John Davenport Engineering, Inc.
545 N. Trade Street Suite 202,
Winston-Salem, NC 27101
Phone 336-744-1636
Fax 336-722-6788

Count: 08-5057
Onslow County
12-hr Count Volume: 5,539 vehicles

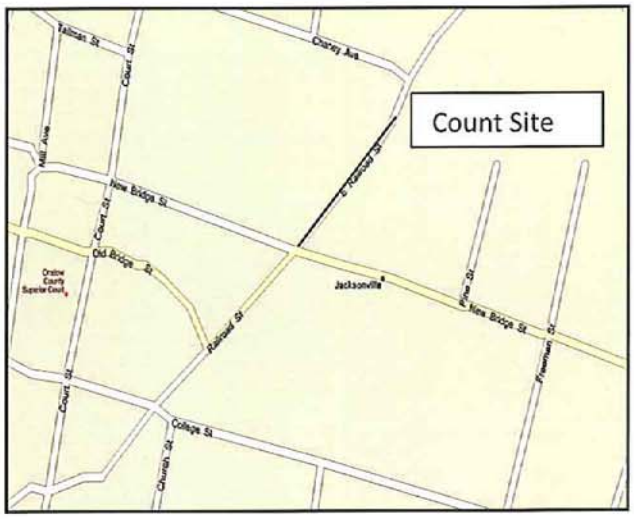
Intersection: New Bridge @ Railroad Street
Count times and weather conditions:

Day 1: 8/13/2008 12:30 PM to 6:30 PM Weather: Clear
Day 2: 8/14/2008 6:30 AM to 12:30 PM Weather: Clear

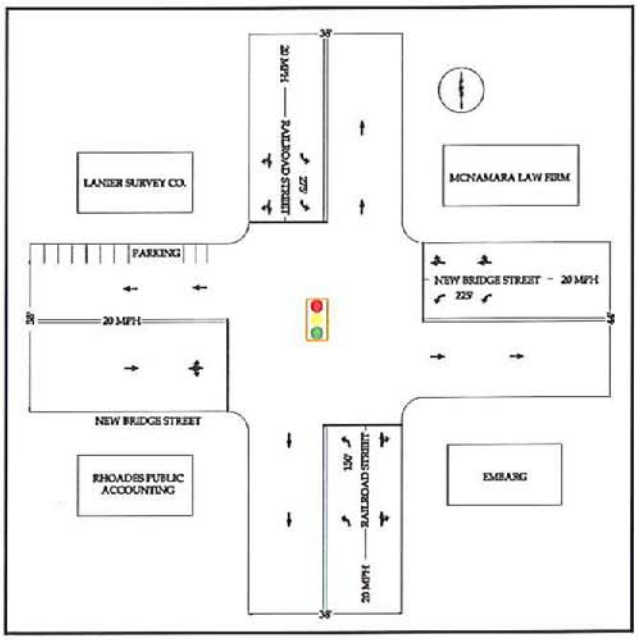
Comments

1. School was not in session
2. Pedestrians are tabulated under the approach that they cross.
3. Counted by: R. Perkins
4. Data Processor: Michael Davenport
5. Break times: Breaks were taken at off peak Intervals and interpolated by an engineer
6. Signalized intersection

