



# Binghamton Metropolitan Transportation Study

P.O. BOX 1766

BINGHAMTON, NY 13902

Bryan Bunnell  
 Court and Broad  
 Binghamton  
 Hot and Humid

File Name : Not Named 1  
 Site Code : 56  
 Start Date : 7/29/2011  
 Page No : 1

Groups Printed- Unshifted - Heavy Vehicles

| Start Time       | Broad Ave From North |      |      |      |            | Court St From East |      |      |      |            | From South |      |      |      |            | Court St 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 |            |
| 03:00 PM         | 23                   | 0    | 57   | 1    | 81         | 47                 | 140  | 0    | 0    | 187        | 0          | 0    | 0    | 0    | 0          | 0                  | 132  | 27   | 1    | 160        | 428        |
| 03:15 PM         | 33                   | 0    | 55   | 0    | 88         | 58                 | 126  | 0    | 0    | 184        | 0          | 0    | 0    | 0    | 0          | 0                  | 131  | 32   | 0    | 163        | 435        |
| 03:30 PM         | 24                   | 0    | 50   | 0    | 74         | 41                 | 122  | 0    | 4    | 167        | 0          | 0    | 0    | 0    | 0          | 0                  | 139  | 15   | 0    | 154        | 395        |
| 03:45 PM         | 32                   | 0    | 60   | 0    | 92         | 37                 | 161  | 0    | 2    | 200        | 0          | 0    | 0    | 0    | 0          | 0                  | 133  | 23   | 1    | 157        | 449        |
| Total            | 112                  | 0    | 222  | 1    | 335        | 183                | 549  | 0    | 6    | 738        | 0          | 0    | 0    | 0    | 0          | 0                  | 535  | 97   | 2    | 634        | 1707       |
| 04:00 PM         | 26                   | 0    | 49   | 0    | 75         | 37                 | 103  | 0    | 0    | 140        | 0          | 0    | 0    | 0    | 0          | 0                  | 134  | 31   | 0    | 165        | 380        |
| 04:15 PM         | 31                   | 0    | 69   | 0    | 100        | 45                 | 120  | 0    | 1    | 166        | 0          | 0    | 0    | 0    | 0          | 0                  | 148  | 33   | 0    | 181        | 447        |
| 04:30 PM         | 25                   | 0    | 63   | 0    | 88         | 35                 | 120  | 0    | 1    | 156        | 0          | 0    | 0    | 0    | 0          | 0                  | 142  | 25   | 0    | 167        | 411        |
| 04:45 PM         | 20                   | 0    | 55   | 0    | 75         | 51                 | 136  | 0    | 2    | 189        | 0          | 0    | 0    | 0    | 0          | 0                  | 156  | 20   | 0    | 176        | 440        |
| Total            | 102                  | 0    | 236  | 0    | 338        | 168                | 479  | 0    | 4    | 651        | 0          | 0    | 0    | 0    | 0          | 0                  | 580  | 109  | 0    | 689        | 1678       |
| 05:00 PM         | 32                   | 0    | 62   | 0    | 94         | 45                 | 138  | 0    | 1    | 184        | 0          | 0    | 0    | 0    | 0          | 0                  | 142  | 21   | 1    | 164        | 442        |
| 05:15 PM         | 22                   | 0    | 51   | 1    | 74         | 46                 | 138  | 0    | 0    | 184        | 0          | 0    | 0    | 0    | 0          | 0                  | 150  | 40   | 0    | 190        | 448        |
| Grand Total      | 268                  | 0    | 571  | 2    | 841        | 442                | 1304 | 0    | 11   | 1757       | 0          | 0    | 0    | 0    | 0          | 0                  | 1407 | 267  | 3    | 1677       | 4275       |
| Apprch %         | 31.9                 | 0    | 67.9 | 0.2  |            | 25.2               | 74.2 | 0    | 0.6  |            | 0          | 0    | 0    | 0    | 0          | 0                  | 83.9 | 15.9 | 0.2  |            |            |
| Total %          | 6.3                  | 0    | 13.4 | 0    | 19.7       | 10.3               | 30.5 | 0    | 0.3  | 41.1       | 0          | 0    | 0    | 0    | 0          | 0                  | 32.9 | 6.2  | 0.1  | 39.2       |            |
| Unshifted        | 259                  | 0    | 561  | 2    | 822        | 430                | 1261 | 0    | 11   | 1702       | 0          | 0    | 0    | 0    | 0          | 0                  | 1379 | 257  | 3    | 1639       | 4163       |
| % Unshifted      | 96.6                 | 0    | 98.2 | 100  | 97.7       | 97.3               | 96.7 | 0    | 100  | 96.9       | 0          | 0    | 0    | 0    | 0          | 0                  | 98   | 96.3 | 100  | 97.7       | 97.4       |
| Heavy Vehicles   | 9                    | 0    | 10   | 0    | 19         | 12                 | 43   | 0    | 0    | 55         | 0          | 0    | 0    | 0    | 0          | 0                  | 28   | 10   | 0    | 38         | 112        |
| % Heavy Vehicles | 3.4                  | 0    | 1.8  | 0    | 2.3        | 2.7                | 3.3  | 0    | 0    | 3.1        | 0          | 0    | 0    | 0    | 0          | 0                  | 2    | 3.7  | 0    | 2.3        | 2.6        |



