	24	9	0	39	18	59	8	0	85	42	28	10	0	80	9	17	16	0	42	246
06:45 PM	8	18	6	0	32	11	45	7	0	63	32	37	9	0	78	5	16	10	0	31	204
<b>Total</b>	<b>21</b>	<b>97</b>	<b>38</b>	<b>0</b>	<b>156</b>	<b>62</b>	<b>241</b>	<b>44</b>	<b>0</b>	<b>347</b>	<b>179</b>	<b>123</b>	<b>46</b>	<b>0</b>	<b>348</b>	<b>36</b>	<b>96</b>	<b>52</b>	<b>0</b>	<b>184</b>	<b>1035</b>
<b>Grand Total</b>	<b>129</b>	<b>839</b>	<b>343</b>	<b>1</b>	<b>1312</b>	<b>379</b>	<b>1279</b>	<b>272</b>	<b>0</b>	<b>1930</b>	<b>1077</b>	<b>1031</b>	<b>302</b>	<b>3</b>	<b>2413</b>	<b>365</b>	<b>781</b>	<b>327</b>	<b>0</b>	<b>1473</b>	<b>7128</b>
Apprch %	9.8	63.9	26.1	0.1		19.6	66.3	14.1	0		44.6	42.7	12.5	0.1		24.8	53	22.2	0		
Total %	1.8	11.8	4.8	0	18.4	5.3	17.9	3.8	0	27.1	15.1	14.5	4.2	0	33.9	5.1	11	4.6	0	20.7	
Cars	126	831	334	1	1292	369	1242	265	0	1876	1052	1027	292	3	2374	356	764	319	0	1439	6981
% Cars	97.7	99	97.4	100	98.5	97.4	97.1	97.4	0	97.2	97.7	99.6	96.7	100	98.4	97.5	97.8	97.6	0	97.7	97.9
Trucks	3	8	9	0	20	10	37	7	0	54	25	4	10	0	39	9	17	8	0	34	147
% Trucks	2.3	1	2.6	0	1.5	2.6	2.9	2.6	0	2.8	2.3	0.4	3.3	0	1.6	2.5	2.2	2.4	0	2.3	2.1

Start Time	Scotch Road Southbound					CR 546 Washington Crossing Pennington Road Westbound					Scotch Road Northbound					CR 546 Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	4	26	11	0	41	13	28	6	0	47	30	49	6	0	85	15	39	8	0	62	235
07:45 AM	3	30	14	0	47	11	34	2	0	47	29	52	10	0	91	12	45	9	0	66	251
08:00 AM	5	32	16	0	53	15	25	2	0	42	32	48	16	0	96	17	34	8	0	59	250
08:15 AM	4	36	13	0	53	25	40	7	0	72	25	37	11	0	73	17	38	7	0	62	260
<b>Total Volume</b>	<b>16</b>	<b>124</b>	<b>54</b>	<b>0</b>	<b>194</b>	<b>64</b>	<b>127</b>	<b>17</b>	<b>0</b>	<b>208</b>	<b>116</b>	<b>186</b>	<b>43</b>	<b>0</b>	<b>345</b>	<b>61</b>	<b>156</b>	<b>32</b>	<b>0</b>	<b>249</b>	<b>996</b>
% App. Total	8.2	63.9	27.8	0		30.8	61.1	8.2	0		33.6	53.9	12.5	0		24.5	62.7	12.9	0		
PHF	.800	.861	.844	.000	.915	.640	.794	.607	.000	.722	.906	.894	.672	.000	.898	.897	.867	.889	.000	.943	.958

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

Site: 044-80  
 Loc: CR 546 Washington Crossing  
 Pennington Road & Scotch Road  
 Surveyor:

File Name : 044-80  
 Site Code : 80  
 Start Date : 10/27/2015  
 Page No : 3

Start Time	Scotch Road Southbound					CR 546 Washington Crossing Pennington Road Westbound					Scotch Road Northbound					CR 546 Washington Crossing Pennington Road Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 06:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	2	23	14	1	40	22	103	25	0	150	90	61	17	0	168	18	28	7	0	53	411
05:15 PM	5	30	14	0	49	12	101	29	0	142	105	66	12	0	183	29	35	9	0	73	447
05:30 PM	6	35	25	0	66	21	103	29	0	153	85	54	17	0	156	16	33	18	0	67	442
05:45 PM	6	39	18	0	63	22	110	29	0	161	72	64	10	0	146	13	41	12	0	66	436
Total Volume	19	127	71	1	218	77	417	112	0	606	352	245	56	0	653	76	137	46	0	259	1736
% App. Total	8.7	58.3	32.6	0.5		12.7	68.8	18.5	0		53.9	37.5	8.6	0		29.3	52.9	17.8	0		
PHF	.792	.814	.710	.250	.826	.875	.948	.966	.000	.941	.838	.928	.824	.000	.892	.655	.835	.639	.000	.887	.971

# TechniQuest Corporation

4105 US Route 1, Suite # 10  
 Monmouth Junction, NJ 08852  
 732.274.9500, Fax 732.274.9510

File Name : 044-93  
 Site Code : 93  
 Start Date : 06-Oct-15  
 Page No : 1

## Directions Printed: Classification

Start Time	Motorcycles	Passenger Cars	-	Buses	Single Unit Truck	Single Unit Quarry Truck	-	Single Trailer Truck	Single Trailer Quarry Truck	-	Multi Trailer Truck	Multi Trailer Quarry Truck	-	Int. Total
06:00 AM	0	15	0	0	0	3	0	0	0	0	0	0	0	18
06:15 AM	1	18	0	0	0	4	0	0	1	0	0	0	0	24
06:30 AM	0	23	0	0	0	6	0	1	0	0	0	0	0	30
06:45 AM	0	29	0	0	0	6	0	0	2	0	0	0	0	37
Total	1	85	0	0	0	19	0	1	3	0	0	0	0	109
07:00 AM	0	32	0	0	0	7	0	0	0	0	0	0	0	39
07:15 AM	0	42	0	0	0	6	0	0	1	0	0	0	0	49
07:30 AM	0	65	0	0	0	3	0	0	0	0	0	0	0	68
07:45 AM	0	60	0	2	1	2	0	1	1	0	0	0	0	67
Total	0	199	0	2	1	18	0	1	2	0	0	0	0	223
08:00 AM	0	47	0	1	0	3	0	0	0	0	0	0	0	51
08:15 AM	0	54	0	3	0	3	0	0	1	0	0	0	0	61
08:30 AM	0	66	0	0	2	6	0	1	0	0	0	0	0	75
08:45 AM	0	48	0	1	0	3	0	0	1	0	0	0	0	53
Total	0	215	0	5	2	15	0	1	2	0	0	0	0	240
09:00 AM	0	34	0	0	2	3	0	0	0	0	0	0	0	39
09:15 AM	0	30	0	0	0	4	0	1	0	0	0	0	0	35
09:30 AM	0	18	0	0	0	3	0	0	0	0	0	0	0	21
09:45 AM	0	31	0	0	3	7	0	0	1	0	0	0	0	42
Total	0	113	0	0	5	17	0	1	1	0	0	0	0	137
Grand Total	1	612	0	7	8	69	0	4	8	0	0	0	0	709
Total %	0.1	86.3	0.0	1.0	1.1	9.7	0.0	0.6	1.1	0.0	0.0	0.0	0.0	

# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Bucks County, NJ  
 Intersection: Edgewood Rd/Oxford Valley  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-1  
 Site Code : 94  
 Start Date : 10/27/2015  
 Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Edgewood Road Westbound			Oxford Valley Road Northbound				Edgewood Road Eastbound				Int. Total
	Left	Thru	App. Total	Left	Right	RTOR	App. Total	Thru	Right	RTOR	App. Total	
07:00 AM	5	21	26	10	10	0	20	13	6	0	19	65
07:15 AM	9	38	47	8	18	0	26	34	4	2	40	113
07:30 AM	15	39	54	4	18	1	23	45	7	2	54	131
07:45 AM	6	47	53	23	23	0	46	52	13	3	68	167
Total	35	145	180	45	69	1	115	144	30	7	181	476
08:00 AM	22	48	70	14	36	0	50	59	6	1	66	186
08:15 AM	14	41	55	11	22	3	36	58	2	0	60	151
08:30 AM	21	41	62	12	16	1	29	44	5	1	50	141
08:45 AM	41	55	96	18	27	0	45	44	3	1	48	189
Total	98	185	283	55	101	4	160	205	16	3	224	667
04:30 PM	38	63	101	6	28	1	35	48	17	5	70	206
04:45 PM	12	62	74	21	24	0	45	56	13	2	71	190
Total	50	125	175	27	52	1	80	104	30	7	141	396
05:00 PM	34	68	102	26	31	0	57	65	18	1	84	243
05:15 PM	20	45	65	12	28	0	40	60	9	1	70	175
05:30 PM	28	65	93	12	21	0	33	79	13	0	92	218
05:45 PM	14	50	64	11	21	0	32	51	14	2	67	163
Total	96	228	324	61	101	0	162	255	54	4	313	799
06:00 PM	20	63	83	12	23	0	35	69	13	1	83	201
06:15 PM	25	58	83	13	25	3	41	44	12	0	56	180
Grand Total	324	804	1128	213	371	9	593	821	155	22	998	2719
Apprch %	28.7	71.3		35.9	62.6	1.5		82.3	15.5	2.2		
Total %	11.9	29.6	41.5	7.8	13.6	0.3	21.8	30.2	5.7	0.8	36.7	
Cars	316	773	1089	208	357	9	574	800	148	22	970	2633
% Cars	97.5	96.1	96.5	97.7	96.2	100	96.8	97.4	95.5	100	97.2	96.8
Heavy Vehicles	8	31	39	5	14	0	19	21	7	0	28	86
% Heavy Vehicles	2.5	3.9	3.5	2.3	3.8	0	3.2	2.6	4.5	0	2.8	3.2

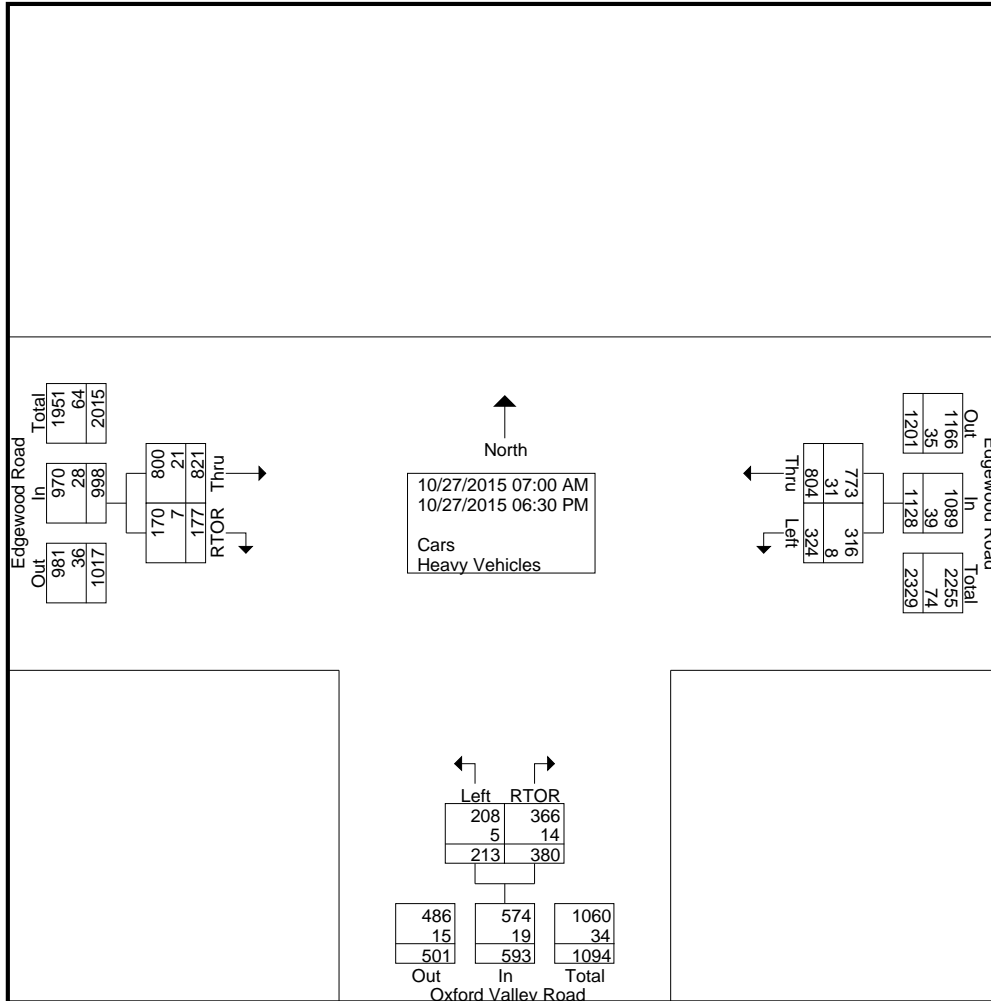


# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Bucks County, NJ  
 Intersection: Edgewood Rd/Oxford Valley  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-1  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 2



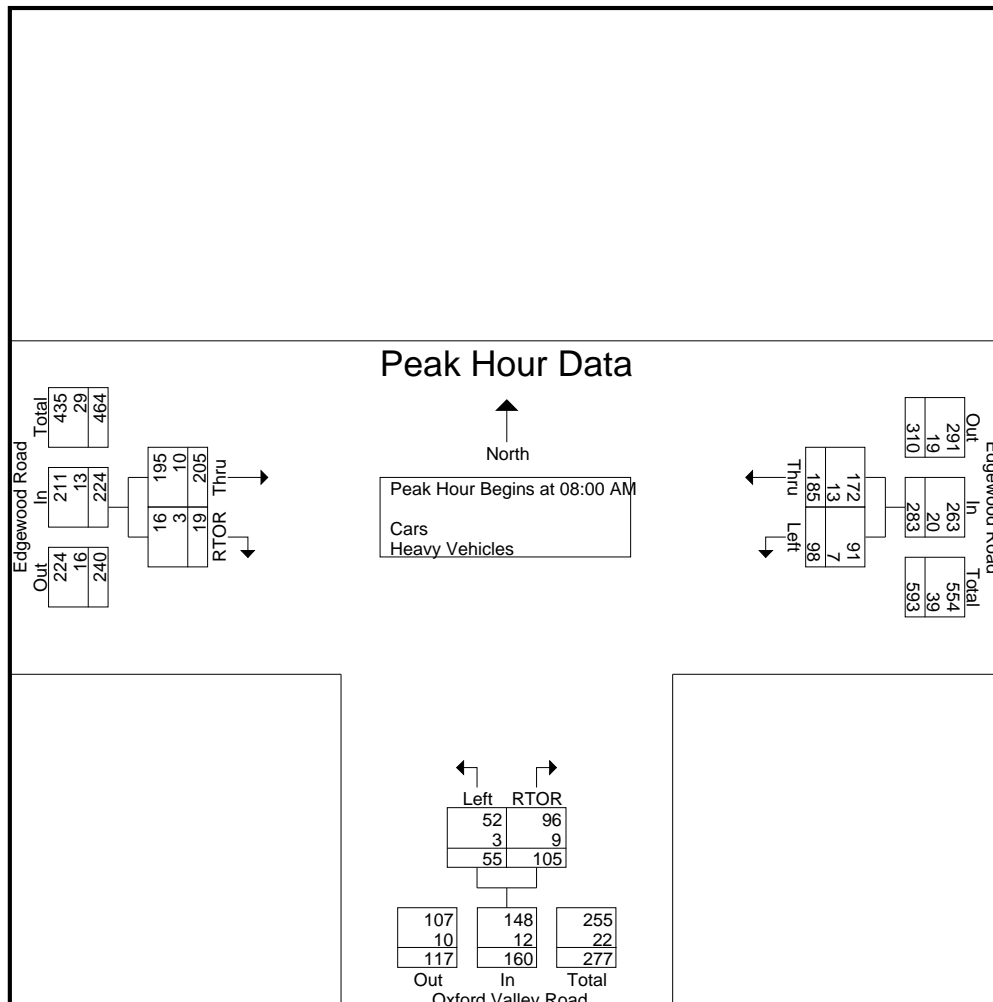
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Bucks County, NJ  
 Intersection: Edgewood Rd/Oxford Valley  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-1  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 3