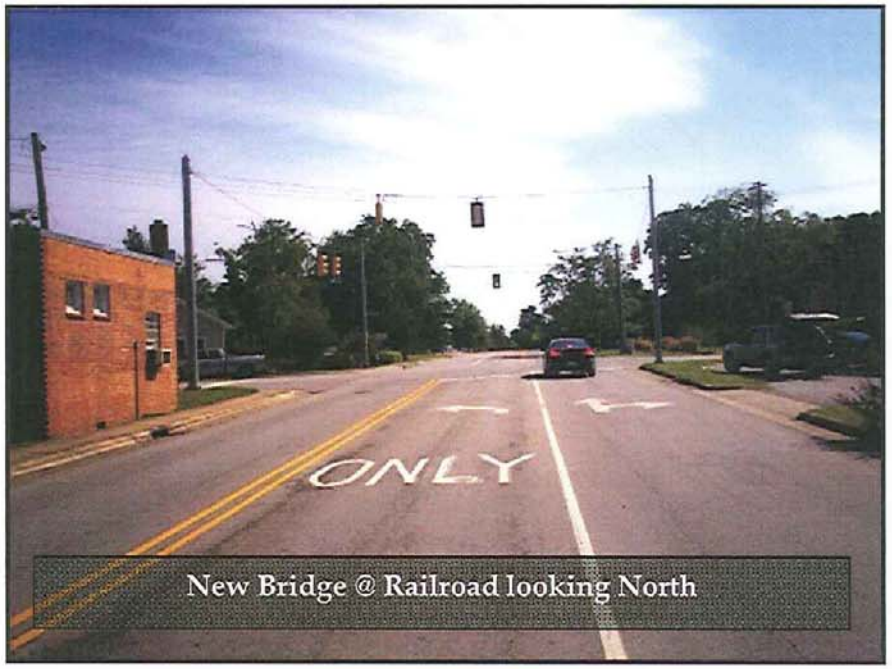
Vicinity Map



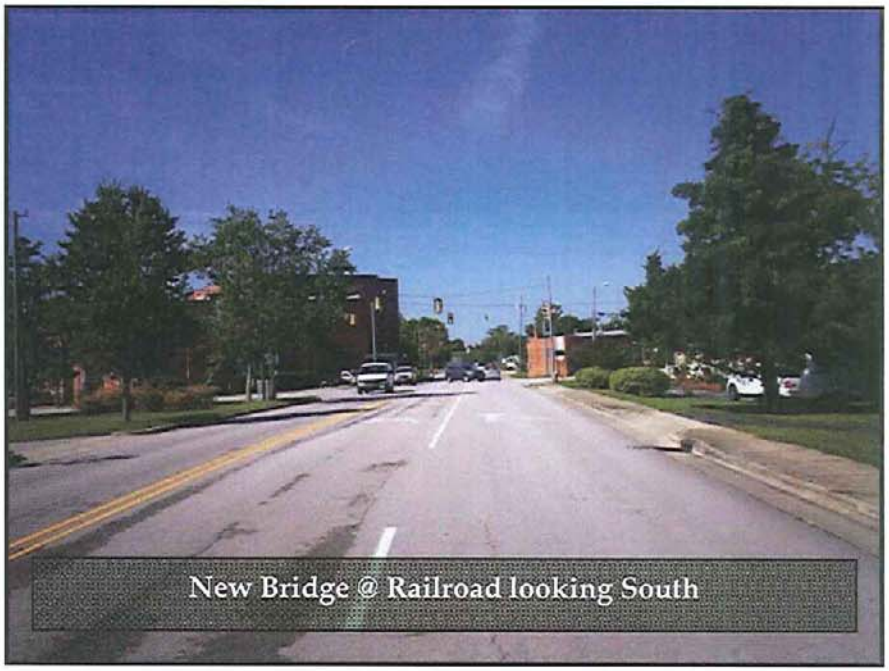

Intersection Sketch



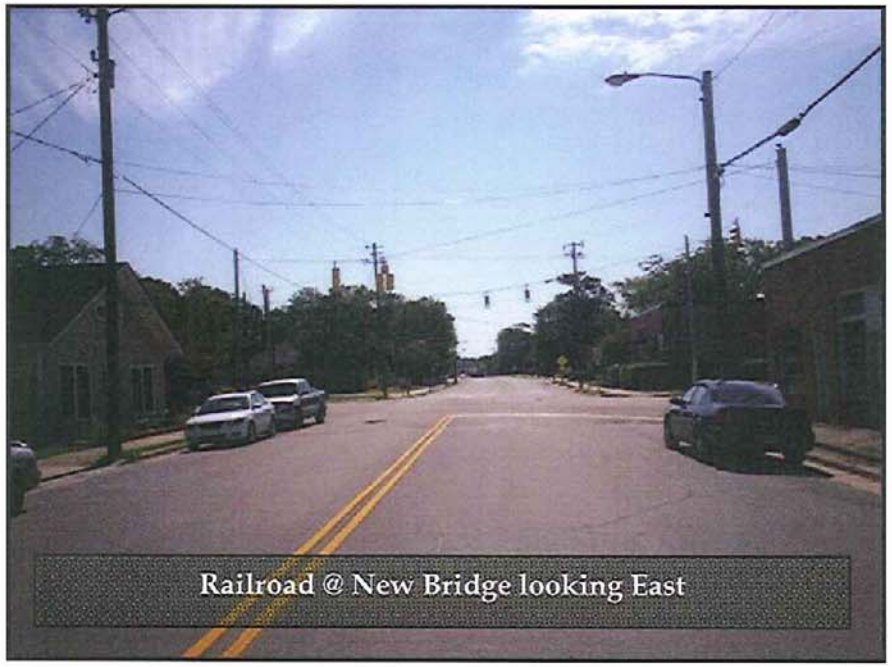
John Davenport Engineering, Inc. NCDOT Count # 08-5057 / New Bridge @ Railroad Street, Onslow County, North Carolina