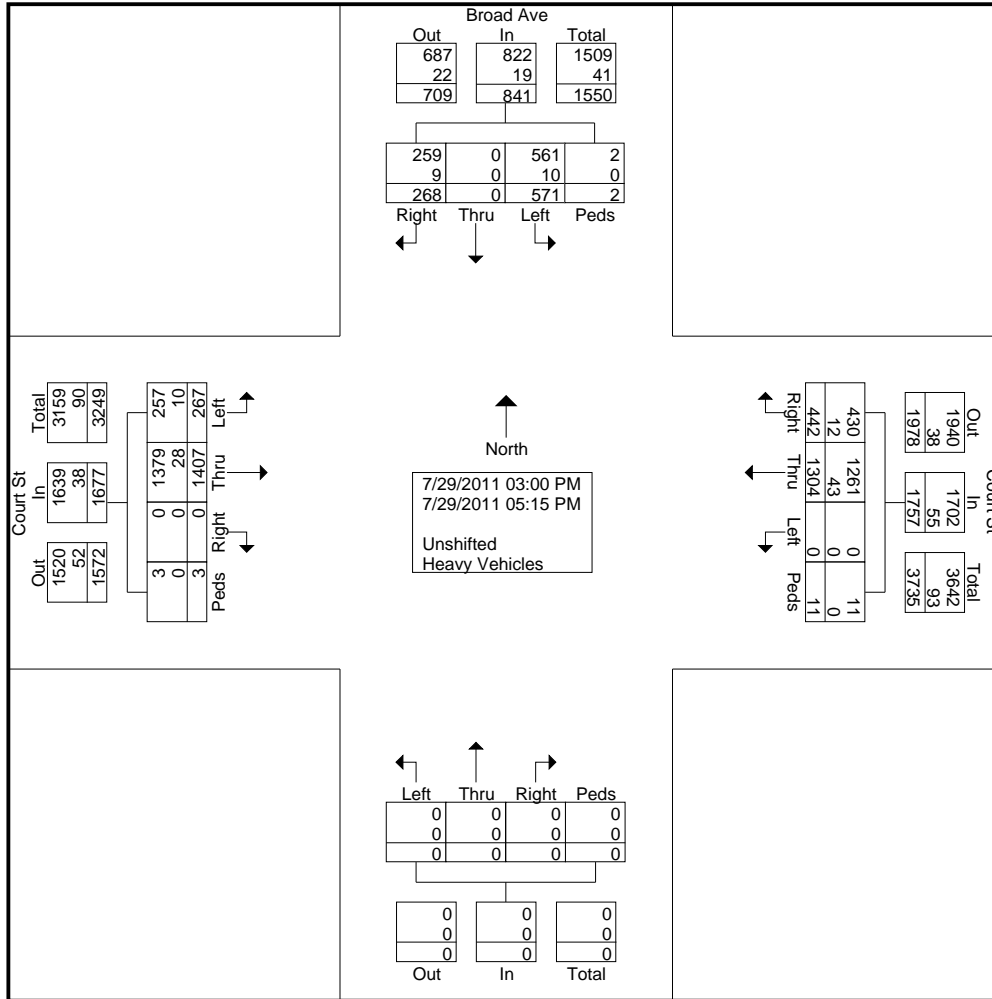
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| Start Time   | Broad Ave From North |      |      |      |            | Court St From East |      |      |      |            | From South |      |      |      |            | Court St From West |      |      |      |            | Int. Total |
|--|----------------------|------|------|------|------------|--------------------|------|------|------|------------|------------|------|------|------|------------|--------------------|------|------|------|------------|------------|
|  | 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 03:00 PM to 05:15 PM - Peak 1 of 1 |                      |      |      |      |            |                    |      |      |      |            |            |      |      |      |            |                    |      |      |      |            |            |
| Peak Hour for Entire Intersection Begins at 04:30 PM       |                      |      |      |      |            |                    |      |      |      |            |            |      |      |      |            |                    |      |      |      |            |            |
| 04:30 PM   | 25                   | 0    | 63   | 0    | 88         | 35                 | 120  | 0    | 1    | 156        | 0          | 0    | 0    | 0    | 0          | 0                  | 142  | 25   | 0    | 167        | 411        |
| 04:45 PM   | 20                   | 0    | 55   | 0    | 75         | 51                 | 136  | 0    | 2    | 189        | 0          | 0    | 0    | 0    | 0          | 0                  | 156  | 20   | 0    | 176        | 440        |
| 05:00 PM   | 32                   | 0    | 62   | 0    | 94         | 45                 | 138  | 0    | 1    | 184        | 0          | 0    | 0    | 0    | 0          | 0                  | 142  | 21   | 1    | 164        | 442        |
| 05:15 PM   | 22                   | 0    | 51   | 1    | 74         | 46                 | 138  | 0    | 0    | 184        | 0          | 0    | 0    | 0    | 0          | 0                  | 150  | 40   | 0    | 190        | 448        |
| Total Volume   | 99                   | 0    | 231  | 1    | 331        | 177                | 532  | 0    | 4    | 713        | 0          | 0    | 0    | 0    | 0          | 0                  | 590  | 106  | 1    | 697        | 1741       |
| % App. Total   | 29.9                 | 0    | 69.8 | 0.3  |            | 24.8               | 74.6 | 0    | 0.6  |            | 0          | 0    | 0    | 0    | 0          | 0                  | 84.6 | 15.2 | 0.1  |            |            |
| PHF  | .773                 | .000 | .917 | .250 | .880       | .868               | .964 | .000 | .500 | .943       | .000       | .000 | .000 | .000 | .000       | .000               | .946 | .663 | .250 | .917       | .972       |