Start Time	Edgewood Road Westbound			Oxford Valley Road Northbound				Edgewood Road Eastbound				Int. Total
	Left	Thru	App. Total	Left	Right	RTOR	App. Total	Thru	Right	RTOR	App. Total	
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1												
Peak Hour for Entire Intersection Begins at 08:00 AM												
08:00 AM	22	48	70	14	36	0	50	59	6	1	66	186
08:15 AM	14	41	55	11	22	3	36	58	2	0	60	151
08:30 AM	21	41	62	12	16	1	29	44	5	1	50	141
08:45 AM	41	55	96	18	27	0	45	44	3	1	48	189
Total Volume	98	185	283	55	101	4	160	205	16	3	224	667
% App. Total	34.6	65.4		34.4	63.1	2.5		91.5	7.1	1.3		
PHF	.598	.841	.737	.764	.701	.333	.800	.869	.667	.750	.848	.882
Cars	91	172	263	52	92	4	148	195	13	3	211	622
% Cars	92.9	93.0	92.9	94.5	91.1	100	92.5	95.1	81.3	100	94.2	93.3
Heavy Vehicles	7	13	20	3	9	0	12	10	3	0	13	45
% Heavy Vehicles	7.1	7.0	7.1	5.5	8.9	0	7.5	4.9	18.8	0	5.8	6.7



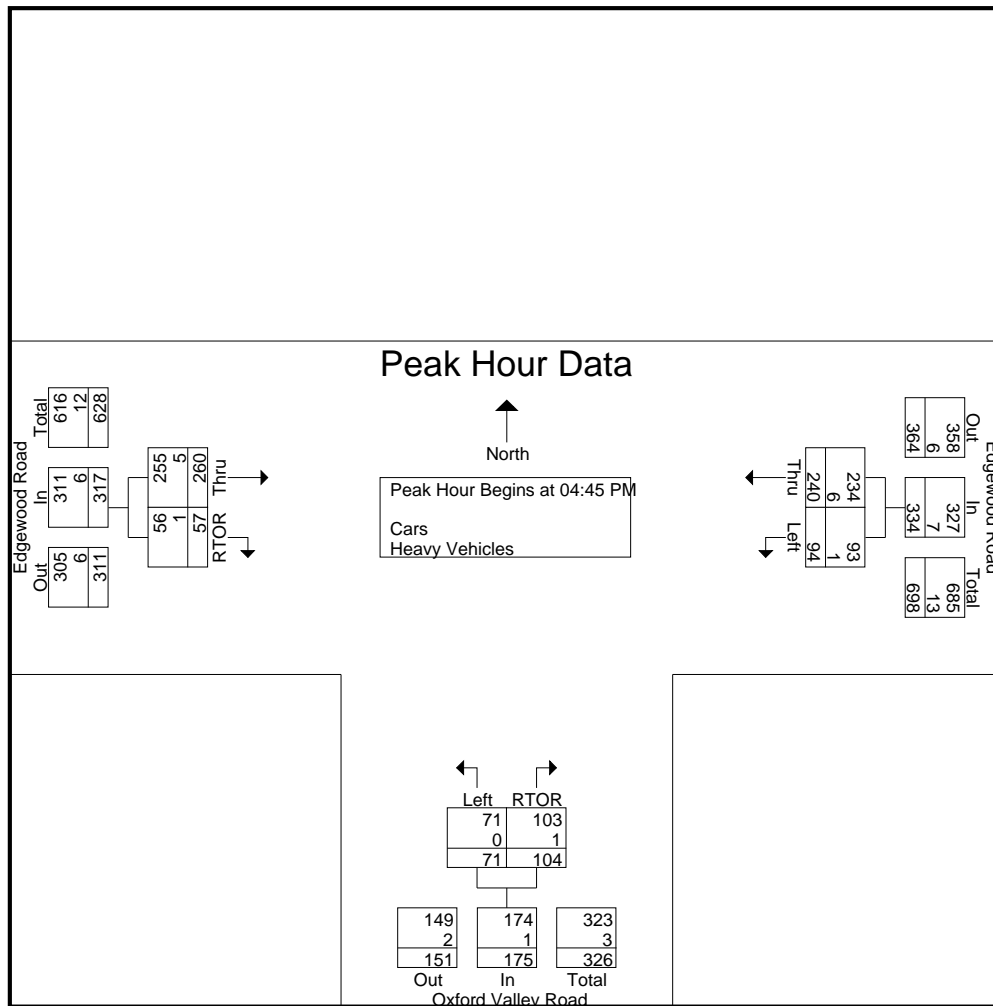
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Bucks County, NJ  
 Intersection: Edgewood Rd/Oxford Valley  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-1  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 4

Start Time	Edgewood Road Westbound			Oxford Valley Road Northbound				Edgewood Road Eastbound				Int. Total
	Left	Thru	App. Total	Left	Right	RTOR	App. Total	Thru	Right	RTOR	App. Total	
Peak Hour Analysis From 12:00 PM to 06:30 PM - Peak 1 of 1												
Peak Hour for Entire Intersection Begins at 04:45 PM												
04:45 PM	12	62	74	21	24	0	45	56	13	2	71	190
05:00 PM	34	68	102	26	31	0	57	65	18	1	84	243
05:15 PM	20	45	65	12	28	0	40	60	9	1	70	175
05:30 PM	28	65	93	12	21	0	33	79	13	0	92	218
Total Volume	94	240	334	71	104	0	175	260	53	4	317	826
% App. Total	28.1	71.9		40.6	59.4	0		82	16.7	1.3		
PHF	.691	.882	.819	.683	.839	.000	.768	.823	.736	.500	.861	.850
Cars	93	234	327	71	103	0	174	255	52	4	311	812
% Cars	98.9	97.5	97.9	100	99.0	0	99.4	98.1	98.1	100	98.1	98.3
Heavy Vehicles	1	6	7	0	1	0	1	5	1	0	6	14
% Heavy Vehicles	1.1	2.5	2.1	0	1.0	0	0.6	1.9	1.9	0	1.9	1.7



# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Bucks County, NJ  
 Intersection: Makefield Rd/Edgewood Rd  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-2  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 1

Groups Printed- Cars - Heavy Vehicles - Bicycles on Crosswalk - Pedestrians

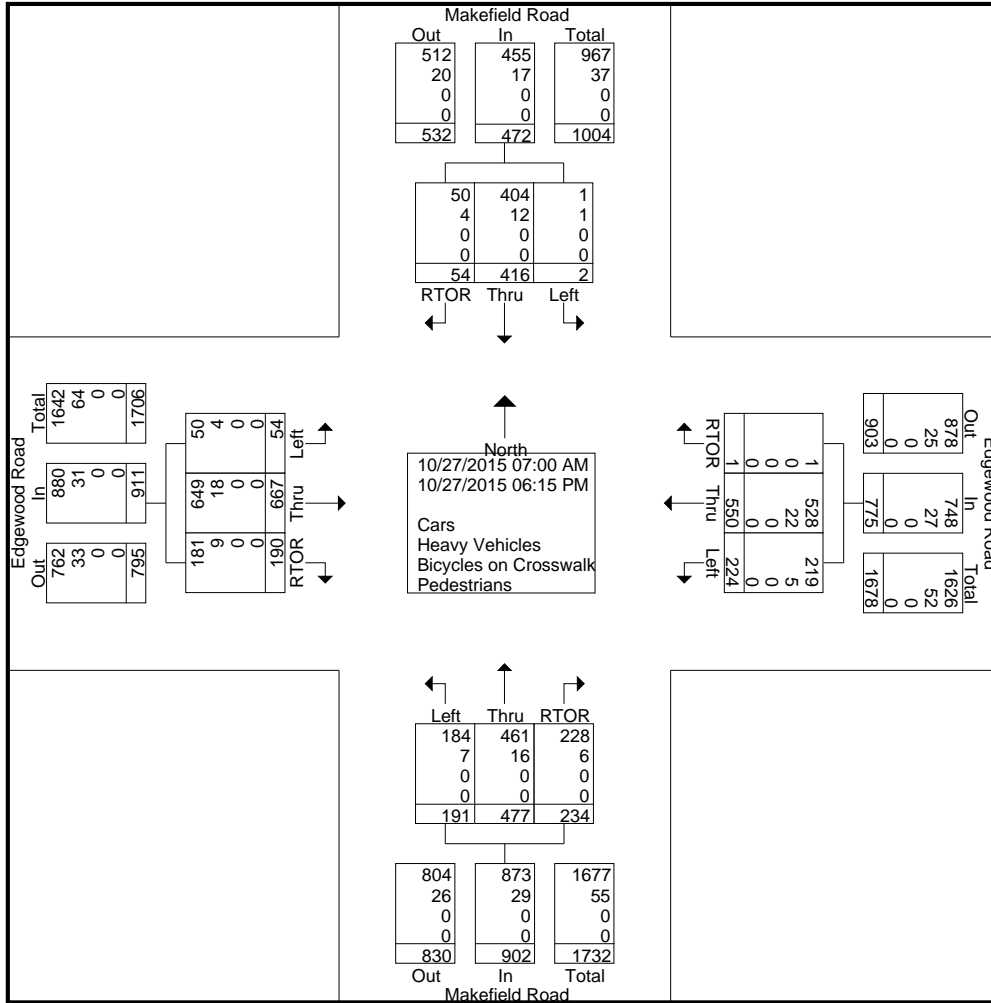
Start Time	Makefield Road Southbound					Edgewood Road Westbound					Makefield Road Northbound					Edgewood Road Eastbound					Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	
07:00 AM	0	13	0	0	13	10	9	0	0	19	13	20	7	0	40	3	19	6	5	33	105
07:15 AM	0	12	2	0	14	8	20	0	0	28	9	29	14	0	52	6	43	5	2	56	150
07:30 AM	1	24	2	2	29	12	22	0	0	34	7	24	2	0	33	5	49	9	4	67	163
07:45 AM	0	17	1	0	18	18	17	0	0	35	6	42	9	0	57	4	59	7	3	73	183
Total	1	66	5	2	74	48	68	0	0	116	35	115	32	0	182	18	170	27	14	229	601
08:00 AM	0	16	0	2	18	8	27	0	0	35	17	33	2	1	53	2	46	1	11	60	166
08:15 AM	0	17	1	0	18	14	27	0	0	41	12	21	3	1	37	7	49	2	10	68	164
08:30 AM	0	30	1	4	35	12	27	0	0	39	16	32	7	0	55	4	40	1	3	48	177
08:45 AM	1	17	0	2	20	16	41	0	0	57	18	37	10	1	66	5	53	2	5	65	208
Total	1	80	2	8	91	50	122	0	0	172	63	123	22	3	211	18	188	6	29	241	715
04:30 PM	0	51	4	2	57	19	41	0	0	60	13	16	7	4	40	5	23	12	3	43	200
04:45 PM	0	35	5	0	40	10	31	0	0	41	19	43	19	3	84	0	42	15	4	61	226
Total	0	86	9	2	97	29	72	0	0	101	32	59	26	7	124	5	65	27	7	104	426
05:00 PM	0	33	5	0	38	10	55	0	0	65	14	46	24	5	89	2	45	16	1	64	256
05:15 PM	0	31	5	0	36	20	43	0	0	63	8	31	22	4	65	3	47	13	1	64	228
05:30 PM	0	31	3	1	35	15	56	1	0	72	12	21	11	5	49	1	45	8	3	57	213
05:45 PM	0	32	2	1	35	23	40	0	0	63	7	29	23	3	62	2	38	7	1	48	208
Total	0	127	15	2	144	68	194	1	0	263	41	127	80	17	265	8	175	44	6	233	905
06:00 PM	0	30	6	0	36	9	49	0	0	58	9	29	26	1	65	2	38	15	5	60	219
06:15 PM	0	27	2	1	30	20	45	0	0	65	11	24	18	2	55	3	31	6	4	44	194
Grand Total	2	416	39	15	472	224	550	1	0	775	191	477	204	30	902	54	667	125	65	911	3060
Apprch %	0.4	88.1	8.3	3.2		28.9	71	0.1	0		21.2	52.9	22.6	3.3		5.9	73.2	13.7	7.1		
Total %	0.1	13.6	1.3	0.5	15.4	7.3	18	0	0	25.3	6.2	15.6	6.7	1	29.5	1.8	21.8	4.1	2.1	29.8	
Cars	1	404	37	13	455	219	528	1	0	748	184	461	200	28	873	50	649	120	61	880	2956
% Cars	50	97.1	94.9	86.7	96.4	97.8	96	100	0	96.5	96.3	96.6	98	93.3	96.8	92.6	97.3	96	93.8	96.6	96.6
Heavy Vehicles	1	12	2	2	17	5	22	0	0	27	7	16	4	2	29	4	18	5	4	31	104
% Heavy Vehicles	50	2.9	5.1	13.3	3.6	2.2	4	0	0	3.5	3.7	3.4	2	6.7	3.2	7.4	2.7	4	6.2	3.4	3.4
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Bucks County, NJ  
 Intersection: Makefield Rd/Edgewood Rd  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-2  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 2



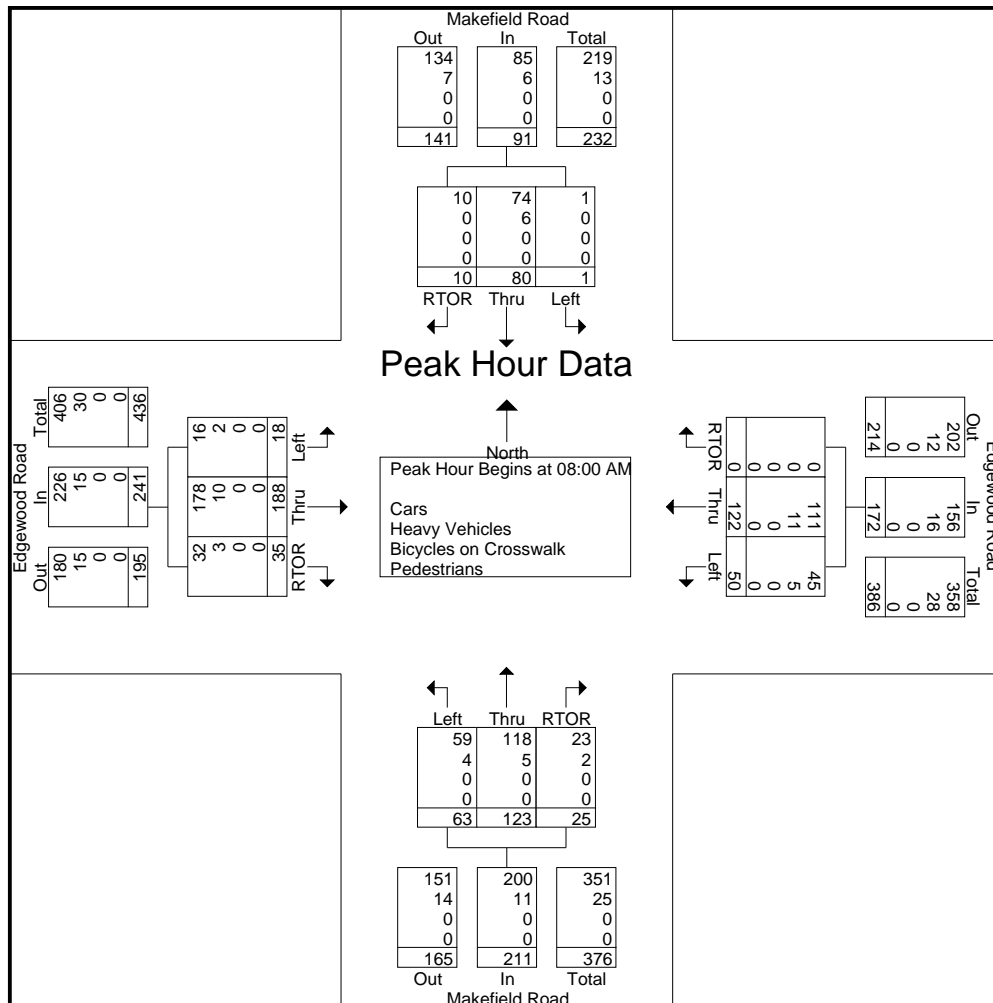
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Bucks County, NJ  
 Intersection: Makefield Rd/Edgewood Rd  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-2  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 3

Start Time	Makefield Road Southbound					Edgewood Road Westbound					Makefield Road Northbound					Edgewood Road Eastbound					Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	0	16	0	2	18	8	27	0	0	35	17	33	2	1	53	2	46	1	11	60	166
08:15 AM	0	17	1	0	18	14	27	0	0	41	12	21	3	1	37	7	49	2	10	68	164
08:30 AM	0	30	1	4	35	12	27	0	0	39	16	32	7	0	55	4	40	1	3	48	177
08:45 AM	1	17	0	2	20	16	41	0	0	57	18	37	10	1	66	5	53	2	5	65	208
Total Volume	1	80	2	8	91	50	122	0	0	172	63	123	22	3	211	18	188	6	29	241	715
% App. Total	1.1	87.9	2.2	8.8		29.1	70.9	0	0		29.9	58.3	10.4	1.4		7.5	78	2.5	12		
PHF	.250	.667	.500	.500	.650	.781	.744	.000	.000	.754	.875	.831	.550	.750	.799	.643	.887	.750	.659	.886	.859
Cars	1	74	2	8	85	45	111	0	0	156	59	118	21	2	200	16	178	6	26	226	667
% Cars	100	92.5	100	100	93.4	90.0	91.0	0	0	90.7	93.7	95.9	95.5	66.7	94.8	88.9	94.7	100	89.7	93.8	93.3
Heavy Vehicles	0	6	0	0	6	5	11	0	0	16	4	5	1	1	11	2	10	0	3	15	48
% Heavy Vehicles	0	7.5	0	0	6.6	10.0	9.0	0	0	9.3	6.3	4.1	4.5	33.3	5.2	11.1	5.3	0	10.3	6.2	6.7
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