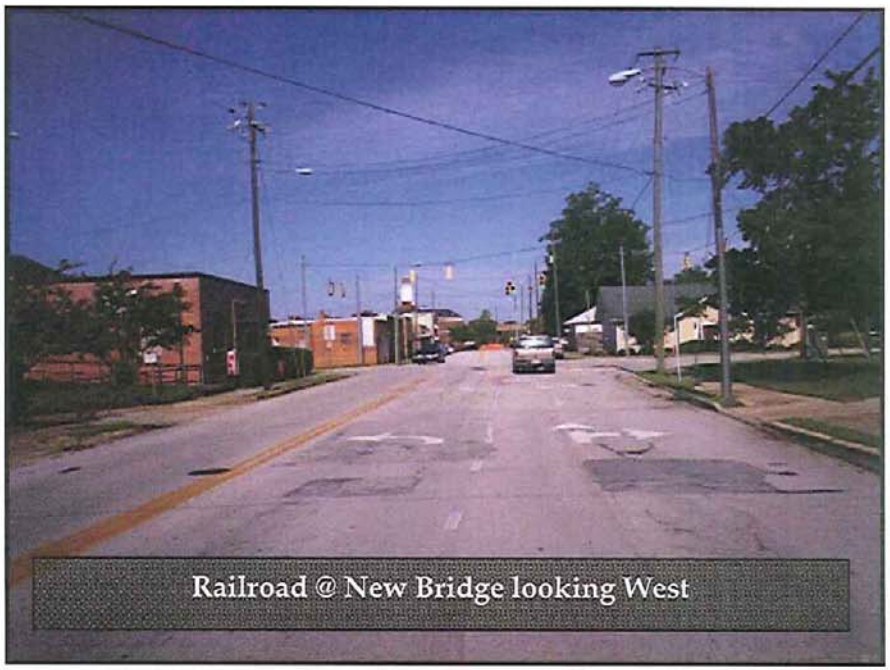

New Bridge @ Railroad looking North



New Bridge @ Railroad looking South



Railroad @ New Bridge looking East



Railroad @ New Bridge looking West

# John Davenport Engineering Inc

545 N. Trade Street
Winston - Salem, NC 27101
*PH:(336)744-1636 Fax:(336)7226788*

Counted by R. Perkins

File Name : 08-5057
Site Code : 00000001
Start Date : 8/13/2008
Page No : 1

Weather: Clear

Groups Printed- All Vehicles

| | Railroad Street Southbound | | | | | New Bridge Road Westbound | | | | | Railroad Street Northbound | | | | | New Bridge Road Eastbound | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Exclu. Total | Inclu. Total | Int. Total |
| 06:30 | 2 | 6 | 2 | 0 | 10 | 7 | 2 | 1 | 0 | 10 | 1 | 7 | 20 | 0 | 28 | 1 | 2 | 1 | 0 | 4 | 0 | 52 | 52 |
| 06:45 | 0 | 4 | 1 | 0 | 5 | 8 | 2 | 5 | 0 | 15 | 0 | 3 | 12 | 0 | 15 | 0 | 1 | 0 | 0 | 1 | 0 | 36 | 36 |
| Total | 2 | 10 | 3 | 0 | 15 | 15 | 4 | 6 | 0 | 25 | 1 | 10 | 32 | 0 | 43 | 1 | 3 | 1 | 0 | 5 | 0 | 88 | 88 |
| 07:00 | 1 | 7 | 2 | 0 | 10 | 12 | 6 | 3 | 0 | 21 | 1 | 4 | 11 | 0 | 16 | 3 | 3 | 0 | 0 | 6 | 0 | 53 | 53 |
| 07:15 | 8 | 9 | 0 | 0 | 17 | 9 | 4 | 4 | 0 | 17 | 2 | 11 | 15 | 0 | 28 | 1 | 0 | 0 | 0 | 1 | 0 | 63 | 63 |
| 07:30 | 4 | 18 | 7 | 0 | 29 | 13 | 6 | 1 | 0 | 20 | 1 | 9 | 18 | 0 | 28 | 2 | 3 | 0 | 0 | 5 | 0 | 82 | 82 |
| 07:45 | 9 | 26 | 3 | 0 | 38 | 16 | 6 | 1 | 0 | 23 | 2 | 9 | 25 | 0 | 36 | 0 | 8 | 1 | 0 | 9 | 0 | 106 | 106 |
| Total | 22 | 60 | 12 | 0 | 94 | 50 | 22 | 9 | 0 | 81 | 6 | 33 | 69 | 0 | 108 | 6 | 14 | 1 | 0 | 21 | 0 | 304 | 304 |
| 08:00 | 3 | 11 | 3 | 0 | 17 | 22 | 7 | 1 | 0 | 30 | 3 | 7 | 21 | 0 | 31 | 3 | 2 | 1 | 0 | 6 | 0 | 84 | 84 |
| 08:15 | 6 | 11 | 5 | 1 | 22 | 20 | 18 | 3 | 0 | 41 | 3 | 9 | 23 | 0 | 35 | 2 | 5 | 0 | 0 | 7 | 1 | 105 | 106 |
| 08:30 | 6 | 8 | 3 | 0 | 17 | 22 | 15 | 5 | 0 | 42 | 8 | 10 | 19 | 0 | 37 | 0 | 3 | 1 | 0 | 4 | 0 | 100 | 100 |
| 08:45 | 8 | 16 | 8 | 0 | 32 | 15 | 15 | 5 | 0 | 35 | 6 | 4 | 26 | 1 | 36 | 4 | 7 | 0 | 0 | 11 | 1 | 114 | 115 |
| Total | 23 | 46 | 19 | 1 | 88 | 79 | 55 | 14 | 0 | 148 | 20 | 30 | 89 | 1 | 139 | 9 | 17 | 2 | 0 | 28 | 2 | 403 | 405 |
| 09:00 | 5 | 15 | 3 | 0 | 23 | 14 | 14 | 4 | 0 | 32 | 2 | 17 | 16 | 0 | 35 | 2 | 6 | 2 | 0 | 10 | 0 | 100 | 100 |
| 09:15 | 5 | 10 | 6 | 0 | 21 | 15 | 13 | 5 | 0 | 33 | 2 | 12 | 24 | 0 | 38 | 2 | 4 | 0 | 0 | 6 | 0 | 98 | 98 |
| 09:30 | 5 | 13 | 3 | 0 | 21 | 20 | 23 | 8 | 0 | 51 | 8 | 8 | 22 | 0 | 38 | 1 | 6 | 4 | 0 | 11 | 0 | 121 | 121 |
| 09:45 | 3 | 11 | 4 | 0 | 18 | 22 | 24 | 5 | 1 | 51 | 5 | 12 | 22 | 1 | 39 | 0 | 9 | 0 | 0 | 9 | 2 | 117 | 119 |
| Total | 18 | 49 | 16 | 0 | 83 | 71 | 74 | 22 | 1 | 167 | 17 | 49 | 84 | 1 | 150 | 5 | 25 | 6 | 0 | 36 | 2 | 436 | 438 |
| 10:00 | 11 | 13 | 7 | 0 | 31 | 16 | 15 | 7 | 0 | 38 | 5 | 17 | 24 | 0 | 46 | 0 | 7 | 1 | 0 | 8 | 0 | 123 | 123 |
| 10:15 | 6 | 6 | 5 | 0 | 17 | 19 | 13 | 4 | 0 | 36 | 7 | 14 | 22 | 0 | 43 | 1 | 8 | 0 | 0 | 9 | 0 | 105 | 105 |
| 10:30 | 7 | 18 | 1 | 1 | 26 | 29 | 20 | 10 | 1 | 59 | 10 | 17 | 31 | 1 | 58 | 1 | 9 | 4 | 0 | 14 | 3 | 157 | 160 |
| 10:45 | 3 | 13 | 2 | 0 | 18 | 26 | 21 | 5 | 0 | 52 | 8 | 14 | 26 | 0 | 48 | 4 | 10 | 3 | 0 | 17 | 0 | 135 | 135 |
| Total | 27 | 50 | 15 | 1 | 92 | 90 | 69 | 26 | 1 | 185 | 30 | 62 | 103 | 1 | 195 | 6 | 34 | 8 | 0 | 48 | 3 | 520 | 523 |
| 11:00 | 5 | 17 | 3 | 0 | 25 | 34 | 15 | 5 | 0 | 54 | 2 | 19 | 25 | 0 | 46 | 1 | 10 | 1 | 0 | 12 | 0 | 137 | 137 |