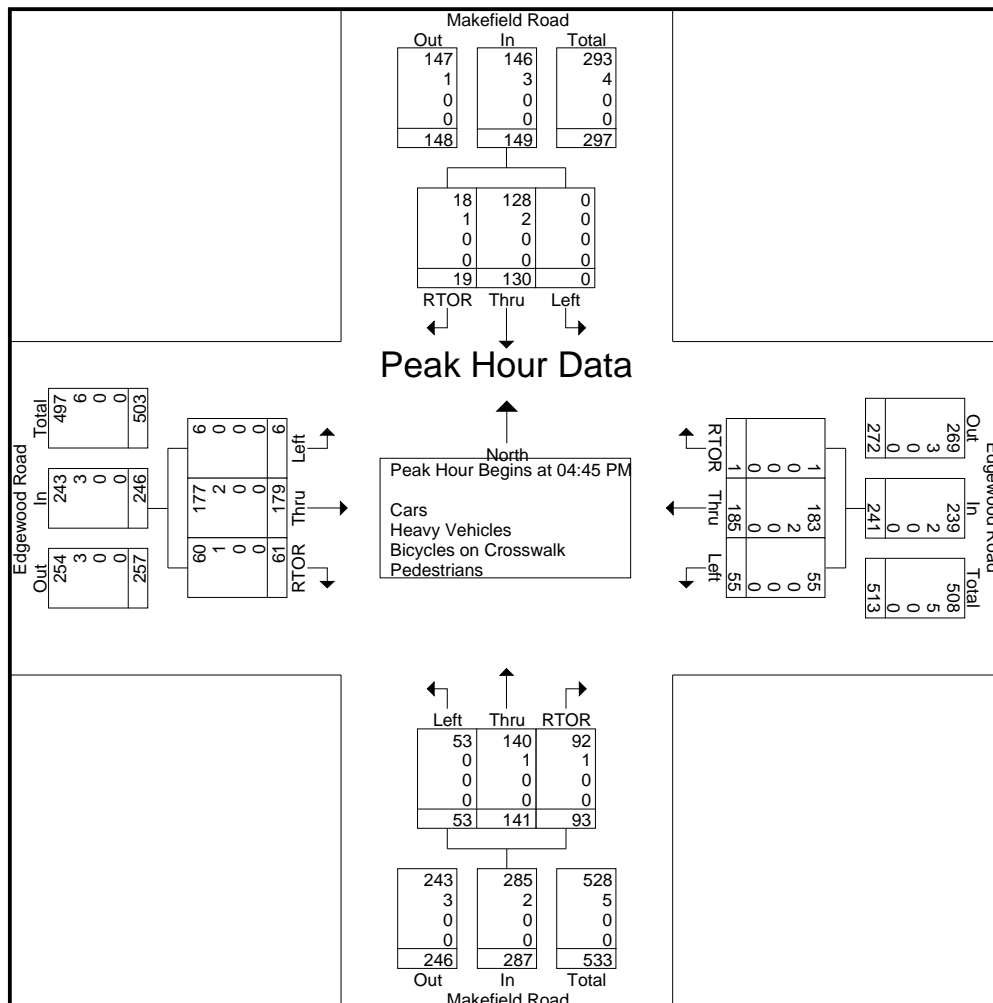
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Bucks County, NJ  
 Intersection: Makefield Rd/Edgewood Rd  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-2  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 4

Start Time	Makefield Road Southbound					Edgewood Road Westbound					Makefield Road Northbound					Edgewood Road Eastbound					Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	
Peak Hour Analysis From 12:00 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	35	5	0	40	10	31	0	0	41	19	43	19	3	84	0	42	15	4	61	226
05:00 PM	0	33	5	0	38	10	55	0	0	65	14	46	24	5	89	2	45	16	1	64	256
05:15 PM	0	31	5	0	36	20	43	0	0	63	8	31	22	4	65	3	47	13	1	64	228
05:30 PM	0	31	3	1	35	15	56	1	0	72	12	21	11	5	49	1	45	8	3	57	213
Total Volume	0	130	18	1	149	55	185	1	0	241	53	141	76	17	287	6	179	52	9	246	923
% App. Total	0	87.2	12.1	0.7		22.8	76.8	0.4	0		18.5	49.1	26.5	5.9		2.4	72.8	21.1	3.7		
PHF	.000	.929	.900	.250	.931	.688	.826	.250	.000	.837	.697	.766	.792	.850	.806	.500	.952	.813	.563	.961	.901
Cars	0	128	17	1	146	55	183	1	0	239	53	140	76	16	285	6	177	51	9	243	913
% Cars	0	98.5	94.4	100	98.0	100	98.9	100	0	99.2	100	99.3	100	94.1	99.3	100	98.9	98.1	100	98.8	98.9
Heavy Vehicles	0	2	1	0	3	0	2	0	0	2	0	1	0	1	2	0	2	1	0	3	10
% Heavy Vehicles	0	1.5	5.6	0	2.0	0	1.1	0	0	0.8	0	0.7	0	5.9	0.7	0	1.1	1.9	0	1.2	1.1
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Ewing, NJ  
 Intersection: Lower Ferry/Upper Ferry  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-3  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 1

Groups Printed- Cars - Heavy Vehicles - Bicycles on Crosswalk - Pedestrians

Start Time	Lower Ferry Road Southbound					Upper Ferry Road Westbound					Lower Ferry Road Northbound					Upper Ferry Road Eastbound					Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	
07:00 AM	15	13	7	2	37	18	23	10	16	67	6	28	14	4	52	23	14	6	2	45	201
07:15 AM	15	20	9	1	45	33	29	15	11	88	4	34	16	5	59	28	14	3	2	47	239
07:30 AM	13	23	9	1	46	24	30	23	13	90	11	55	23	6	95	28	22	4	1	55	286
07:45 AM	13	28	14	1	56	36	35	30	25	126	14	63	24	6	107	36	18	8	4	66	355
Total	56	84	39	5	184	111	117	78	65	371	35	180	77	21	313	115	68	21	9	213	1081
08:00 AM	23	28	20	3	74	36	41	19	15	111	11	65	34	8	118	35	33	17	4	89	392
08:15 AM	14	19	9	5	47	26	65	31	30	152	19	69	31	1	120	48	21	7	6	82	401
08:30 AM	18	22	11	5	56	17	61	37	11	126	12	52	17	2	83	38	26	0	0	64	329
08:45 AM	21	18	12	5	56	16	50	22	13	101	19	46	9	3	77	28	33	3	2	66	300
Total	76	87	52	18	233	95	217	109	69	490	61	232	91	14	398	149	113	27	12	301	1422
04:30 PM	68	95	45	10	218	21	32	12	6	71	6	31	23	8	68	29	62	15	1	107	464
04:45 PM	38	38	47	7	130	22	50	10	6	88	10	41	25	4	80	23	42	7	4	76	374
Total	106	133	92	17	348	43	82	22	12	159	16	72	48	12	148	52	104	22	5	183	838
05:00 PM	65	82	55	10	212	15	32	4	9	60	4	26	28	2	60	23	79	20	0	122	454
05:15 PM	46	50	34	9	139	23	31	7	12	73	4	24	17	4	49	23	41	10	1	75	336
05:30 PM	40	44	34	4	122	16	36	16	7	75	7	34	17	8	66	18	44	6	2	70	333
05:45 PM	22	37	25	3	87	14	50	14	5	83	9	20	9	7	45	18	58	8	3	87	302
Total	173	213	148	26	560	68	149	41	33	291	24	104	71	21	220	82	222	44	6	354	1425
06:00 PM	24	37	19	0	80	19	40	11	6	76	4	20	12	6	42	13	60	5	1	79	277
06:15 PM	23	26	25	1	75	17	44	13	5	79	11	25	17	7	60	13	32	2	1	48	262
Grand Total	458	580	375	67	1480	353	649	274	190	1466	151	633	316	81	1181	424	599	121	34	1178	5305
Apprch %	30.9	39.2	25.3	4.5		24.1	44.3	18.7	13		12.8	53.6	26.8	6.9		36	50.8	10.3	2.9		
Total %	8.6	10.9	7.1	1.3	27.9	6.7	12.2	5.2	3.6	27.6	2.8	11.9	6	1.5	22.3	8	11.3	2.3	0.6	22.2	
Cars	438	566	367	65	1436	334	631	251	179	1395	150	617	308	73	1148	416	560	108	27	1111	5090
% Cars	95.6	97.6	97.9	97	97	94.6	97.2	91.6	94.2	95.2	99.3	97.5	97.5	90.1	97.2	98.1	93.5	89.3	79.4	94.3	95.9
Heavy Vehicles	20	14	8	1	43	19	18	23	6	66	1	16	8	3	28	8	39	13	4	64	201
% Heavy Vehicles	4.4	2.4	2.1	1.5	2.9	5.4	2.8	8.4	3.2	4.5	0.7	2.5	2.5	3.7	2.4	1.9	6.5	10.7	11.8	5.4	3.8
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	1.1	0.1	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	1	1	0	0	0	3	3	0	0	0	5	5	0	0	0	3	3	12
% Pedestrians	0	0	0	1.5	0.1	0	0	0	1.6	0.2	0	0	0	6.2	0.4	0	0	0	8.8	0.3	0.2

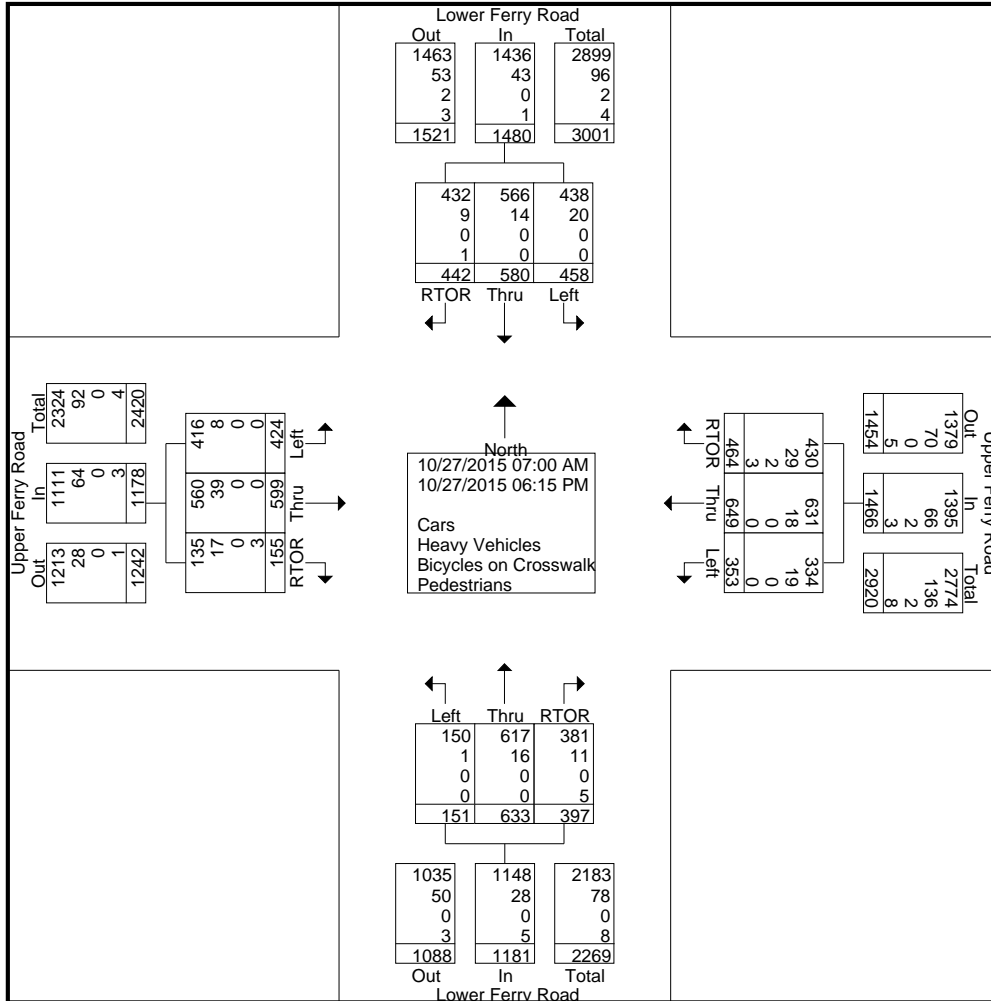


# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Ewing, NJ  
 Intersection: Lower Ferry/Upper Ferry  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-3  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 2



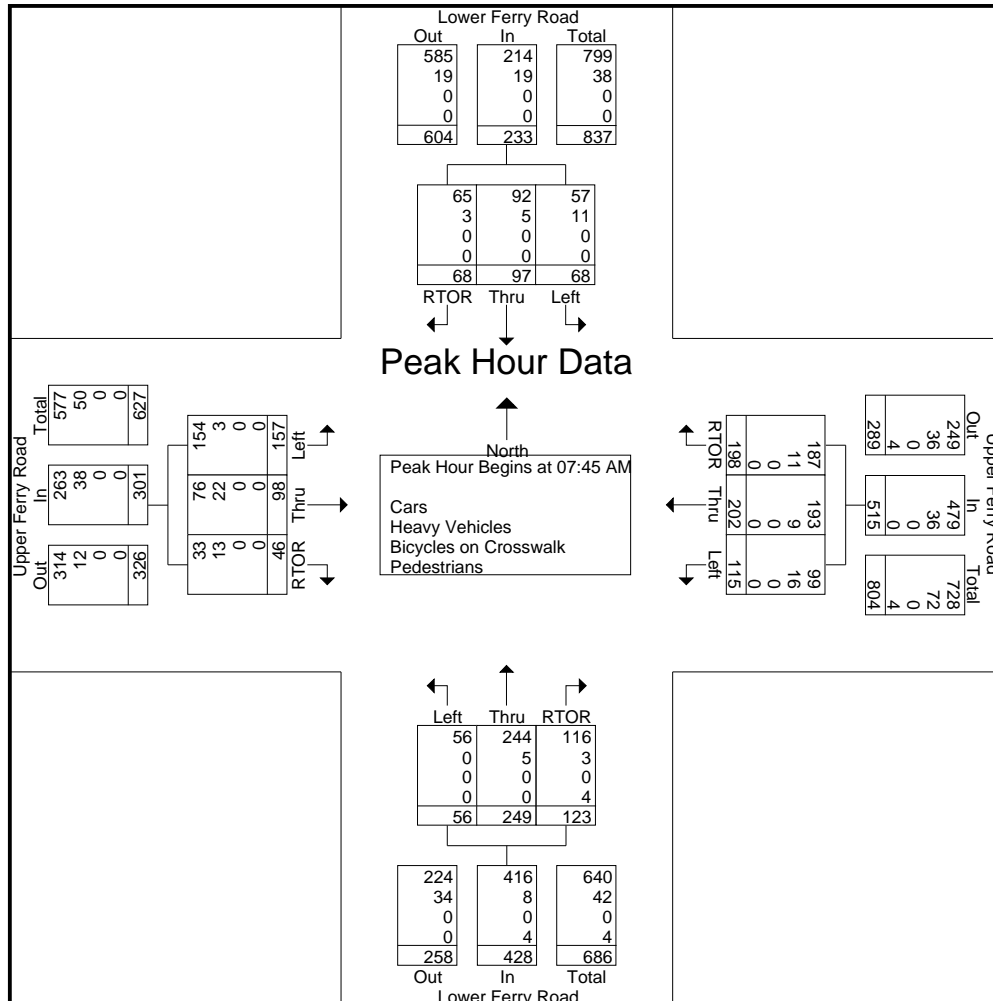
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Ewing, NJ  
 Intersection: Lower Ferry/Upper Ferry  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-3  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 3

Start Time	Lower Ferry Road Southbound					Upper Ferry Road Westbound					Lower Ferry Road Northbound					Upper Ferry Road Eastbound					Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total		
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 07:45 AM																						
07:45 AM	13	28	14	1	56	36	35	30	25	126	14	63	24	6	107	36	18	8	4	66	355	
08:00 AM	23	28	20	3	74	36	41	19	15	111	11	65	34	8	118	35	33	17	4	89	392	
08:15 AM	14	19	9	5	47	26	65	31	30	152	19	69	31	1	120	48	21	7	6	82	401	
08:30 AM	18	22	11	5	56	17	61	37	11	126	12	52	17	2	83	38	26	0	0	64	329	
Total Volume	68	97	54	14	233	115	202	117	81	515	56	249	106	17	428	157	98	32	14	301	1477	
% App. Total	29.2	41.6	23.2	6	22.3	39.2	22.7	15.7	13.1	58.2	24.8	4	52.2	32.6	10.6	4.7						
PHF	.739	.866	.675	.700	.787	.799	.777	.791	.675	.847	.737	.902	.779	.531	.892	.818	.742	.471	.583	.846	.921	
Cars	57	92	51	14	214	99	193	108	79	479	56	244	104	12	416	154	76	23	10	263	1372	
% Cars	83.8	94.8	94.4	100	91.8	86.1	95.5	92.3	97.5	93.0	100	98.0	98.1	70.6	97.2	98.1	77.6	71.9	71.4	87.4	92.9	
Heavy Vehicles	11	5	3	0	19	16	9	9	2	36	0	5	2	1	8	3	22	9	4	38	101	
% Heavy Vehicles	16.2	5.2	5.6	0	8.2	13.9	4.5	7.7	2.5	7.0	0	2.0	1.9	5.9	1.9	1.9	22.4	28.1	28.6	12.6	6.8	
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	4	
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	23.5	0.9	0	0	0	0	0	0.3	



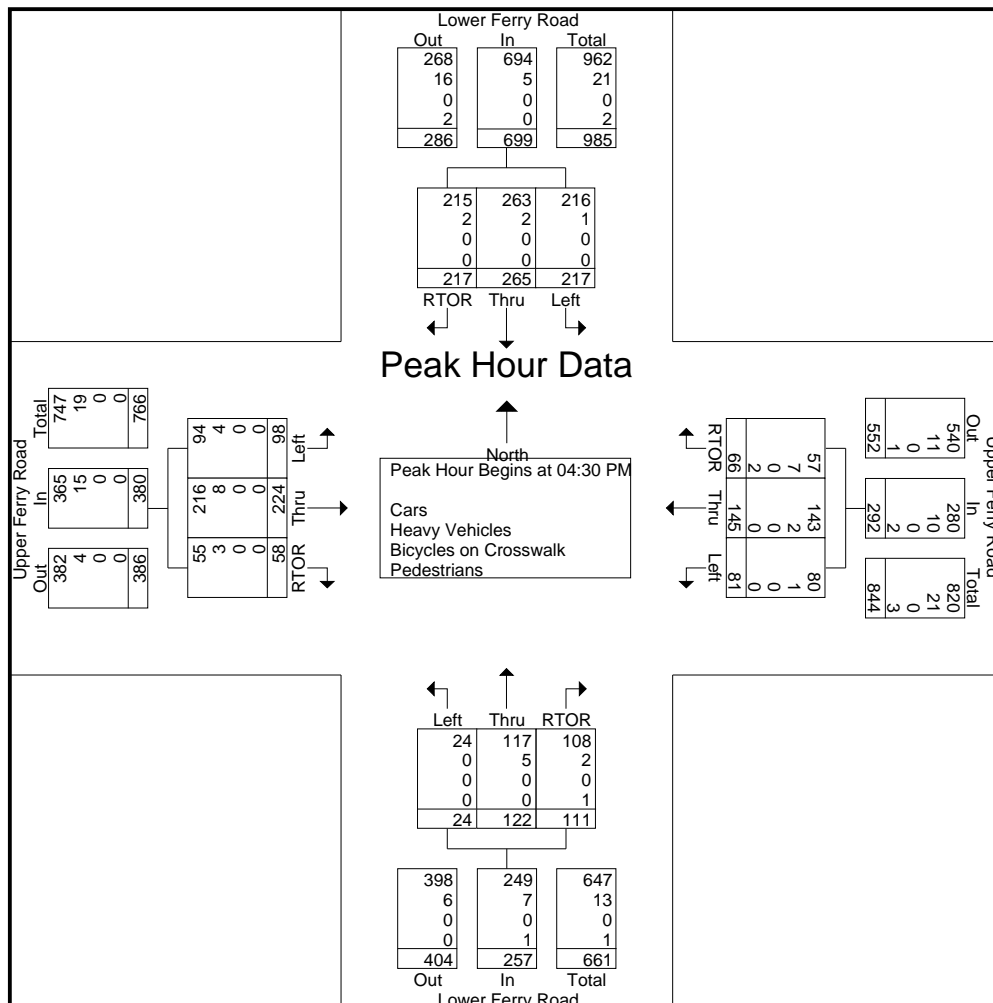
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Ewing, NJ  
 Intersection: Lower Ferry/Upper Ferry  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-3  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 4

Start Time	Lower Ferry Road Southbound					Upper Ferry Road Westbound					Lower Ferry Road Northbound					Upper Ferry Road Eastbound					Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	
Peak Hour Analysis From 12:00 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	68	95	45	10	218	21	32	12	6	71	6	31	23	8	68	29	62	15	1	107	464
04:45 PM	38	38	47	7	130	22	50	10	6	88	10	41	25	4	80	23	42	7	4	76	374
05:00 PM	65	82	55	10	212	15	32	4	9	60	4	26	28	2	60	23	79	20	0	122	454
05:15 PM	46	50	34	9	139	23	31	7	12	73	4	24	17	4	49	23	41	10	1	75	336
Total Volume	217	265	181	36	699	81	145	33	33	292	24	122	93	18	257	98	224	52	6	380	1628
% App. Total	31	37.9	25.9	5.2		27.7	49.7	11.3	11.3		9.3	47.5	36.2	7		25.8	58.9	13.7	1.6		
PHF	.798	.697	.823	.900	.802	.880	.725	.688	.688	.830	.600	.744	.830	.563	.803	.845	.709	.650	.375	.779	.877
Cars	216	263	180	35	694	80	143	28	29	280	24	117	91	17	249	94	216	49	6	365	1588
% Cars	99.5	99.2	99.4	97.2	99.3	98.8	98.6	84.8	87.9	95.9	100	95.9	97.8	94.4	96.9	95.9	96.4	94.2	100	96.1	97.5
Heavy Vehicles	1	2	1	1	5	1	2	5	2	10	0	5	2	0	7	4	8	3	0	15	37
% Heavy Vehicles	0.5	0.8	0.6	2.8	0.7	1.2	1.4	15.2	6.1	3.4	0	4.1	2.2	0	2.7	4.1	3.6	5.8	0	3.9	2.3
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	2	2	0	0	0	1	1	0	0	0	0	0	3
% Pedestrians	0	0	0	0	0	0	0	0	6.1	0.7	0	0	0	5.6	0.4	0	0	0	0	0	0.2



# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Ewing, NJ  
 Intersection: Rt 31/Upper Ferry Rd  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-4  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 1

Groups Printed- Cars - Heavy Vehicles - Bicycles on Crosswalk - Pedestrians

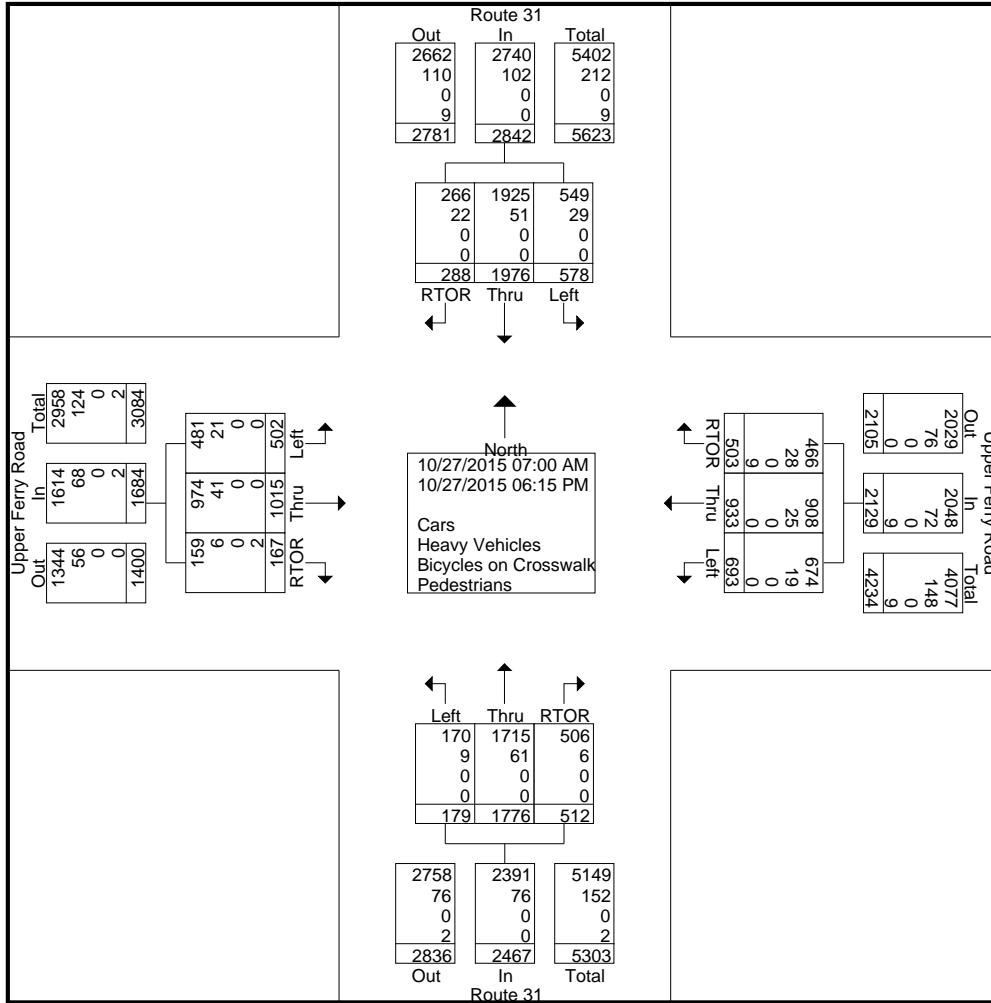
Start Time	Route 31 Southbound					Upper Ferry Road Westbound					Route 31 Northbound					Upper Ferry Road Eastbound					Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	
07:00 AM	23	86	9	0	118	42	40	16	9	107	2	87	20	3	112	27	29	3	1	60	397
07:15 AM	19	91	10	0	120	44	58	16	5	123	10	91	21	9	131	22	50	2	2	76	450
07:30 AM	30	119	22	1	172	50	49	32	4	135	14	125	32	3	174	33	59	4	6	102	583
07:45 AM	31	153	33	3	220	40	65	35	3	143	19	103	29	4	155	30	47	4	2	83	601
Total	103	449	74	4	630	176	212	99	21	508	45	406	102	19	572	112	185	13	11	321	2031
08:00 AM	31	129	23	1	184	30	62	31	2	125	18	93	32	1	144	29	59	11	3	102	555
08:15 AM	44	111	14	4	173	34	89	26	2	151	26	103	27	0	156	29	46	9	6	90	570
08:30 AM	37	160	22	1	220	51	68	21	1	141	16	77	23	4	120	28	35	7	4	74	555
08:45 AM	36	153	13	0	202	47	61	34	5	147	15	78	28	8	129	20	54	5	6	85	563
Total	148	553	72	6	779	162	280	112	10	564	75	351	110	13	549	106	194	32	19	351	2243
04:30 PM	37	134	13	4	188	45	35	34	9	123	8	163	39	5	215	58	105	11	2	176	702
04:45 PM	59	130	16	2	207	50	63	25	1	139	6	159	37	1	203	36	82	11	7	136	685
Total	96	264	29	6	395	95	98	59	10	262	14	322	76	6	418	94	187	22	9	312	1387
05:00 PM	33	135	6	1	175	53	45	34	4	136	1	179	35	3	218	44	108	17	3	172	701
05:15 PM	39	146	11	3	199	44	59	34	8	145	3	123	24	2	152	38	80	5	4	127	623
05:30 PM	50	104	16	0	170	57	58	26	9	150	6	126	28	3	163	34	73	3	8	118	601
05:45 PM	35	116	5	12	168	39	70	29	2	140	10	99	25	2	136	26	66	1	2	95	539
Total	157	501	38	16	712	193	232	123	23	571	20	527	112	10	669	142	327	26	17	512	2464
06:00 PM	36	96	12	12	156	31	43	21	5	100	10	79	19	8	116	24	74	5	3	106	478
06:15 PM	38	113	19	0	170	36	68	17	3	124	15	91	31	6	143	24	48	4	6	82	519
Grand Total	578	1976	244	44	2842	693	933	431	72	2129	179	1776	450	62	2467	502	1015	102	65	1684	9122
Apprch %	20.3	69.5	8.6	1.5		32.6	43.8	20.2	3.4		7.3	72	18.2	2.5		29.8	60.3	6.1	3.9		
Total %	6.3	21.7	2.7	0.5	31.2	7.6	10.2	4.7	0.8	23.3	2	19.5	4.9	0.7	27	5.5	11.1	1.1	0.7	18.5	
Cars	549	1925	224	42	2740	674	908	406	60	2048	170	1715	444	62	2391	481	974	98	61	1614	8793
% Cars	95	97.4	91.8	95.5	96.4	97.3	97.3	94.2	83.3	96.2	95	96.6	98.7	100	96.9	95.8	96	96.1	93.8	95.8	96.4
Heavy Vehicles	29	51	20	2	102	19	25	25	3	72	9	61	6	0	76	21	41	4	2	68	318
% Heavy Vehicles	5	2.6	8.2	4.5	3.6	2.7	2.7	5.8	4.2	3.4	5	3.4	1.3	0	3.1	4.2	4	3.9	3.1	4	3.5
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0	0	0	2	2	11
% Pedestrians	0	0	0	0	0	0	0	0	12.5	0.4	0	0	0	0	0	0	0	0	3.1	0.1	0.1

# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Ewing, NJ  
 Intersection: Rt 31/Upper Ferry Rd  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-4  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 2



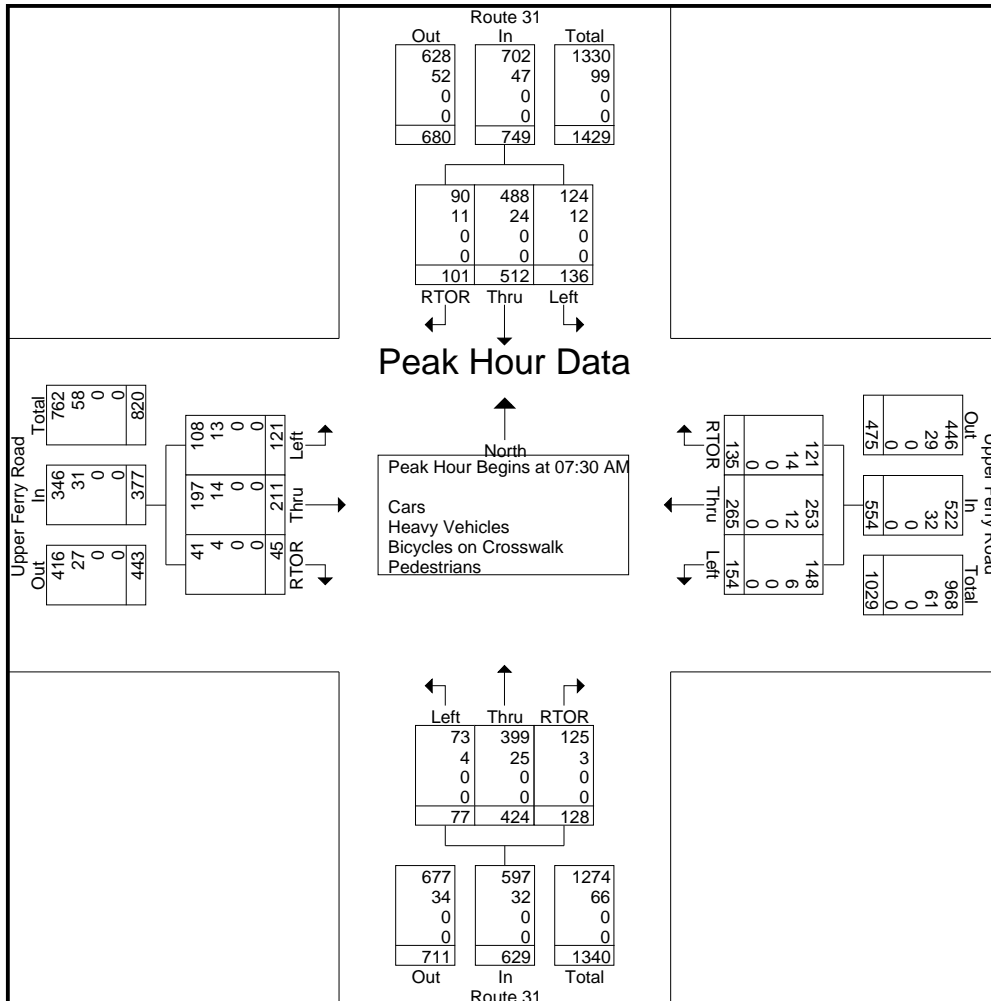
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Ewing, NJ  
 Intersection: Rt 31/Upper Ferry Rd  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-4  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 3