| 11:15 | 5 | 11 | 2 | 0 | 18 | 28 | 15 | 9 | 0 | 52 | 3 | 20 | 21 | 1 | 44 | 1 | 5 | 1 | 0 | 7 | 1 | 121 | 122 |
| 11:30 | 3 | 17 | 5 | 0 | 25 | 16 | 15 | 9 | 0 | 40 | 5 | 23 | 31 | 0 | 59 | 6 | 11 | 3 | 0 | 20 | 0 | 144 | 144 |
| 11:45 | 12 | 16 | 2 | 0 | 30 | 19 | 18 | 11 | 0 | 48 | 5 | 27 | 34 | 1 | 66 | 3 | 13 | 1 | 0 | 17 | 1 | 161 | 162 |
| Total | 25 | 61 | 12 | 0 | 98 | 97 | 63 | 34 | 0 | 194 | 15 | 89 | 111 | 2 | 215 | 11 | 39 | 6 | 0 | 56 | 2 | 563 | 565 |
| 12:00 | 12 | 9 | 7 | 0 | 28 | 35 | 26 | 16 | 0 | 77 | 7 | 28 | 31 | 1 | 66 | 6 | 22 | 3 | 0 | 31 | 1 | 202 | 203 |
| 12:15 | 7 | 11 | 1 | 0 | 19 | 24 | 22 | 12 | 1 | 58 | 5 | 22 | 30 | 2 | 57 | 1 | 11 | 2 | 0 | 14 | 3 | 148 | 151 |
| 12:30 | 6 | 12 | 2 | 0 | 20 | 13 | 18 | 12 | 0 | 43 | 3 | 26 | 33 | 0 | 62 | 1 | 13 | 4 | 0 | 18 | 0 | 143 | 143 |
| 12:45 | 8 | 19 | 12 | 0 | 39 | 27 | 17 | 9 | 1 | 53 | 4 | 24 | 26 | 0 | 54 | 3 | 7 | 2 | 0 | 12 | 1 | 158 | 159 |
| Total | 33 | 51 | 22 | 0 | 106 | 99 | 83 | 49 | 2 | 231 | 19 | 100 | 120 | 3 | 239 | 11 | 53 | 11 | 0 | 75 | 5 | 651 | 656 |
| 13:00 | 15 | 22 | 3 | 0 | 40 | 33 | 17 | 13 | 0 | 63 | 4 | 22 | 29 | 0 | 55 | 2 | 7 | 1 | 0 | 10 | 0 | 168 | 168 |
| 13:15 | 4 | 12 | 1 | 1 | 17 | 24 | 20 | 6 | 0 | 50 | 4 | 14 | 40 | 0 | 58 | 1 | 11 | 2 | 0 | 14 | 1 | 139 | 140 |
| 13:30 | 6 | 11 | 3 | 0 | 20 | 35 | 28 | 2 | 0 | 65 | 6 | 11 | 35 | 0 | 52 | 2 | 7 | 0 | 0 | 9 | 0 | 146 | 146 |
| 13:45 | 9 | 18 | 2 | 0 | 29 | 32 | 15 | 5 | 0 | 52 | 3 | 15 | 22 | 1 | 40 | 1 | 9 | 2 | 0 | 12 | 1 | 133 | 134 |
| Total | 34 | 63 | 9 | 1 | 106 | 124 | 80 | 26 | 0 | 230 | 17 | 62 | 126 | 1 | 205 | 6 | 34 | 5 | 0 | 45 | 2 | 586 | 588 |
| 14:00 | 8 | 17 | 5 | 0 | 30 | 29 | 21 | 5 | 0 | 55 | 3 | 13 | 24 | 0 | 40 | 3 | 7 | 2 | 0 | 12 | 0 | 137 | 137 |
| 14:15 | 5 | 14 | 2 | 0 | 21 | 31 | 14 | 8 | 0 | 53 | 3 | 20 | 25 | 0 | 48 | 2 | 11 | 1 | 0 | 14 | 0 | 136 | 136 |
| 14:30 | 8 | 9 | 5 | 0 | 22 | 24 | 19 | 6 | 0 | 49 | 3 | 11 | 24 | 0 | 38 | 1 | 6 | 3 | 0 | 10 | 0 | 119 | 119 |
| 14:45 | 7 | 8 | 1 | 0 | 16 | 29 | 19 | 3 | 0 | 51 | 7 | 11 | 21 | 0 | 39 | 0 | 4 | 3 | 0 | 7 | 0 | 113 | 113 |
| Total | 28 | 48 | 13 | 0 | 89 | 113 | 73 | 22 | 0 | 208 | 16 | 55 | 94 | 0 | 165 | 6 | 28 | 9 | 0 | 43 | 0 | 505 | 505 |
| 15:00 | 2 | 17 | 2 | 0 | 21 | 28 | 11 | 4 | 0 | 43 | 5 | 24 | 30 | 0 | 59 | 0 | 4 | 1 | 0 | 5 | 0 | 128 | 128 |
| 15:15 | 5 | 12 | 0 | 0 | 17 | 43 | 15 | 6 | 0 | 64 | 2 | 11 | 19 | 0 | 32 | 3 | 11 | 2 | 0 | 16 | 0 | 129 | 129 |
| 15:30 | 6 | 10 | 3 | 0 | 19 | 23 | 14 | 4 | 0 | 41 | 3 | 11 | 34 | 0 | 48 | 1 | 7 | 1 | 0 | 9 | 0 | 117 | 117 |
| 15:45 | 2 | 14 | 7 | 0 | 23 | 26 | 9 | 6 | 0 | 41 | 4 | 12 | 14 | 0 | 30 | 0 | 8 | 2 | 0 | 10 | 0 | 104 | 104 |
| Total | 15 | 53 | 12 | 0 | 80 | 120 | 49 | 20 | 0 | 189 | 14 | 58 | 97 | 0 | 169 | 4 | 30 | 6 | 0 | 40 | 0 | 478 | 478 |
| 16:00 | 9 | 7 | 2 | 0 | 18 | 40 | 17 | 7 | 0 | 64 | 2 | 21 | 21 | 0 | 44 | 0 | 12 | 2 | 0 | 14 | 0 | 140 | 140 |
| 16:15 | 10 | 9 | 3 | 0 | 22 | 27 | 8 | 11 | 0 | 46 | 2 | 16 | 23 | 0 | 41 | 2 | 6 | 1 | 0 | 9 | 0 | 118 | 118 |
| 16:30 | 3 | 7 | 2 | 0 | 12 | 28 | 16 | 5 | 0 | 49 | 2 | 5 | 22 | 0 | 29 | 0 | 3 | 1 | 0 | 4 | 0 | 94 | 94 |
| 16:45 | 1 | 2 | 4 | 0 | 7 | 20 | 8 | 4 | 0 | 32 | 4 | 13 | 12 | 0 | 29 | 1 | 5 | 1 | 0 | 7 | 0 | 75 | 75 |
| Total | 23 | 25 | 11 | 0 | 59 | 115 | 49 | 27 | 0 | 191 | 10 | 55 | 78 | 0 | 143 | 3 | 26 | 5 | 0 | 34 | 0 | 427 | 427 |

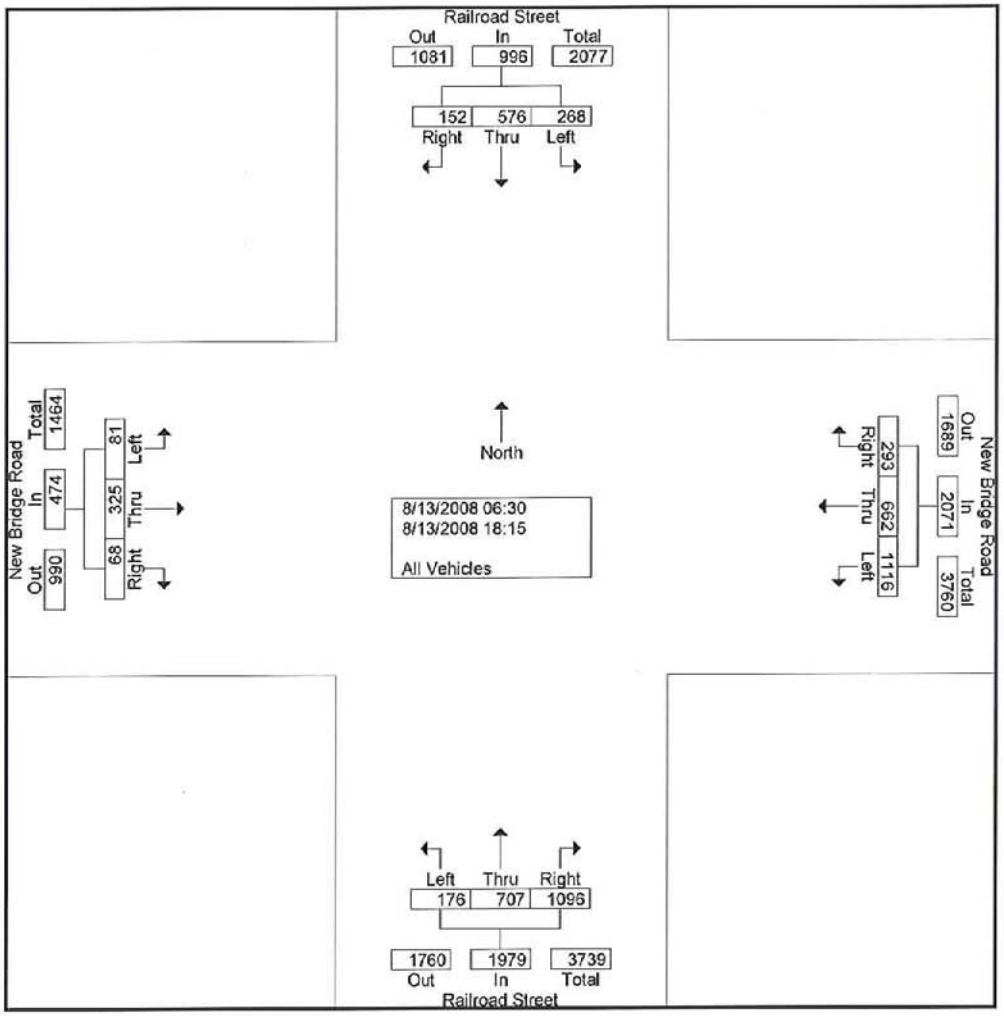
# John Davenport Engineering Inc

545 N. Trade Street
Winston - Salem, NC 27101
*PH:(336)744-1636 Fax:(336)7226788*


File Name : 08-5057
Site Code : 00000001
Start Date : 8/13/2008
Page No : 2

Groups Printed- All Vehicles

| | Railroad Street Southbound | | | | | New Bridge Road Westbound | | | | | Railroad Street Northbound | | | | | New Bridge Road Eastbound | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Exclu. Total | Inclu. Total | Int. Total |
| 17:00 | 4 | 11 | 1 | 0 | 16 | 33 | 8 | 7 | 0 | 48 | 1 | 26 | 28 | 0 | 55 | 7 | 9 | 4 | 0 | 20 | 0 | 139 | 139 |
| 17:15 | 2 | 6 | 0 | 0 | 8 | 32 | 8 | 5 | 0 | 45 | 2 | 23 | 10 | 1 | 35 | 2 | 5 | 2 | 0 | 9 | 1 | 97 | 98 |
| 17:30 | 5 | 16 | 0 | 1 | 21 | 29 | 5 | 9 | 0 | 43 | 2 | 18 | 15 | 0 | 35 | 2 | 1 | 0 | 0 | 3 | 1 | 102 | 103 |
| 17:45 | 3 | 12 | 5 | 0 | 20 | 17 | 12 | 4 | 0 | 33 | 5 | 13 | 13 | 1 | 31 | 2 | 3 | 1 | 0 | 6 | 1 | 90 | 91 |
| Total | 14 | 45 | 6 | 1 | 65 | 111 | 33 | 25 | 0 | 169 | 10 | 80 | 66 | 2 | 156 | 13 | 18 | 7 | 0 | 38 | 3 | 428 | 431 |
| 18:00 | 0 | 5 | 0 | 0 | 5 | 17 | 7 | 8 | 0 | 32 | 1 | 9 | 17 | 0 | 27 | 0 | 3 | 1 | 0 | 4 | 0 | 68 | 68 |
| 18:15 | 4 | 10 | 2 | 0 | 16 | 15 | 1 | 5 | 0 | 21 | 0 | 15 | 10 | 0 | 25 | 0 | 1 | 0 | 0 | 1 | 0 | 63 | 63 |
| Grand Total | 268 | 576 | 152 | 4 | 996 | 1116 | 662 | 293 | 4 | 2071 | 176 | 707 | 1096 | 11 | 1979 | 81 | 325 | 68 | 0 | 474 | 19 | 5520 | 5539 |
| Apprch % | 26.9 | 57.8 | 15.3 | | | 53.9 | 32 | 14.1 | | | 8.9 | 35.7 | 55.4 | | | 17.1 | 68.6 | 14.3 | | | | | |
| Total % | 4.9 | 10.4 | 2.8 | | 18 | 20.2 | 12 | 5.3 | | 37.5 | 3.2 | 12.8 | 19.9 | | 35.9 | 1.5 | 5.9 | 1.2 | | 8.6 | 0.3 | 99.7 | |