Start Time	Route 31 Southbound					Upper Ferry Road Westbound					Route 31 Northbound					Upper Ferry Road Eastbound					Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	30	119	22	1	172	50	49	32	4	135	14	125	32	3	174	33	59	4	6	102	583
07:45 AM	31	153	33	3	220	40	65	35	3	143	19	103	29	4	155	30	47	4	2	83	601
08:00 AM	31	129	23	1	184	30	62	31	2	125	18	93	32	1	144	29	59	11	3	102	555
08:15 AM	44	111	14	4	173	34	89	26	2	151	26	103	27	0	156	29	46	9	6	90	570
Total Volume	136	512	92	9	749	154	265	124	11	554	77	424	120	8	629	121	211	28	17	377	2309
% App. Total	18.2	68.4	12.3	1.2		27.8	47.8	22.4	2		12.2	67.4	19.1	1.3		32.1	56	7.4	4.5		
PHF	.773	.837	.697	.563	.851	.770	.744	.886	.688	.917	.740	.848	.938	.500	.904	.917	.894	.636	.708	.924	.960
Cars	124	488	81	9	702	148	253	111	10	522	73	399	117	8	597	108	197	24	17	346	2167
% Cars	91.2	95.3	88.0	100	93.7	96.1	95.5	89.5	90.9	94.2	94.8	94.1	97.5	100	94.9	89.3	93.4	85.7	100	91.8	93.9
Heavy Vehicles	12	24	11	0	47	6	12	13	1	32	4	25	3	0	32	13	14	4	0	31	142
% Heavy Vehicles	8.8	4.7	12.0	0	6.3	3.9	4.5	10.5	9.1	5.8	5.2	5.9	2.5	0	5.1	10.7	6.6	14.3	0	8.2	6.1
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



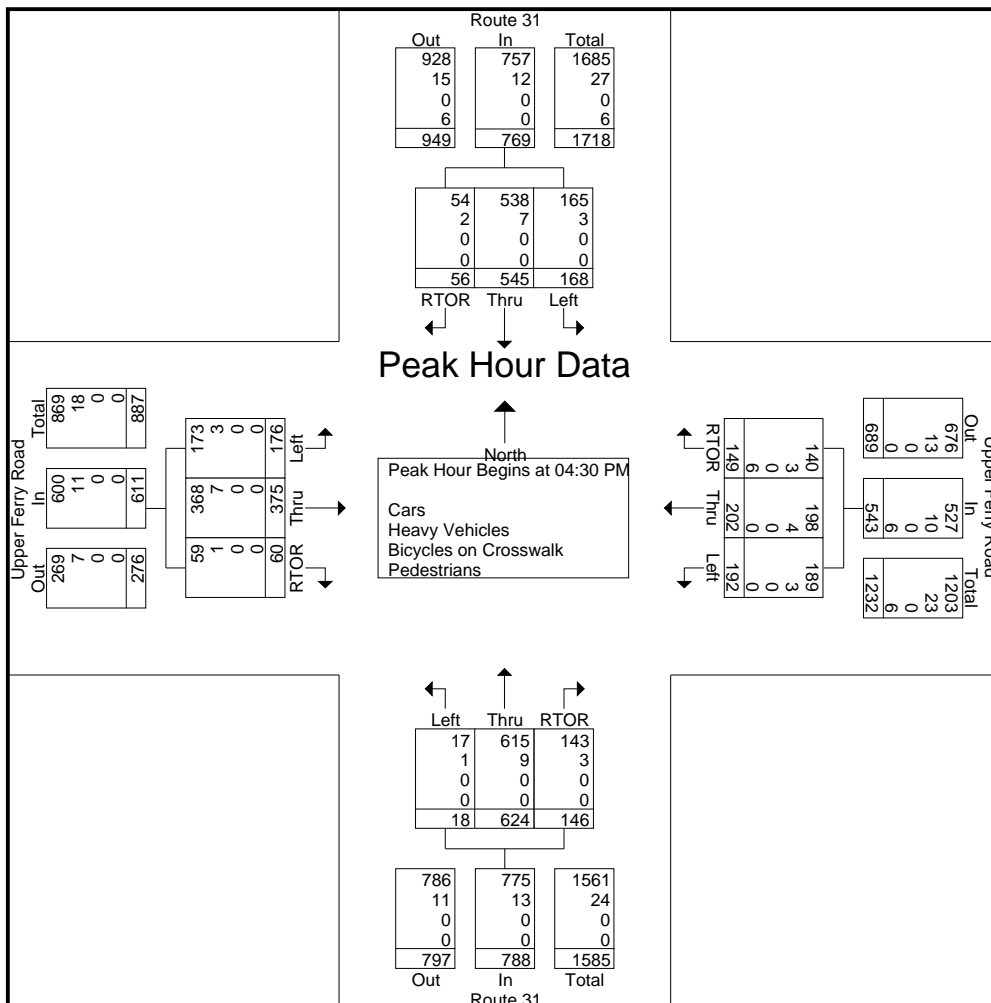
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Ewing, NJ  
 Intersection: Rt 31/Upper Ferry Rd  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-4  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 4

Start Time	Route 31 Southbound					Upper Ferry Road Westbound					Route 31 Northbound					Upper Ferry Road Eastbound					Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	
Peak Hour Analysis From 12:00 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	37	134	13	4	188	45	35	34	9	123	8	163	39	5	215	58	105	11	2	176	702
04:45 PM	59	130	16	2	207	50	63	25	1	139	6	159	37	1	203	36	82	11	7	136	685
05:00 PM	33	135	6	1	175	53	45	34	4	136	1	179	35	3	218	44	108	17	3	172	701
05:15 PM	39	146	11	3	199	44	59	34	8	145	3	123	24	2	152	38	80	5	4	127	623
Total Volume	168	545	46	10	769	192	202	127	22	543	18	624	135	11	788	176	375	44	16	611	2711
% App. Total	21.8	70.9	6	1.3		35.4	37.2	23.4	4.1		2.3	79.2	17.1	1.4		28.8	61.4	7.2	2.6		
PHF	.712	.933	.719	.625	.929	.906	.802	.934	.611	.936	.563	.872	.865	.550	.904	.759	.868	.647	.571	.868	.965
Cars	165	538	44	10	757	189	198	124	16	527	17	615	132	11	775	173	368	44	15	600	2659
% Cars	98.2	98.7	95.7	100	98.4	98.4	98.0	97.6	72.7	97.1	94.4	98.6	97.8	100	98.4	98.3	98.1	100	93.8	98.2	98.1
Heavy Vehicles	3	7	2	0	12	3	4	3	0	10	1	9	3	0	13	3	7	0	1	11	46
% Heavy Vehicles	1.8	1.3	4.3	0	1.6	1.6	2.0	2.4	0	1.8	5.6	1.4	2.2	0	1.6	1.7	1.9	0	6.3	1.8	1.7
Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bicycles on Crosswalk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrians	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	6
% Pedestrians	0	0	0	0	0	0	0	0	27.3	1.1	0	0	0	0	0	0	0	0	0	0	0.2



# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: W State St/Calhoun St  
 Date: Tuesday, October 27, 2015  
 Counter: PB/RZ

File Name : AJ1027-5  
 Site Code : 00000000  
 Start Date : 10/27/2015  
 Page No : 1

## Groups Printed- Cars - Heavy Vehicles - RTOR/To Ramp

Start Time	CALHOON STREET Southbound					W STATE STREET Westbound					CALHOON STREET Northbound					W STATE STREET Eastbound					Int. Total
	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total	
07:00 AM	2	35	11	7	55	1	28	4	4	37	89	92	38	0	219	3	24	41	2	70	381
07:15 AM	4	41	32	20	97	4	37	5	1	47	71	105	46	2	224	22	45	60	10	137	505
07:30 AM	2	56	17	18	93	3	41	4	3	51	64	137	53	6	260	32	42	58	10	142	546
07:45 AM	4	43	9	20	76	4	29	6	4	43	52	143	103	6	304	14	34	48	0	96	519
Total	12	175	69	65	321	12	135	19	12	178	276	477	240	14	1007	71	145	207	22	445	1951
08:00 AM	4	56	4	19	83	7	25	9	5	46	39	158	79	6	282	13	36	34	5	88	499
08:15 AM	6	59	6	15	86	7	29	3	5	44	44	165	97	2	308	5	57	36	3	101	539
08:30 AM	10	40	6	19	75	3	15	3	6	27	40	119	100	4	263	13	41	33	2	89	454
08:45 AM	5	48	6	14	73	6	23	8	2	39	44	144	98	2	288	9	49	53	2	113	513
Total	25	203	22	67	317	23	92	23	18	156	167	586	374	14	1141	40	183	156	12	391	2005
04:30 PM	5	169	15	15	204	41	43	7	7	98	30	84	24	6	144	4	44	76	1	125	571
04:45 PM	1	132	12	29	174	28	40	13	4	85	37	82	15	4	138	11	30	43	2	86	483
Total	6	301	27	44	378	69	83	20	11	183	67	166	39	10	282	15	74	119	3	211	1054
05:00 PM	7	148	15	29	199	49	39	9	4	101	40	70	10	0	120	15	53	61	8	137	557
05:15 PM	7	96	16	21	140	27	39	11	6	83	44	80	9	3	136	8	29	64	10	111	470
05:30 PM	3	88	6	20	117	16	30	5	3	54	36	72	7	1	116	4	48	58	5	115	402
05:45 PM	5	87	12	19	123	11	32	6	2	51	32	61	10	2	105	13	38	64	7	122	401
Total	22	419	49	89	579	103	140	31	15	289	152	283	36	6	477	40	168	247	30	485	1830
06:00 PM	1	80	10	15	106	14	27	4	6	51	37	75	6	8	126	8	23	54	2	87	370
06:15 PM	3	65	6	15	89	3	19	3	3	28	35	68	15	3	121	11	36	56	0	103	341
Grand Total	69	1243	183	295	1790	224	496	100	65	885	734	1655	710	55	3154	185	629	839	69	1722	7551
Apprch %	3.9	69.4	10.2	16.5		25.3	56	11.3	7.3		23.3	52.5	22.5	1.7		10.7	36.5	48.7	4		
Total %	0.9	16.5	2.4	3.9	23.7	3	6.6	1.3	0.9	11.7	9.7	21.9	9.4	0.7	41.8	2.5	8.3	11.1	0.9	22.8	
Cars	61	1240										1646									
% Cars	88.4	99.8	78.1	32.9	86.1	92	92.5	70	13.8	84.1	98.4	99.5	78.9	98.2	94.5	97.8	94.1	98.6	34.8	94.3	91.3
Heavy Vehicles																					
% Heavy Vehicles	11.6	0.2	0	1	0.8	0	7.3	7	0	4.9	0.4	0.5	0.7	0	0.5	2.2	5.7	0.8	0	2.7	1.6
RTOR/To Ramp																					
% RTOR/To Ramp	0	0	21.9	66.1	13.1	8	0.2	23	86.2	11.1	1.2	0	20.4	1.8	4.9	0	0.2	0.6	65.2	3	7.1

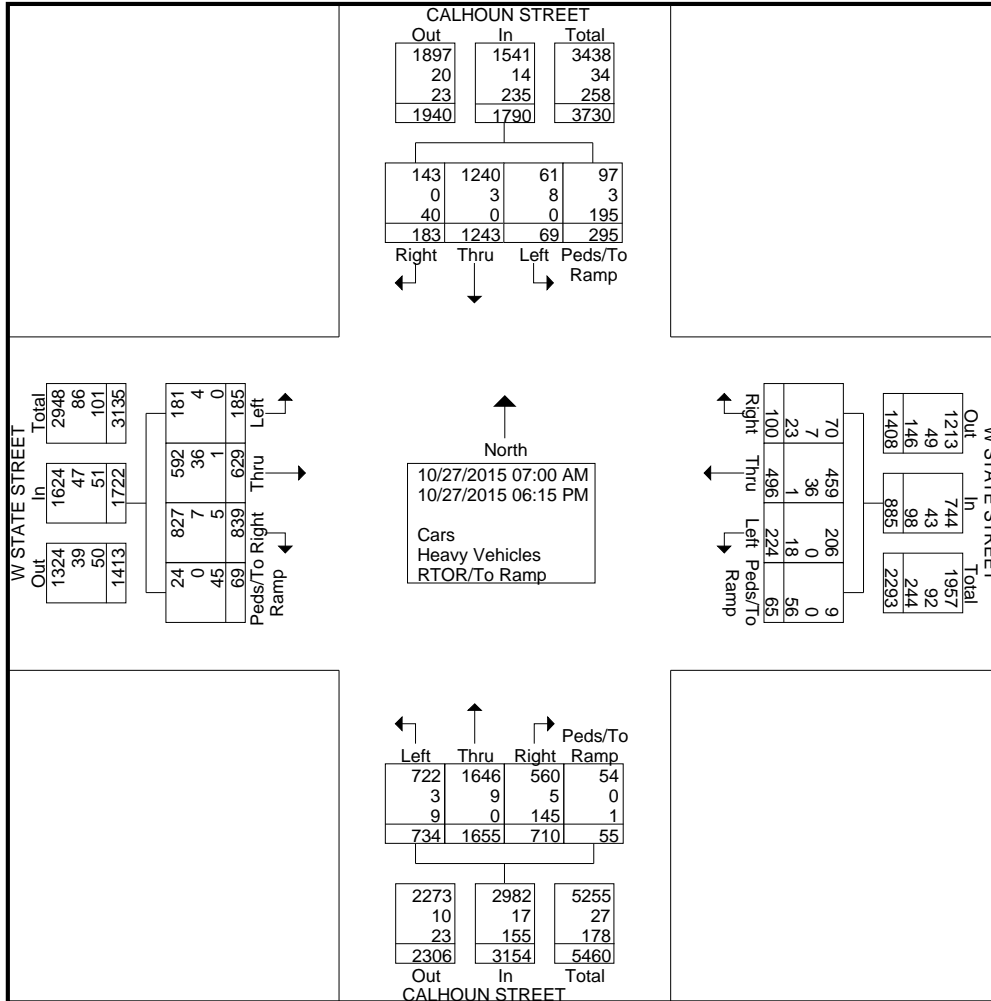


# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: W State St/Calhoun St  
 Date: Tuesday, October 27, 2015  
 Counter: PB/RZ

File Name : AJ1027-5  
 Site Code : 00000000  
 Start Date : 10/27/2015  
 Page No : 2



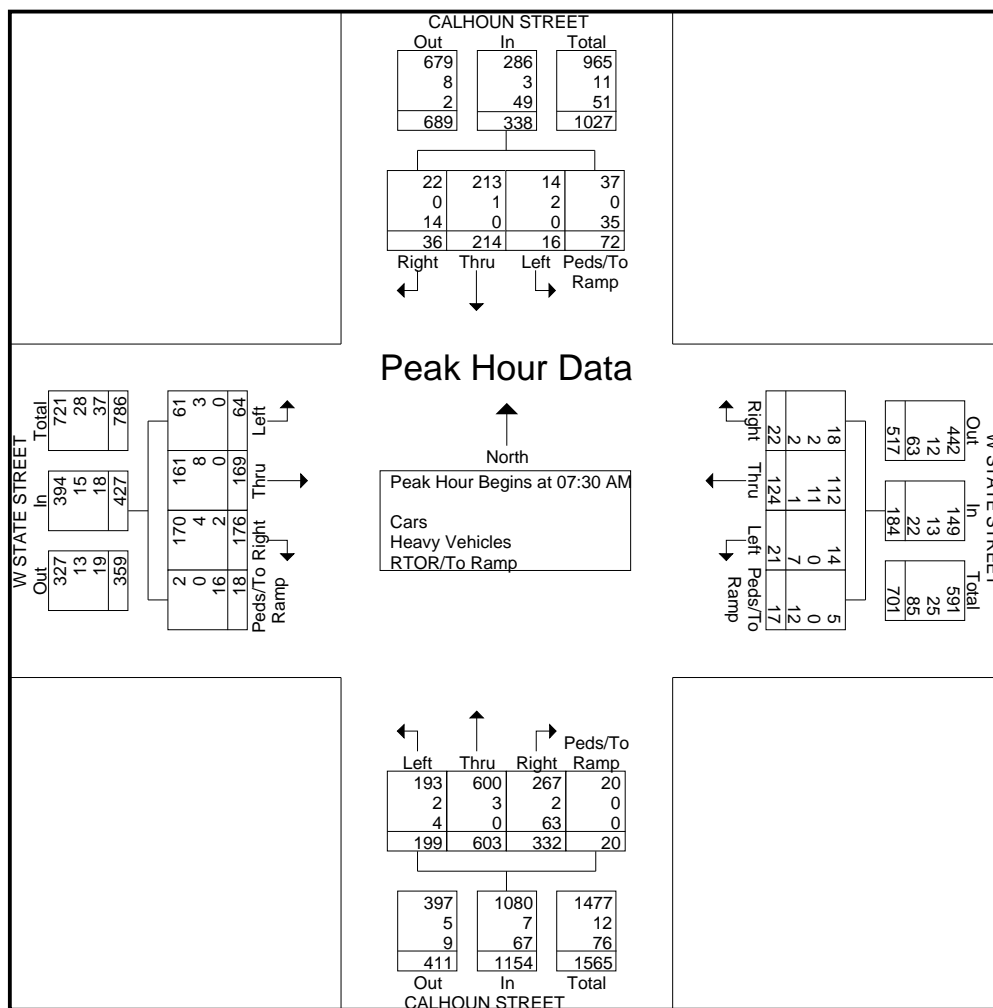
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: W State St/Calhoun St  
 Date: Tuesday, October 27, 2015  
 Counter: PB/RZ