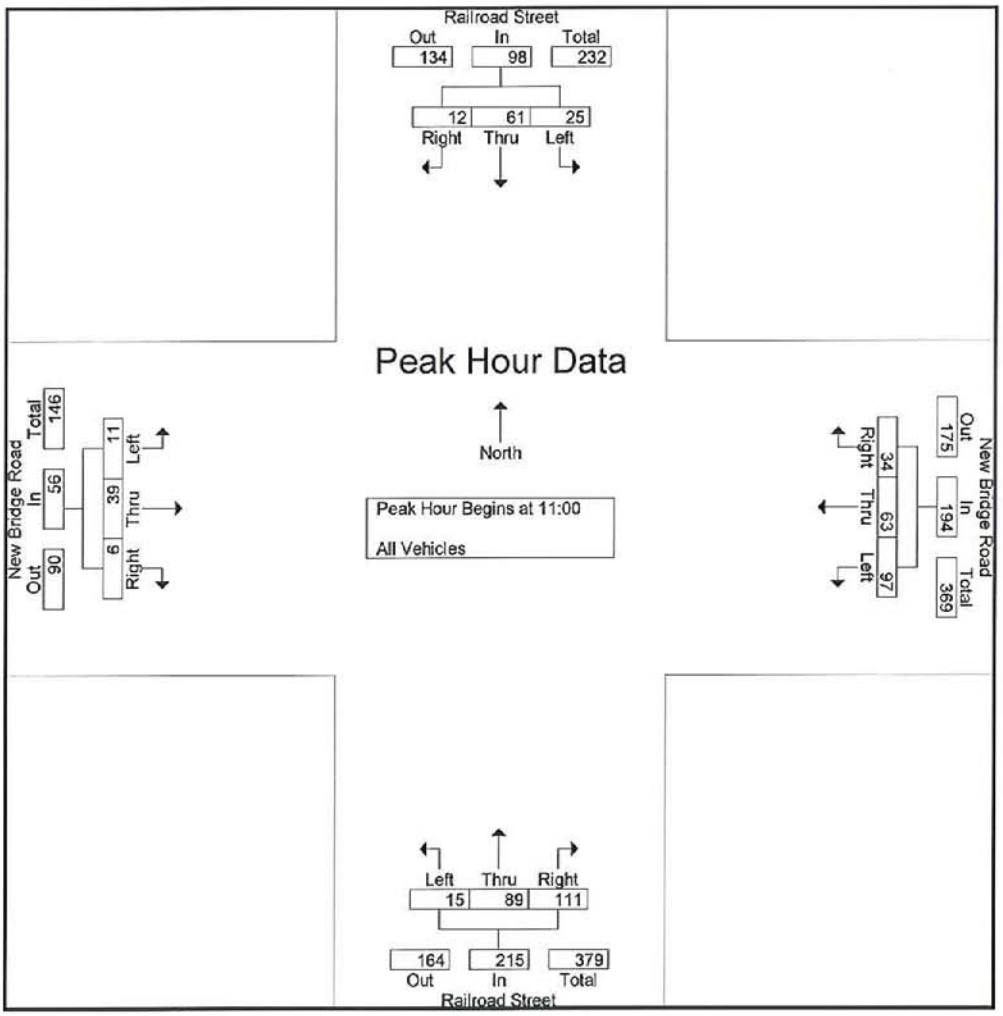


# John Davenport Engineering Inc

545 N. Trade Street
Winston - Salem, NC 27101
*PH:(336)744-1636 Fax:(336)7226788*


File Name : 08-5057
Site Code : 00000001
Start Date : 8/13/2008
Page No : 3

| | Railroad Street Southbound | | | | New Bridge Road Westbound | | | | Railroad Street Northbound | | | | New Bridge Road Eastbound | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 06:30 to 11:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 11:00 | | | | | | | | | | | | | | | | | |
| 11:00 | 5 | 17 | 3 | 25 | **34** | 15 | 5 | **54** | 2 | 19 | 25 | 46 | 1 | 10 | 1 | 12 | 137 |
| 11:15 | 5 | 11 | 2 | 18 | 28 | 15 | 9 | 52 | 3 | 20 | 21 | 44 | 1 | 5 | 1 | 7 | 121 |
| 11:30 | 3 | 17 | **5** | 25 | 16 | 15 | 9 | 40 | **5** | 23 | 31 | 59 | **6** | 11 | **3** | **20** | 144 |
| 11:45 | **12** | 16 | 2 | **30** | 19 | **18** | **11** | 48 | 5 | **27** | **34** | **66** | 3 | **13** | 1 | 17 | **161** |
| Total Volume | 25 | 61 | 12 | 98 | 97 | 63 | 34 | 194 | 15 | 89 | 111 | 215 | 11 | 39 | 6 | 56 | 563 |
| % App. Total | 25.5 | 62.2 | 12.2 | | 50 | 32.5 | 17.5 | | 7 | 41.4 | 51.6 | | 19.6 | 69.6 | 10.7 | | |
| PHF | .521 | .897 | .600 | .817 | .713 | .875 | .773 | .898 | .750 | .824 | .816 | .814 | .458 | .750 | .500 | .700 | .874 |

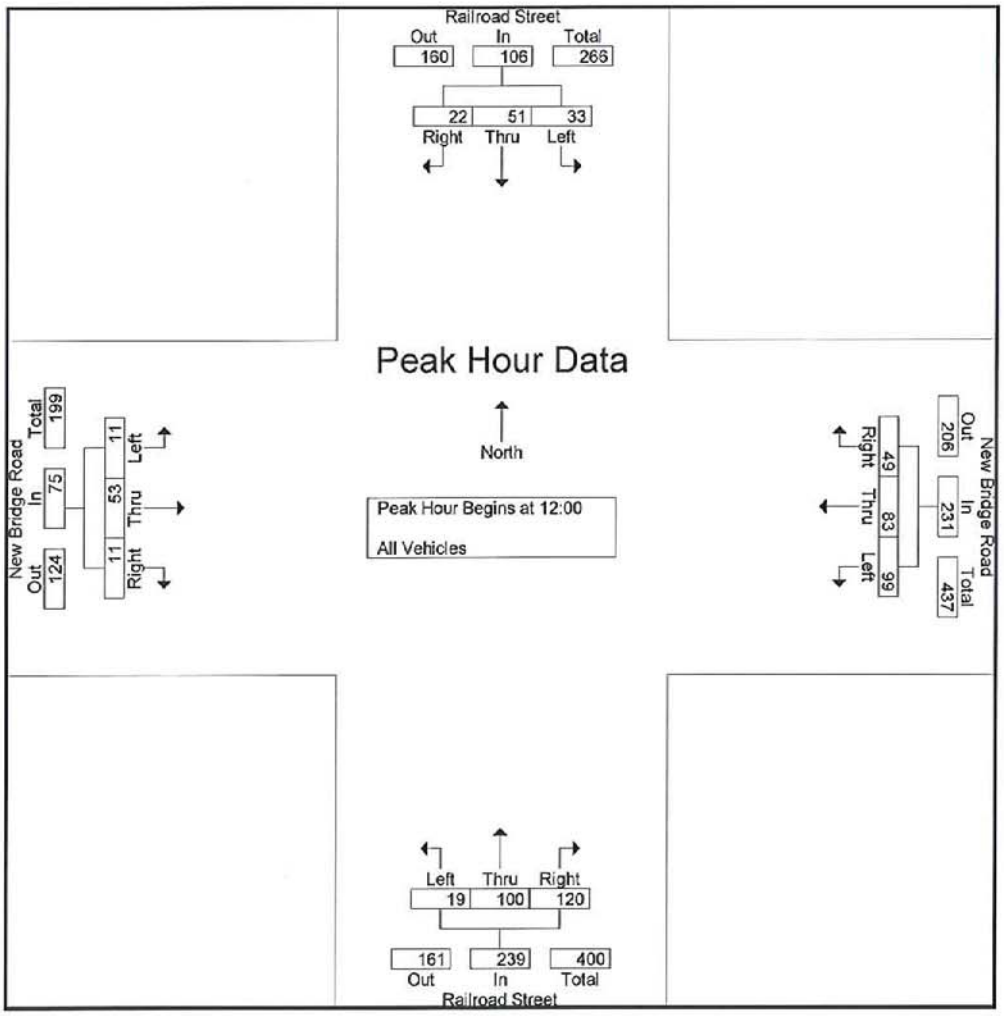


# John Davenport Engineering Inc

545 N. Trade Street
Winston - Salem, NC 27101
*PH:(336)744-1636 Fax:(336)7226788*


File Name : 08-5057
Site Code : 00000001
Start Date : 8/13/2008
Page No : 4

| | Railroad Street Southbound | | | | New Bridge Road Westbound | | | | Railroad Street Northbound | | | | New Bridge Road Eastbound | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Int. Total |
| Peak Hour Analysis From 12:00 to 18:15 - Peak 1 of 1 | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 12:00 | | | | | | | | | | | | | | | | | |
| 12:00 | **12** | 9 | 7 | 28 | **35** | **26** | **16** | **77** | **7** | **28** | 31 | **66** | **6** | **22** | 3 | **31** | **202** |
| 12:15 | 7 | 11 | 1 | 19 | 24 | 22 | 12 | 58 | 5 | 22 | 30 | 57 | 1 | 11 | 2 | 14 | 148 |
| 12:30 | 6 | 12 | 2 | 20 | 13 | 18 | 12 | 43 | 3 | 26 | **33** | 62 | 1 | 13 | **4** | 18 | 143 |
| 12:45 | 8 | **19** | **12** | **39** | 27 | 17 | 9 | 53 | 4 | 24 | 26 | 54 | 3 | 7 | 2 | 12 | 158 |
| Total Volume | 33 | 51 | 22 | 106 | 99 | 83 | 49 | 231 | 19 | 100 | 120 | 239 | 11 | 53 | 11 | 75 | 651 |
| % App. Total | 31.1 | 48.1 | 20.8 | | 42.9 | 35.9 | 21.2 | | 7.9 | 41.8 | 50.2 | | 14.7 | 70.7 | 14.7 | | |
| PHF | .688 | .671 | .458 | .679 | .707 | .798 | .766 | .750 | .679 | .893 | .909 | .905 | .458 | .602 | .688 | .605 | .806 |