File Name : AJ1027-5  
 Site Code : 00000000  
 Start Date : 10/27/2015  
 Page No : 3

Start Time	CALHOUN STREET Southbound					W STATE STREET Westbound					CALHOUN STREET Northbound					W STATE STREET Eastbound					Int. Total	
	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total		
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 07:30 AM																						
07:30 AM	2	56	17	18	93	3	41	4	3	51	64	137	53	6	260	32	42	58	10	142	546	
07:45 AM	4	43	9	20	76	4	29	6	4	43	52	143	103	6	304	14	34	48	0	96	519	
08:00 AM	4	56	4	19	83	7	25	9	5	46	39	158	79	6	282	13	36	34	5	88	499	
08:15 AM	6	59	6	15	86	7	29	3	5	44	44	165	97	2	308	5	57	36	3	101	539	
Total Volume	16	214	36	72	338	21	124	22	17	184	199	603	332	20	1154	64	169	176	18	427	2103	
% App. Total	4.7	63.3	10.7	21.3	11.4	67.4	12	9.2	17.2	52.3	28.8	1.7	15	39.6	41.2	4.2						
PHF	.667	.907	.529	.900	.909	.750	.756	.611	.850	.902	.777	.914	.806	.833	.937	.500	.741	.759	.450	.752	.963	
Cars	14	213	22	37	286	14	112	18	5	149	193	600	267	20	1080	61	161	170	2	394	1909	
% Cars	87.5	99.5	61.1	51.4	84.6	66.7	90.3	81.8	29.4	81.0	97.0	99.5	80.4	100	93.6	95.3	95.3	96.6	11.1	92.3	90.8	
Heavy Vehicles																						
% Heavy Vehicles	12.5	0.5	0	0	0.9	0	8.9	9.1	0	7.1	1.0	0.5	0.6	0	0.6	4.7	4.7	2.3	0	3.5	1.8	
RTOR/To Ramp																						
% RTOR/To Ramp	0	0	38.9	48.6	14.5	33.3	0.8	9.1	70.6	12.0	2.0	0	19.0	0	5.8	0	0	1.1	88.9	4.2	7.4	



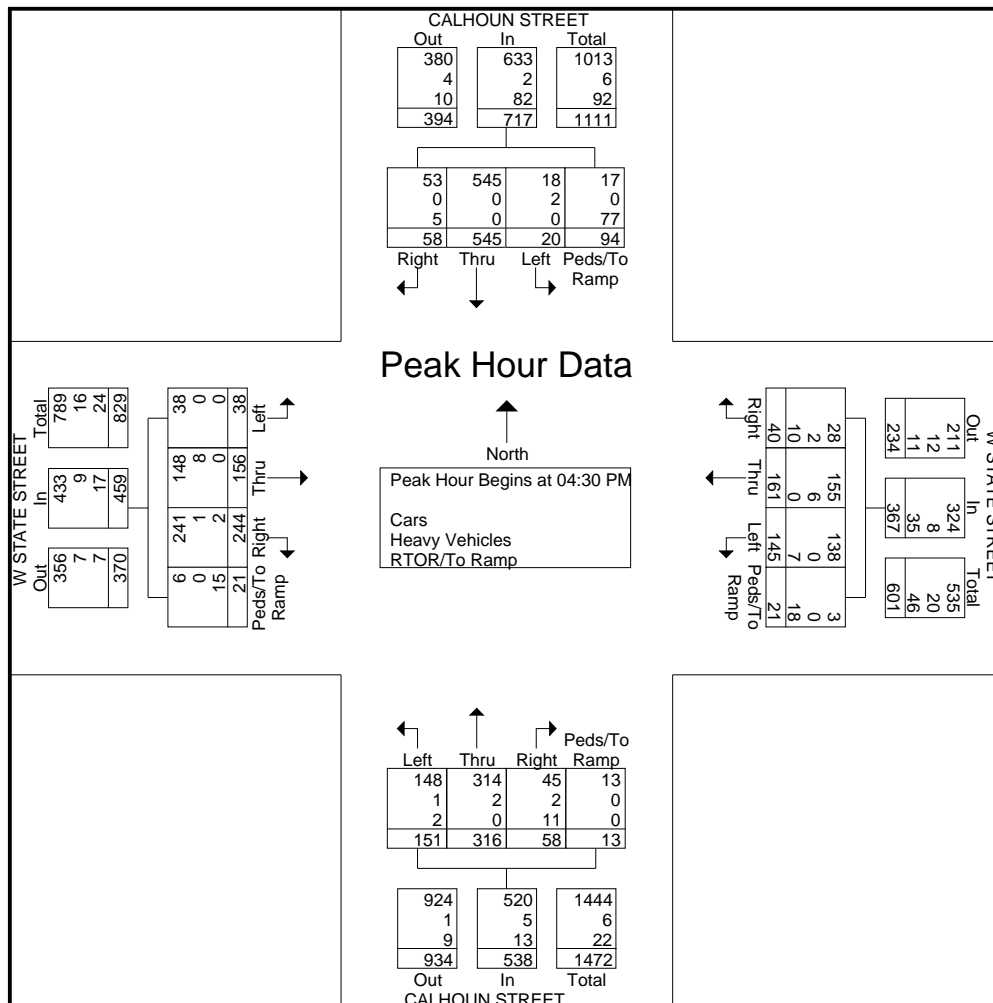
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: W State St/Calhoun St  
 Date: Tuesday, October 27, 2015  
 Counter: PB/RZ

File Name : AJ1027-5  
 Site Code : 00000000  
 Start Date : 10/27/2015  
 Page No : 4

Start Time	CALHOUN STREET Southbound					W STATE STREET Westbound					CALHOUN STREET Northbound					W STATE STREET Eastbound					Int. Total
	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total	Left	Thru	Right	Peds/To Ramp	App. Total	
Peak Hour Analysis From 12:00 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	5	169	15	15	204	41	43	7	7	98	30	84	24	6	144	4	44	76	1	125	571
04:45 PM	1	132	12	29	174	28	40	13	4	85	37	82	15	4	138	11	30	43	2	86	483
05:00 PM	7	148	15	29	199	49	39	9	4	101	40	70	10	0	120	15	53	61	8	137	557
05:15 PM	7	96	16	21	140	27	39	11	6	83	44	80	9	3	136	8	29	64	10	111	470
Total Volume	20	545	58	94	717	145	161	40	21	367	151	316	58	13	538	38	156	244	21	459	2081
% App. Total	2.8	76	8.1	13.1		39.5	43.9	10.9	5.7		28.1	58.7	10.8	2.4		8.3	34	53.2	4.6		
PHF	.714	.806	.906	.810	.879	.740	.936	.769	.750	.908	.858	.940	.604	.542	.934	.633	.736	.803	.525	.838	.911
Cars	18	545	53	17	633	138	155	28	3	324	148	314	45	13	520	38	148	241	6	433	1910
% Cars	90.0	100	91.4	18.1	88.3	95.2	96.3	70.0	14.3	88.3	98.0	99.4	77.6	100	96.7	100	94.9	98.8	28.6	94.3	91.8
Heavy Vehicles																					
% Heavy Vehicles	10.0	0	0	0	0.3	0	3.7	5.0	0	2.2	0.7	0.6	3.4	0	0.9	0	5.1	0.4	0	2.0	1.2
RTOR/To Ramp																					
% RTOR/To Ramp	0	0	8.6	81.9	11.4	4.8	0	25.0	85.7	9.5	1.3	0	19.0	0	2.4	0	0	0.8	71.4	3.7	7.1



# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: Willow St/W State St  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-6  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 1

Groups Printed- Cars - Heavy Vehicles - Bicycles on Crosswalk - Pedestrians

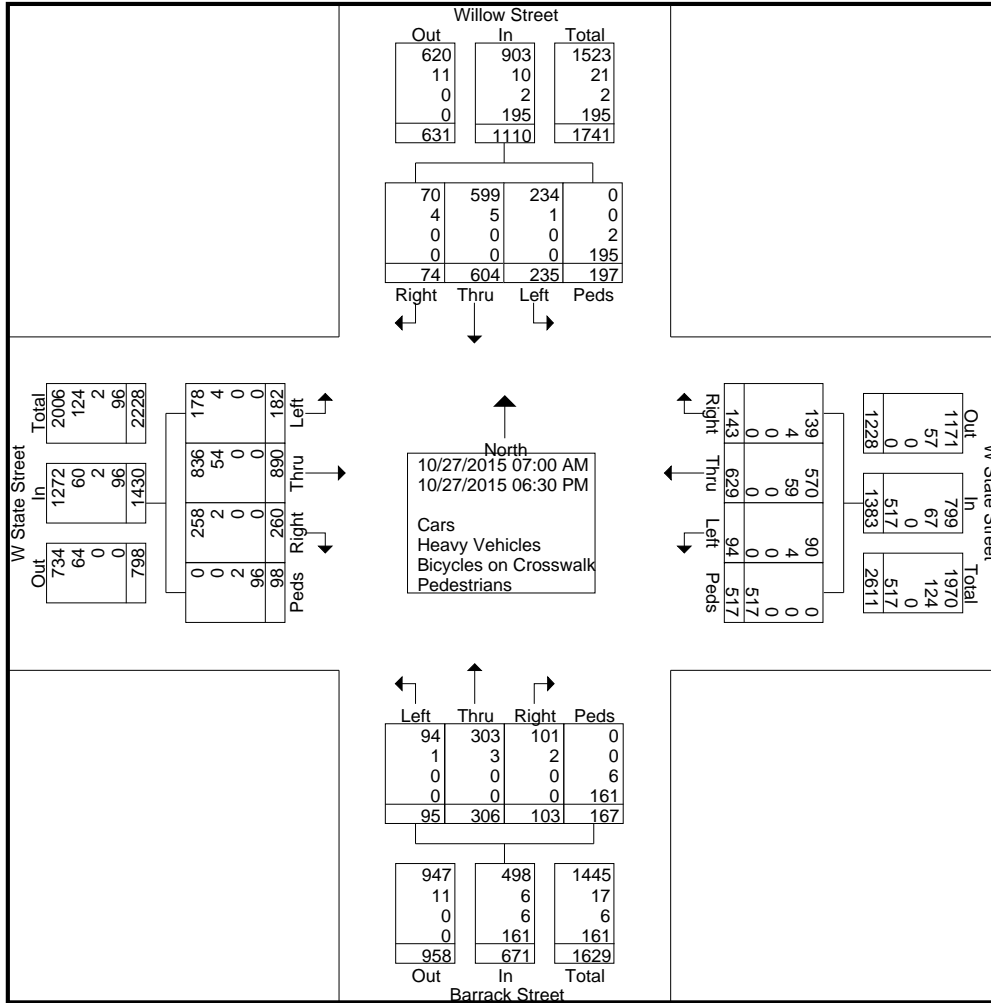
Start Time	Willow Street Southbound					W State Street Westbound					Barrack Street Northbound					W State Street Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00 AM	4	9	4	4	21	0	28	6	8	42	7	13	6	1	27	12	39	7	1	59	149
07:15 AM	15	10	2	7	34	1	42	5	19	67	3	25	10	3	41	11	59	14	6	90	232
07:30 AM	10	13	1	5	29	0	43	14	29	86	7	32	7	12	58	19	54	16	8	97	270
07:45 AM	12	22	3	19	56	7	38	16	76	137	3	43	9	16	71	27	78	18	9	132	396
Total	41	54	10	35	140	8	151	41	132	332	20	113	32	32	197	69	230	55	24	378	1047
08:00 AM	23	19	6	26	74	6	46	13	67	132	3	40	15	13	71	26	72	18	9	125	402
08:15 AM	21	39	4	29	93	14	32	9	78	133	15	36	12	24	87	17	82	29	14	142	455
08:30 AM	18	30	12	23	83	13	25	15	54	107	6	28	13	14	61	18	68	24	15	125	376
08:45 AM	11	20	11	22	64	6	38	13	39	96	12	26	9	12	59	17	69	18	8	112	331
Total	73	108	33	100	314	39	141	50	238	468	36	130	49	63	278	78	291	89	46	504	1564
04:30 PM	24	91	4	10	129	10	50	12	81	153	4	16	1	23	44	6	56	17	12	91	417
04:45 PM	27	75	4	14	120	9	49	9	28	95	9	4	2	13	28	1	55	12	2	70	313
Total	51	166	8	24	249	19	99	21	109	248	13	20	3	36	72	7	111	29	14	161	730
05:00 PM	18	86	4	12	120	6	55	3	21	85	4	13	6	10	33	9	65	37	7	118	356
05:15 PM	17	66	9	11	103	6	46	6	6	64	9	6	4	8	27	6	48	6	1	61	255
05:30 PM	10	46	2	5	63	4	39	6	1	50	3	9	3	1	16	4	45	9	0	58	187
05:45 PM	8	27	4	6	45	6	33	6	5	50	4	7	3	5	19	4	40	15	1	60	174
Total	53	225	19	34	331	22	173	21	33	249	20	35	16	24	95	23	198	67	9	297	972
06:00 PM	9	29	2	3	43	5	43	5	1	54	5	3	1	11	20	1	21	11	5	38	155
06:15 PM	8	22	2	1	33	1	22	5	4	32	1	5	2	1	9	4	39	9	0	52	126
Grand Total	235	604	74	197	1110	94	629	143	517	1383	95	306	103	167	671	182	890	260	98	1430	4594
Apprch %	21.2	54.4	6.7	17.7		6.8	45.5	10.3	37.4		14.2	45.6	15.4	24.9		12.7	62.2	18.2	6.9		
Total %	5.1	13.1	1.6	4.3	24.2	2	13.7	3.1	11.3	30.1	2.1	6.7	2.2	3.6	14.6	4	19.4	5.7	2.1	31.1	
Cars	234	599	70	0	903	90	570	139	0	799	94	303	101	0	498	178	836	258	0	1272	3472
% Cars	99.6	99.2	94.6	0	81.4	95.7	90.6	97.2	0	57.8	98.9	99	98.1	0	74.2	97.8	93.9	99.2	0	89	75.6
Heavy Vehicles	1	5	4	0	10	4	59	4	0	67	1	3	2	0	6	4	54	2	0	60	143
% Heavy Vehicles	0.4	0.8	5.4	0	0.9	4.3	9.4	2.8	0	4.8	1.1	1	1.9	0	0.9	2.2	6.1	0.8	0	4.2	3.1
Bicycles on Crosswalk	0	0	0	2	2	0	0	0	0	0	0	0	0	6	6	0	0	0	2	2	10
% Bicycles on Crosswalk	0	0	0	1	0.2	0	0	0	0	0	0	0	0	3.6	0.9	0	0	0	2	0.1	0.2
Pedestrians	0	0	0	195	195	0	0	0	517	517	0	0	0	161	161	0	0	0	96	96	969
% Pedestrians	0	0	0	99	17.6	0	0	0	100	37.4	0	0	0	96.4	24	0	0	0	98	6.7	21.1

# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: Willow St/W State St  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-6  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 2



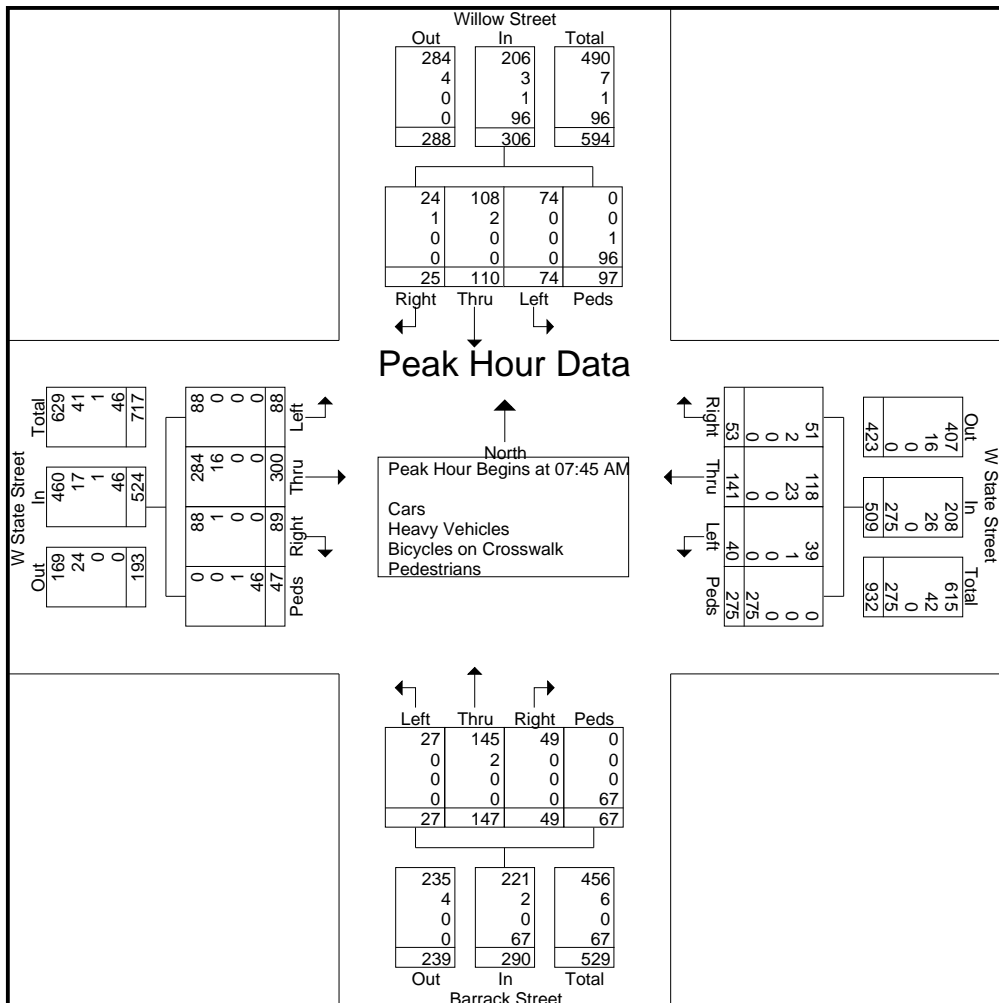
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: Willow St/W State St  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-6  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 3

Start Time	Willow Street Southbound					W State Street Westbound					Barrack Street Northbound					W State Street Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	12	22	3	19	56	7	38	16	76	137	3	43	9	16	71	27	78	18	9	132	396
08:00 AM	23	19	6	26	74	6	46	13	67	132	3	40	15	13	71	26	72	18	9	125	402
08:15 AM	21	39	4	29	93	14	32	9	78	133	15	36	12	24	87	17	82	29	14	142	455
08:30 AM	18	30	12	23	83	13	25	15	54	107	6	28	13	14	61	18	68	24	15	125	376
Total Volume	74	110	25	97	306	40	141	53	275	509	27	147	49	67	290	88	300	89	47	524	1629
% App. Total	24.2	35.9	8.2	31.7		7.9	27.7	10.4	54		9.3	50.7	16.9	23.1		16.8	57.3	17	9		
PHF	.804	.705	.521	.836	.823	.714	.766	.828	.881	.929	.450	.855	.817	.698	.833	.815	.915	.767	.783	.923	.895
Cars	74	108	24	0	206	39	118	51	0	208	27	145	49	0	221	88	284	88	0	460	1095
% Cars	100	98.2	96.0	0	67.3	97.5	83.7	96.2	0	40.9	100	98.6	100	0	76.2	100	94.7	98.9	0	87.8	67.2
Heavy Vehicles	0	2	1	0	3	1	23	2	0	26	0	2	0	0	2	0	16	1	0	17	48
% Heavy Vehicles	0	1.8	4.0	0	1.0	2.5	16.3	3.8	0	5.1	0	1.4	0	0	0.7	0	5.3	1.1	0	3.2	2.9
Bicycles on Crosswalk	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
% Bicycles on Crosswalk	0	0	0	1.0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	2.1	0.2	0.1
Pedestrians	0	0	0	96	96	0	0	0	275	275	0	0	0	67	67	0	0	0	46	46	484
% Pedestrians	0	0	0	99.0	31.4	0	0	0	100	54.0	0	0	0	100	23.1	0	0	0	97.9	8.8	29.7



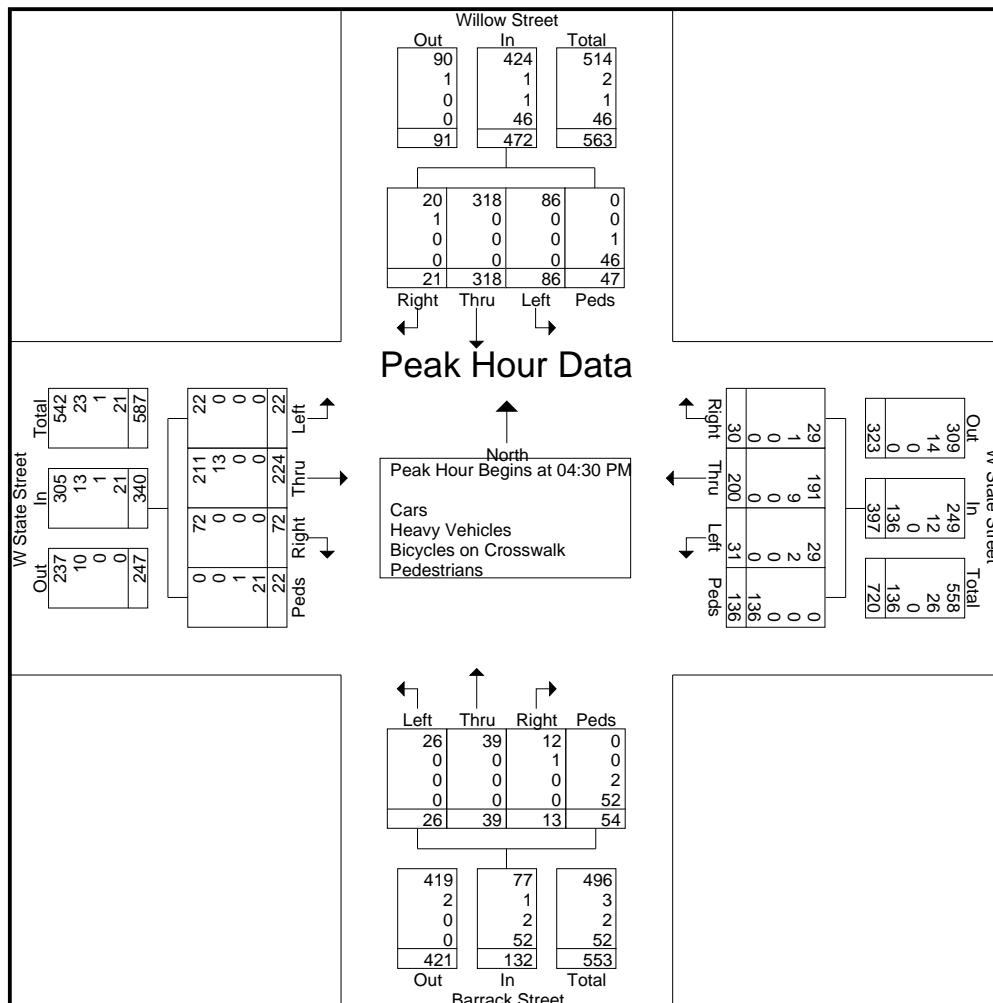
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: Willow St/W State St  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-6  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 4

Start Time	Willow Street Southbound					W State Street Westbound					Barrack Street Northbound					W State Street Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:30 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	24	91	4	10	129	10	50	12	81	153	4	16	1	23	44	6	56	17	12	91	417
04:45 PM	27	75	4	14	120	9	49	9	28	95	9	4	2	13	28	1	55	12	2	70	313
05:00 PM	18	86	4	12	120	6	55	3	21	85	4	13	6	10	33	9	65	37	7	118	356
05:15 PM	17	66	9	11	103	6	46	6	6	64	9	6	4	8	27	6	48	6	1	61	255
Total Volume	86	318	21	47	472	31	200	30	136	397	26	39	13	54	132	22	224	72	22	340	1341
% App. Total	18.2	67.4	4.4	10		7.8	50.4	7.6	34.3		19.7	29.5	9.8	40.9		6.5	65.9	21.2	6.5		
PHF	.796	.874	.583	.839	.915	.775	.909	.625	.420	.649	.722	.609	.542	.587	.750	.611	.862	.486	.458	.720	.804
Cars	86	318	20	0	424	29	191	29	0	249	26	39	12	0	77	22	211	72	0	305	1055
% Cars	100	100	95.2	0	89.8	93.5	95.5	96.7	0	62.7	100	100	92.3	0	58.3	100	94.2	100	0	89.7	78.7
Heavy Vehicles	0	0	1	0	1	2	9	1	0	12	0	0	1	0	1	0	13	0	0	13	27
% Heavy Vehicles	0	0	4.8	0	0.2	6.5	4.5	3.3	0	3.0	0	0	7.7	0	0.8	0	5.8	0	0	3.8	2.0
Bicycles on Crosswalk	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2	0	0	0	1	1	4
% Bicycles on Crosswalk	0	0	0	2.1	0.2	0	0	0	0	0	0	0	3.7	1.5	0	0	0	4.5	0.3	0.3	0.3
Pedestrians	0	0	0	46	46	0	0	0	136	136	0	0	0	52	52	0	0	0	21	21	255
% Pedestrians	0	0	0	97.9	9.7	0	0	0	100	34.3	0	0	0	96.3	39.4	0	0	0	95.5	6.2	19.0



# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: Warren St/W State St  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-7  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Warren Street Southbound					W State Street Westbound			W State Street Eastbound				Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	App. Total	Thru	Right	RTOR	App. Total	
07:00 AM	7	12	4	0	23	8	38	46	24	2	0	26	95
07:15 AM	7	24	2	2	35	8	43	51	36	13	3	52	138
07:30 AM	9	22	6	1	38	2	62	64	47	5	2	54	156
07:45 AM	13	32	13	0	58	4	63	67	47	14	1	62	187
Total	36	90	25	3	154	22	206	228	154	34	6	194	576
08:00 AM	17	50	10	0	77	6	73	79	65	11	0	76	232
08:15 AM	29	52	21	0	102	14	44	58	66	9	1	76	236
08:30 AM	19	47	12	0	78	7	57	64	46	14	2	62	204
08:45 AM	26	49	15	1	91	13	56	69	49	13	1	63	223
Total	91	198	58	1	348	40	230	270	226	47	4	277	895
04:30 PM	35	80	19	0	134	10	53	63	65	12	5	82	279
04:45 PM	39	64	9	0	112	13	52	65	58	24	0	82	259
Total	74	144	28	0	246	23	105	128	123	36	5	164	538
05:00 PM	45	69	10	0	124	15	48	63	63	28	2	93	280
05:15 PM	37	74	12	1	124	9	48	57	54	9	2	65	246
05:30 PM	20	52	6	0	78	15	39	54	45	12	3	60	192
05:45 PM	28	40	6	2	76	9	29	38	37	9	1	47	161
Total	130	235	34	3	402	48	164	212	199	58	8	265	879
06:00 PM	14	40	7	1	62	10	45	55	24	7	3	34	151
06:15 PM	18	33	3	1	55	4	22	26	33	7	2	42	123
Grand Total	363	740	155	9	1267	147	772	919	759	189	28	976	3162
Apprch %	28.7	58.4	12.2	0.7		16	84		77.8	19.4	2.9		
Total %	11.5	23.4	4.9	0.3	40.1	4.6	24.4	29.1	24	6	0.9	30.9	
Cars	357	691	149	9	1206	140	712	852	713	180	27	920	2978
% Cars	98.3	93.4	96.1	100	95.2	95.2	92.2	92.7	93.9	95.2	96.4	94.3	94.2
Heavy Vehicles	6	49	6	0	61	7	60	67	46	9	1	56	184
% Heavy Vehicles	1.7	6.6	3.9	0	4.8	4.8	7.8	7.3	6.1	4.8	3.6	5.7	5.8

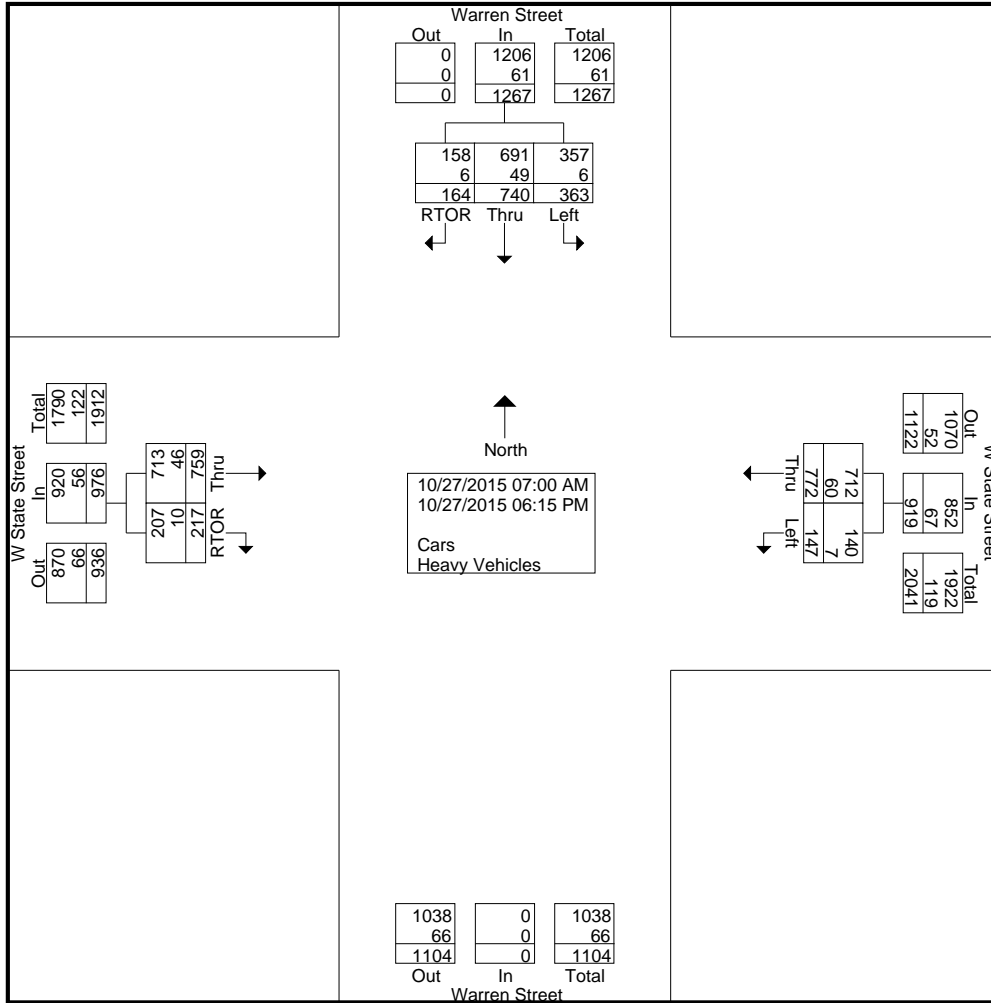


# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: Warren St/W State St  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-7  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 2