# John Davenport Engineering Inc

545 N. Trade Street
Winston - Salem, NC 27101
*PH:(336)744-1636 Fax:(336)7226788*


Counted by R. Perkins

File Name : 08-5057
Site Code : 00000001
Start Date : 8/13/2008
Page No : 1

Weather: Clear

Groups Printed- Trucks

| | Railroad Street Southbound | | | | | New Bridge Road Westbound | | | | | Railroad Street Northbound | | | | | New Bridge Road Eastbound | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Int. Total |
| 06:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06:45 | 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 |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:45 | 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 |
| 08:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:15 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 08:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| 09:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 09:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 09:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 09:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| Total | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| 10:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| 11:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 6 |
| 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 4 | 0 | 0 | 3 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 10 |
| 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:15 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 13:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:45 | 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 |
| 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:45 | 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 |

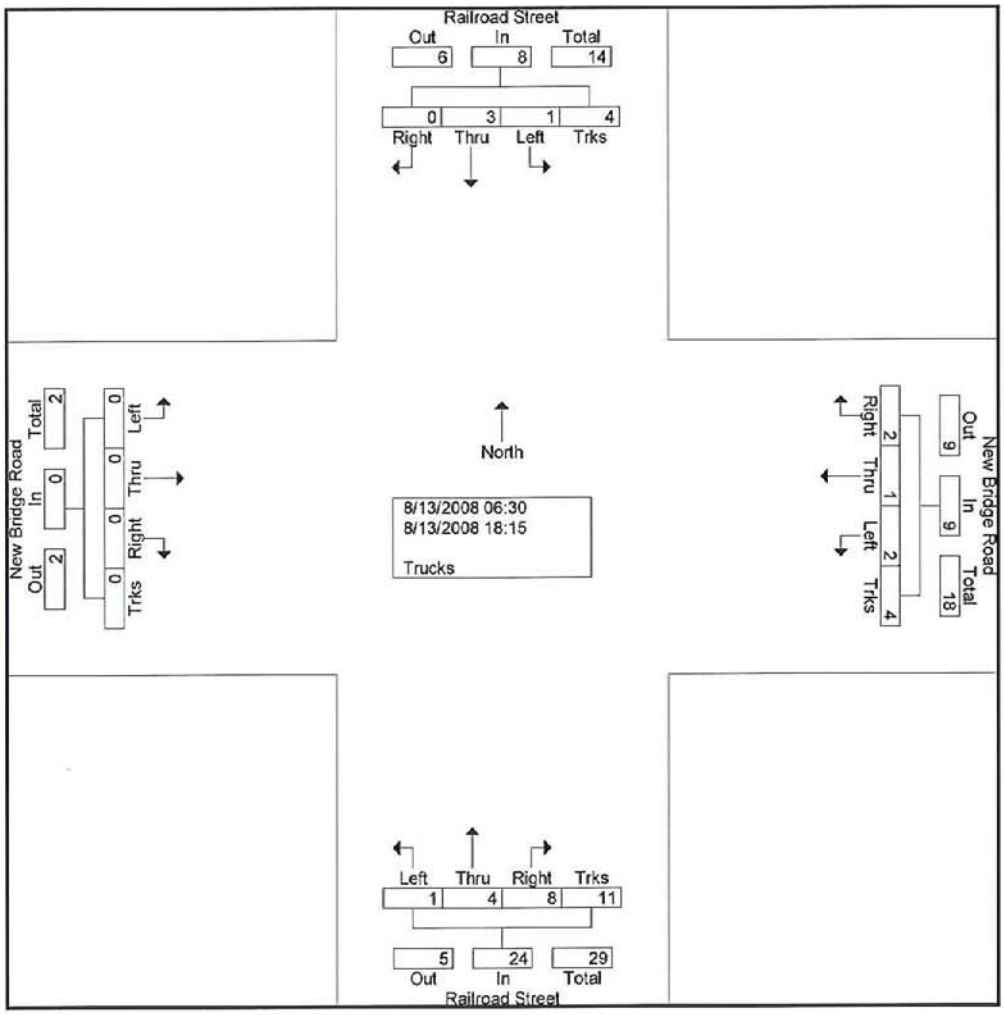
# John Davenport Engineering Inc

545 N. Trade Street
Winston - Salem, NC 27101
*PH:(336)744-1636 Fax:(336)7226788*


File Name : 08-5057
Site Code : 00000001
Start Date : 8/13/2008
Page No : 2

Groups Printed- Trucks

| | Railroad Street Southbound | | | | | New Bridge Road Westbound | | | | | Railroad Street Northbound | | | | | New Bridge Road Eastbound | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Int. Total |
| 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 17:30 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 17:45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 6 |
| 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 1 | 3 | 0 | 4 | 8 | 2 | 1 | 2 | 4 | 9 | 1 | 4 | 8 | 11 | 24 | 0 | 0 | 0 | 0 | 0 | 41 |
| Apprch % | 12.5 | 37.5 | 0 | 50 | | 22.2 | 11.1 | 22.2 | 44.4 | | 4.2 | 16.7 | 33.3 | 45.8 | | 0 | 0 | 0 | 0 | | |
| Total % | 2.4 | 7.3 | 0 | 9.8 | 19.5 | 4.9 | 2.4 | 4.9 | 9.8 | 22 | 2.4 | 9.8 | 19.5 | 26.8 | 58.5 | 0 | 0 | 0 | 0 | 0 | |