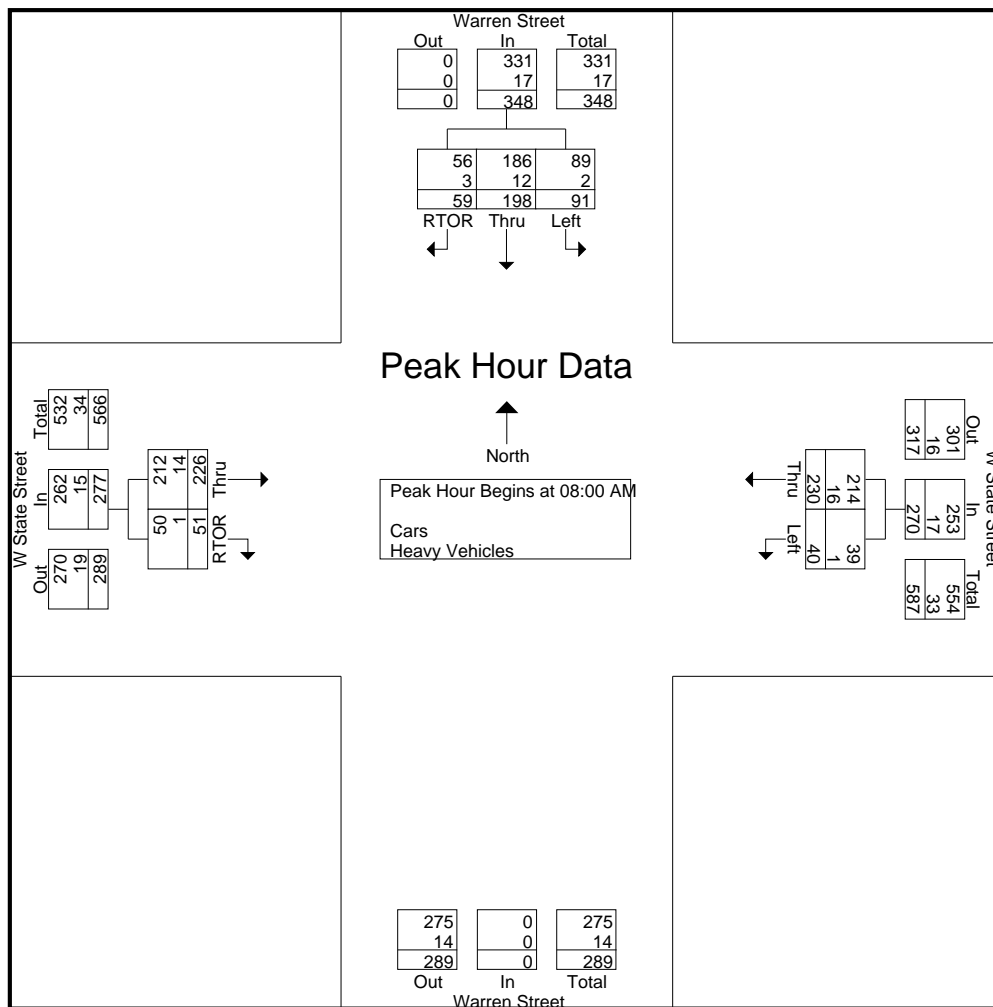
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: Warren St/W State St  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-7  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 3

Start Time	Warren Street Southbound				W State Street Westbound			W State Street Eastbound				Int. Total	
	Left	Thru	Right	RTOR	App. Total	Left	Thru	App. Total	Thru	Right	RTOR		App. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 08:00 AM													
08:00 AM	17	50	10	0	77	6	73	79	65	11	0	76	232
08:15 AM	29	52	21	0	102	14	44	58	66	9	1	76	236
08:30 AM	19	47	12	0	78	7	57	64	46	14	2	62	204
08:45 AM	26	49	15	1	91	13	56	69	49	13	1	63	223
Total Volume	91	198	58	1	348	40	230	270	226	47	4	277	895
% App. Total	26.1	56.9	16.7	0.3		14.8	85.2		81.6	17	1.4		
PHF	.784	.952	.690	.250	.853	.714	.788	.854	.856	.839	.500	.911	.948
Cars	89	186	55	1	331	39	214	253	212	46	4	262	846
% Cars	97.8	93.9	94.8	100	95.1	97.5	93.0	93.7	93.8	97.9	100	94.6	94.5
Heavy Vehicles	2	12	3	0	17	1	16	17	14	1	0	15	49
% Heavy Vehicles	2.2	6.1	5.2	0	4.9	2.5	7.0	6.3	6.2	2.1	0	5.4	5.5



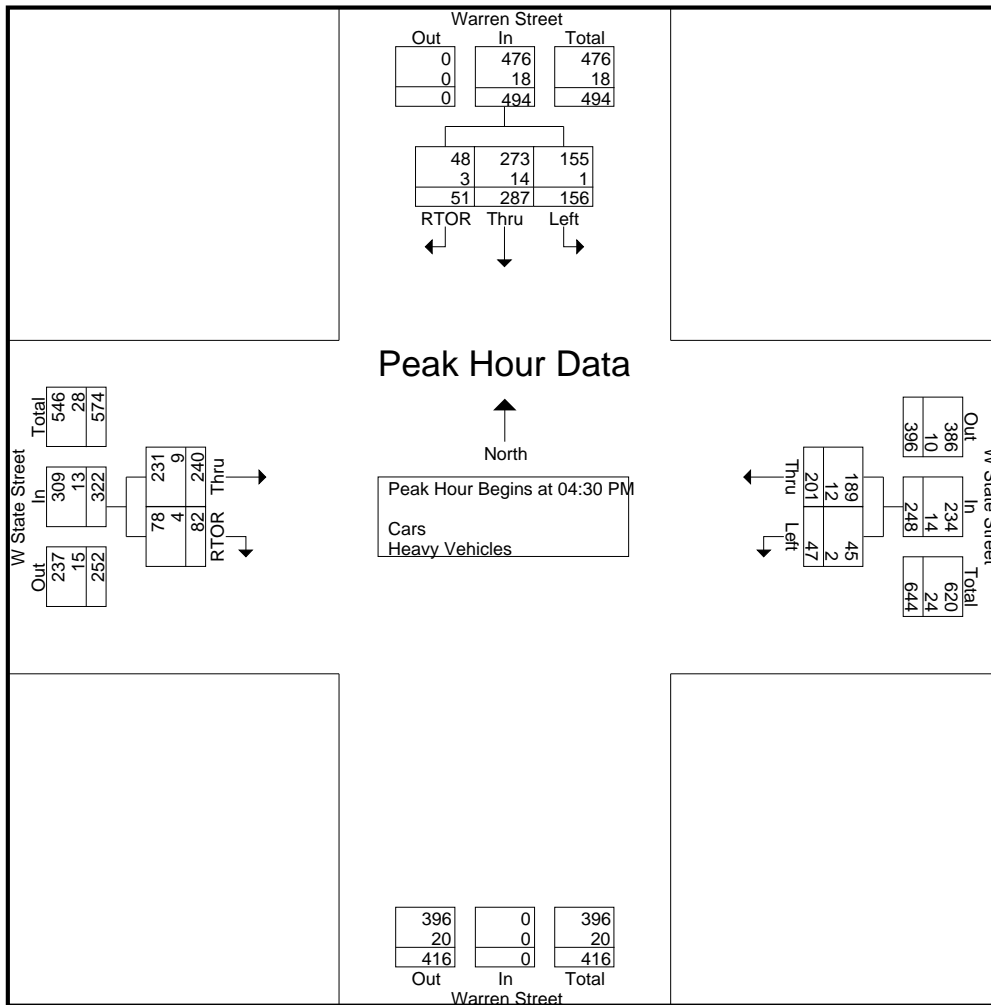
# Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Trenton, NJ  
 Intersection: Warren St/W State St  
 Date: Tuesday, October 27, 2015  
 Counter: MIO

File Name : AJ1027-7  
 Site Code :  
 Start Date : 10/27/2015  
 Page No : 4

Start Time	Warren Street Southbound					W State Street Westbound			W State Street Eastbound				Int. Total
	Left	Thru	Right	RTOR	App. Total	Left	Thru	App. Total	Thru	Right	RTOR	App. Total	
Peak Hour Analysis From 12:00 PM to 06:15 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 04:30 PM													
04:30 PM	35	80	19	0	134	10	53	63	65	12	5	82	279
04:45 PM	39	64	9	0	112	13	52	65	58	24	0	82	259
05:00 PM	45	69	10	0	124	15	48	63	63	28	2	93	280
05:15 PM	37	74	12	1	124	9	48	57	54	9	2	65	246
Total Volume	156	287	50	1	494	47	201	248	240	73	9	322	1064
% App. Total	31.6	58.1	10.1	0.2		19	81		74.5	22.7	2.8		
PHF	.867	.897	.658	.250	.922	.783	.948	.954	.923	.652	.450	.866	.950
Cars	155	273	47	1	476	45	189	234	231	69	9	309	1019
% Cars	99.4	95.1	94.0	100	96.4	95.7	94.0	94.4	96.3	94.5	100	96.0	95.8
Heavy Vehicles	1	14	3	0	18	2	12	14	9	4	0	13	45
% Heavy Vehicles	0.6	4.9	6.0	0	3.6	4.3	6.0	5.6	3.8	5.5	0	4.0	4.2



# Pennoni

This is your address  
Your City, State, Zip Code  
*Your Tagline Here*

Location: Morrisville PA  
Intersection: Yardley Morrisville & Black  
Date: 02/18/2016  
Counter: RD

File Name : YARDLEY & BLACK ROCK  
Site Code : 00000000  
Start Date : 2/17/2016  
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Groups Printed- Cars - Heavy Vehicles

Start Time	Yardley Morrisville Road From North					Black Rock Road From East					Yardley Morrisville Road From South					Edgewood Road From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
08:45 AM	0	54	0	0	54	7	24	11	0	42	8	76	16	0	100	37	25	4	0	66	262
Total	0	54	0	0	54	7	24	11	0	42	8	76	16	0	100	37	25	4	0	66	262
09:00 AM	0	85	7	0	92	4	15	12	0	31	12	72	22	0	106	30	17	1	0	48	277
09:15 AM	0	34	0	0	34	2	24	17	0	43	3	55	25	0	83	23	19	2	0	44	204
09:30 AM	0	72	4	0	76	7	17	7	0	31	9	66	22	0	97	31	21	1	0	53	257
*** BREAK ***																					
Total	0	191	11	0	202	13	56	36	0	105	24	193	69	0	286	84	57	4	0	145	738
*** BREAK ***																					
05:30 PM	2	62	1	0	65	6	31	6	0	43	10	60	30	0	100	16	33	1	0	50	258
05:45 PM	2	74	4	0	80	3	18	8	0	29	14	69	33	0	116	25	25	6	0	56	281
Total	4	136	5	0	145	9	49	14	0	72	24	129	63	0	216	41	58	7	0	106	539
06:00 PM	1	69	8	0	78	2	25	15	0	42	16	72	27	0	115	23	24	3	0	50	285
06:15 PM	0	61	3	0	64	5	41	14	0	60	10	55	28	0	93	19	27	2	0	48	265
Grand Total	5	511	27	0	543	36	195	90	0	321	82	525	203	0	810	204	191	20	0	415	2089
Apprch %	0.9	94.1	5	0		11.2	60.7	28	0		10.1	64.8	25.1	0		49.2	46	4.8	0		
Total %	0.2	24.5	1.3	0	26	1.7	9.3	4.3	0	15.4	3.9	25.1	9.7	0	38.8	9.8	9.1	1	0	19.9	
Cars	5	494	26	0	525	34	193	90	0	317	81	513	203	0	797	203	190	20	0	413	2052
% Cars	100	96.7	96.3	0	96.7	94.4	99	100	0	98.8	98.8	97.7	100	0	98.4	99.5	99.5	100	0	99.5	98.2
Heavy Vehicles	0	17	1	0	18	2	2	0	0	4	1	12	0	0	13	1	1	0	0	2	37
% Heavy Vehicles	0	3.3	3.7	0	3.3	5.6	1	0	0	1.2	1.2	2.3	0	0	1.6	0.5	0.5	0	0	0.5	1.8

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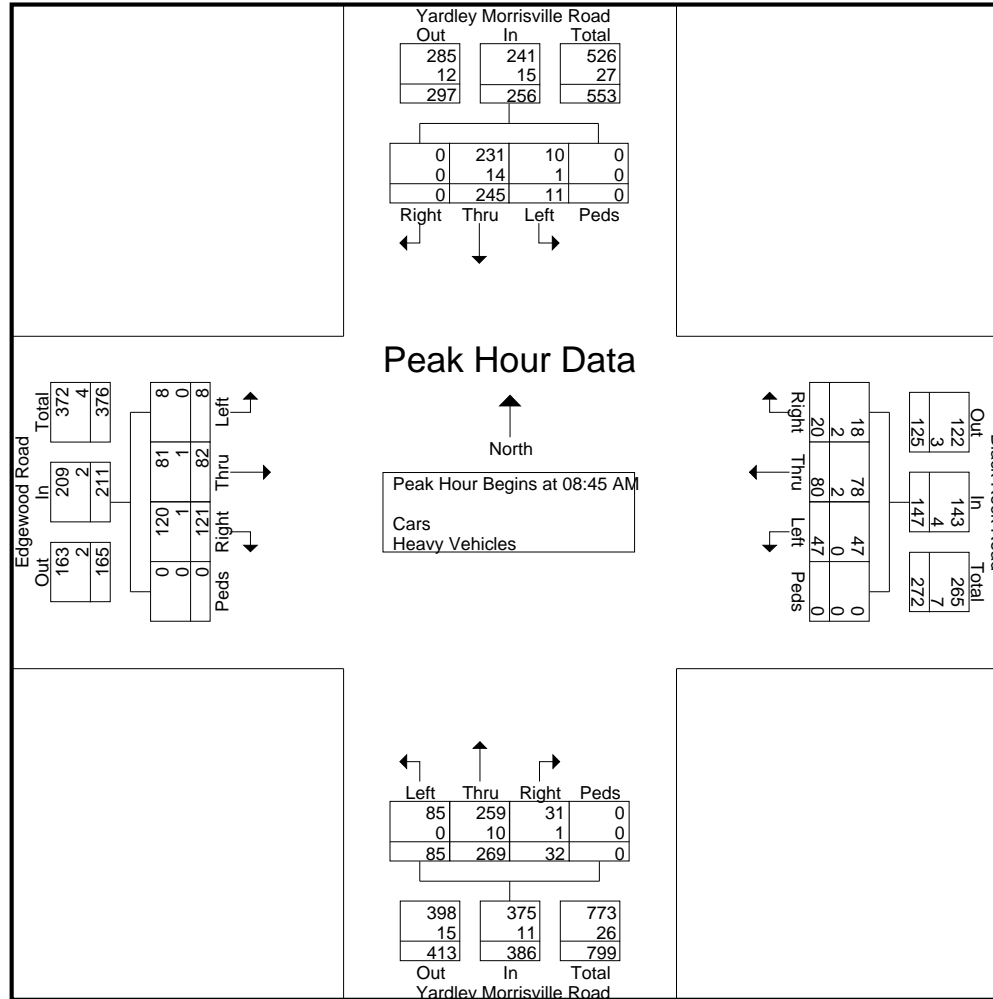
Start Time	Yardley Morrisville Road From North					Black Rock Road From East					Yardley Morrisville Road From South					Edgewood Road From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 08:45 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:45 AM																					
08:45 AM	0	54	0	0	54	7	24	11	0	42	8	76	16	0	100	37	25	4	0	66	262
09:00 AM	0	85	7	0	92	4	15	12	0	31	12	72	22	0	106	30	17	1	0	48	277
09:15 AM	0	34	0	0	34	2	24	17	0	43	3	55	25	0	83	23	19	2	0	44	204
09:30 AM	0	72	4	0	76	7	17	7	0	31	9	66	22	0	97	31	21	1	0	53	257
Total Volume	0	245	11	0	256	20	80	47	0	147	32	269	85	0	386	121	82	8	0	211	1000
% App. Total	0	95.7	4.3	0		13.6	54.4	32	0		8.3	69.7	22	0		57.3	38.9	3.8	0		
PHF	.000	.721	.393	.000	.696	.714	.833	.691	.000	.855	.667	.885	.850	.000	.910	.818	.820	.500	.000	.799	.903
Cars	0	231	10	0	241	18	78	47	0	143	31	259	85	0	375	120	81	8	0	209	968
% Cars	0	94.3	90.9	0	94.1	90.0	97.5	100	0	97.3	96.9	96.3	100	0	97.2	99.2	98.8	100	0	99.1	96.8
Heavy Vehicles	0	14	1	0	15	2	2	0	0	4	1	10	0	0	11	1	1	0	0	2	32
% Heavy Vehicles	0	5.7	9.1	0	5.9	10.0	2.5	0	0	2.7	3.1	3.7	0	0	2.8	0.8	1.2	0	0	0.9	3.2

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Start Time	Yardley Morrisville Road From North					Black Rock Road From East					Yardley Morrisville Road From South					Edgewood Road From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:30 PM																					
05:30 PM	2	62	1	0	65	6	31	6	0	43	10	60	30	0	100	16	33	1	0	50	258
05:45 PM	2	74	4	0	80	3	18	8	0	29	14	69	33	0	116	25	25	6	0	56	281
06:00 PM	1	69	8	0	78	2	25	15	0	42	16	72	27	0	115	23	24	3	0	50	285
06:15 PM	0	61	3	0	64	5	41	14	0	60	10	55	28	0	93	19	27	2	0	48	265
Total Volume	5	266	16	0	287	16	115	43	0	174	50	256	118	0	424	83	109	12	0	204	1089
% App. Total	1.7	92.7	5.6	0		9.2	66.1	24.7	0		11.8	60.4	27.8	0		40.7	53.4	5.9	0		
PHF	.625	.899	.500	.000	.897	.667	.701	.717	.000	.725	.781	.889	.894	.000	.914	.830	.826	.500	.000	.911	.955
Cars	5	263	16	0	284	16	115	43	0	174	50	254	118	0	422	83	109	12	0	204	1084
% Cars	100	98.9	100	0	99.0	100	100	100	0	100	100	99.2	100	0	99.5	100	100	100	0	100	99.5
Heavy Vehicles	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
% Heavy Vehicles	0	1.1	0	0	1.0	0	0	0	0	0	0	0.8	0	0	0.5	0	0	0	0	0	0.5

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