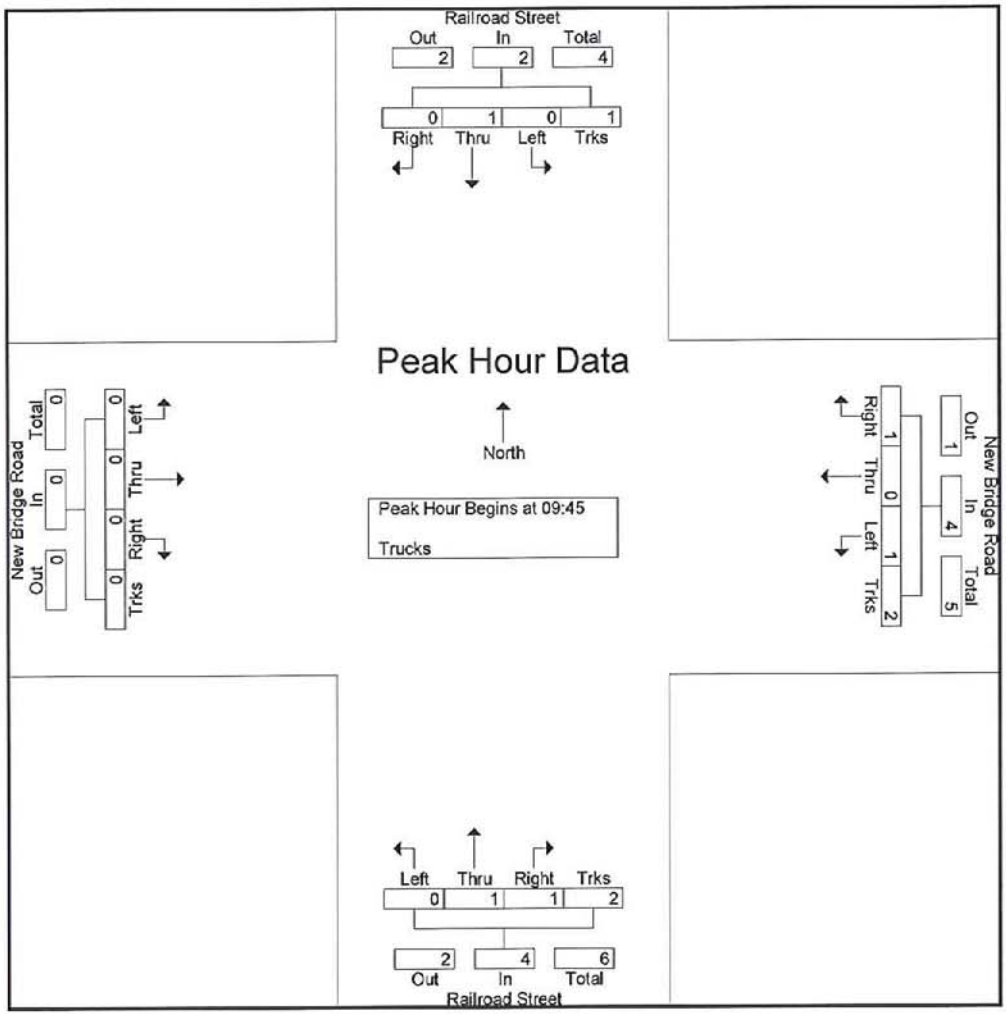


# John Davenport Engineering Inc

545 N. Trade Street
Winston - Salem, NC 27101
*PH:(336)744-1636 Fax:(336)7226788*


File Name : 08-5057
Site Code : 00000001
Start Date : 8/13/2008
Page No : 3

| | Railroad Street Southbound | | | | | New Bridge Road Westbound | | | | | Railroad Street Northbound | | | | | New Bridge Road Eastbound | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Int. Total |
| Peak Hour Analysis From 06:30 to 11:45 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 09:45 | | | | | | | | | | | | | | | | | | | | | |
| 09:45 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:30 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 6 |
| Total Volume | 0 | 1 | 0 | 1 | 2 | 1 | 0 | 1 | 2 | 4 | 0 | 1 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 10 |
| % App. Total | 0 | 50 | 0 | 50 | | 25 | 0 | 25 | 50 | | 0 | 25 | 25 | 50 | | 0 | 0 | 0 | 0 | | |
| PHF | .000 | .250 | .000 | .250 | .250 | .250 | .000 | .250 | .500 | .500 | .000 | .250 | .250 | .500 | .500 | .000 | .000 | .000 | .000 | .000 | .417 |



# John Davenport Engineering Inc

545 N. Trade Street
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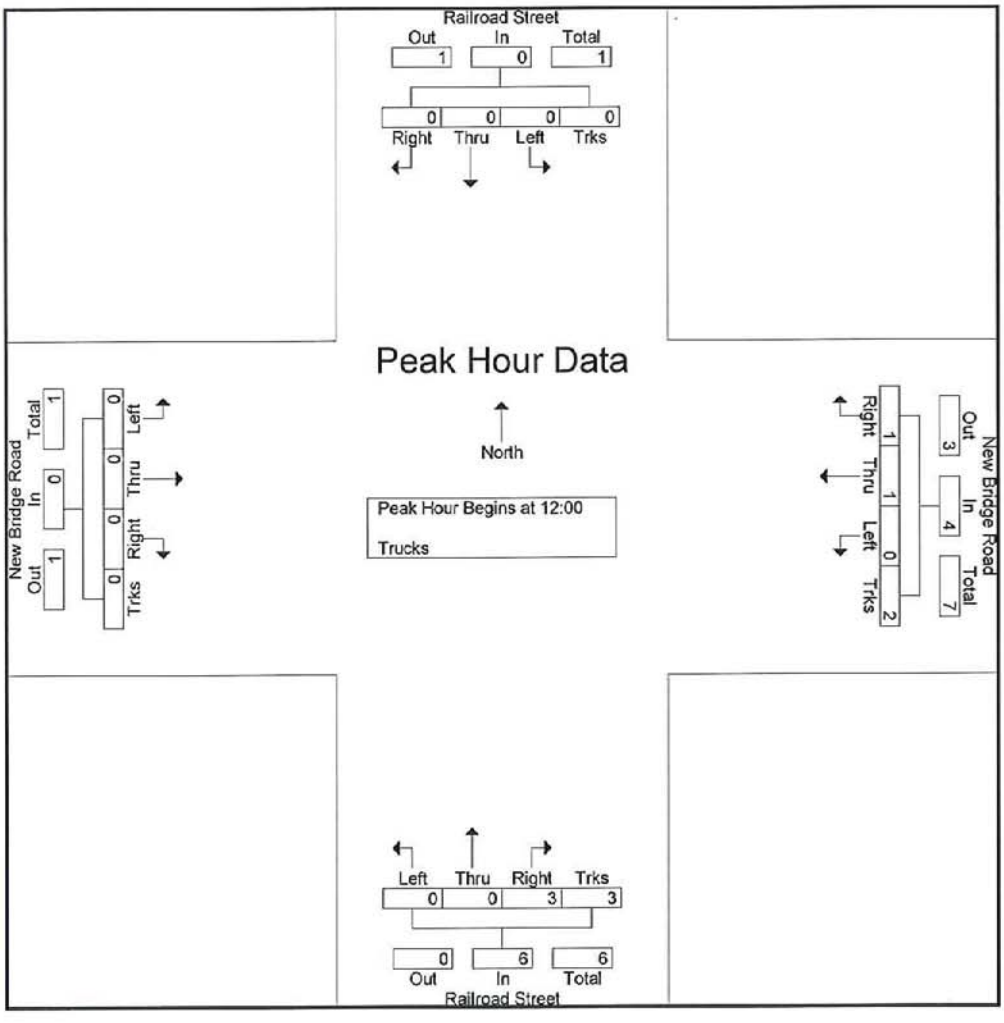
*PH:(336)744-1636 Fax:(336)7226788*


File Name : 08-5057
Site Code : 00000001
Start Date : 8/13/2008
Page No : 4

| | Railroad Street Southbound | | | | | New Bridge Road Westbound | | | | | Railroad Street Northbound | | | | | New Bridge Road Eastbound | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Start Time | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Left | Thru | Right | Trks | App. Total | Int. Total |
| Peak Hour Analysis From 12:00 to 18:15 - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 12:00 | | | | | | | | | | | | | | | | | | | | | |
| 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| 12:15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 6 |
| 12:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 4 | 0 | 0 | 3 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 10 |
| % App. Total | 0 | 0 | 0 | 0 | | 0 | 25 | 25 | 50 | | 0 | 0 | 50 | 50 | | 0 | 0 | 0 | 0 | | |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .250 | .250 | .500 | .500 | .000 | .000 | .375 | .375 | .375 | .000 | .000 | .000 | .000 | .000 | .417 |