



# Binghamton Metropolitan Transportation Study

P.O. BOX 1766

BINGHAMTON, NY 13902

Dom Dellos  
 Kattellville / River PM  
 Chenango Bridge  
 Sun with some clouds coming in

File Name : Kattellville and River PM 2011  
 Site Code : 261  
 Start Date : 6/20/2011  
 Page No : 1

Groups Printed- Unshifted - Heavy Vehicles

| Start Time       | Kattellville From North |      |      |      |            | River From East |      |      |      |            | Kattellville From South |      |      |      |            | River 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         | 12                      | 31   | 2    | 1    | 46         | 2               | 12   | 14   | 0    | 28         | 45                      | 58   | 10   | 1    | 114        | 0               | 22   | 9    | 0    | 31         | 219        |
| 03:15 PM         | 11                      | 36   | 2    | 1    | 50         | 2               | 13   | 22   | 0    | 37         | 46                      | 57   | 13   | 1    | 117        | 0               | 26   | 9    | 0    | 35         | 239        |
| 03:30 PM         | 13                      | 41   | 3    | 0    | 57         | 2               | 12   | 26   | 0    | 40         | 57                      | 59   | 14   | 0    | 130        | 7               | 29   | 11   | 0    | 47         | 274        |
| 03:45 PM         | 11                      | 42   | 3    | 0    | 56         | 3               | 20   | 35   | 0    | 58         | 68                      | 74   | 16   | 0    | 158        | 7               | 33   | 16   | 0    | 56         | 328        |
| Total            | 47                      | 150  | 10   | 2    | 209        | 9               | 57   | 97   | 0    | 163        | 216                     | 248  | 53   | 2    | 519        | 14              | 110  | 45   | 0    | 169        | 1060       |
| 04:00 PM         | 10                      | 36   | 3    | 0    | 49         | 6               | 12   | 45   | 0    | 63         | 75                      | 56   | 7    | 2    | 140        | 7               | 22   | 12   | 0    | 41         | 293        |
| 04:15 PM         | 9                       | 29   | 5    | 1    | 44         | 5               | 18   | 34   | 0    | 57         | 68                      | 49   | 7    | 0    | 124        | 2               | 16   | 14   | 0    | 32         | 257        |
| 04:30 PM         | 12                      | 31   | 3    | 1    | 47         | 4               | 14   | 30   | 1    | 49         | 69                      | 72   | 3    | 1    | 145        | 13              | 21   | 13   | 1    | 48         | 289        |
| 04:45 PM         | 7                       | 23   | 4    | 1    | 35         | 2               | 20   | 30   | 0    | 52         | 70                      | 57   | 6    | 0    | 133        | 6               | 35   | 15   | 0    | 56         | 276        |
| Total            | 38                      | 119  | 15   | 3    | 175        | 17              | 64   | 139  | 1    | 221        | 282                     | 234  | 23   | 3    | 542        | 28              | 94   | 54   | 1    | 177        | 1115       |
| 05:00 PM         | 6                       | 34   | 4    | 0    | 44         | 4               | 5    | 31   | 0    | 40         | 71                      | 37   | 3    | 0    | 111        | 10              | 20   | 18   | 0    | 48         | 243        |
| 05:15 PM         | 7                       | 27   | 3    | 1    | 38         | 4               | 16   | 40   | 0    | 60         | 85                      | 76   | 4    | 1    | 166        | 6               | 21   | 9    | 0    | 36         | 300        |
| Grand Total      | 98                      | 330  | 32   | 6    | 466        | 34              | 142  | 307  | 1    | 484        | 654                     | 595  | 83   | 6    | 1338       | 58              | 245  | 126  | 1    | 430        | 2718       |
| Apprch %         | 21                      | 70.8 | 6.9  | 1.3  |            | 7               | 29.3 | 63.4 | 0.2  |            | 48.9                    | 44.5 | 6.2  | 0.4  |            | 13.5            | 57   | 29.3 | 0.2  |            |            |
| Total %          | 3.6                     | 12.1 | 1.2  | 0.2  | 17.1       | 1.3             | 5.2  | 11.3 | 0    | 17.8       | 24.1                    | 21.9 | 3.1  | 0.2  | 49.2       | 2.1             | 9    | 4.6  | 0    | 15.8       |            |
| Unshifted        | 94                      | 317  | 31   | 6    | 448        | 34              | 136  | 286  | 1    | 457        | 637                     | 580  | 81   | 6    | 1304       | 56              | 244  | 126  | 1    | 427        | 2636       |
| % Unshifted      | 95.9                    | 96.1 | 96.9 | 100  | 96.1       | 100             | 95.8 | 93.2 | 100  | 94.4       | 97.4                    | 97.5 | 97.6 | 100  | 97.5       | 96.6            | 99.6 | 100  | 100  | 99.3       | 97         |
| Heavy Vehicles   | 4                       | 13   | 1    | 0    | 18         | 0               | 6    | 21   | 0    | 27         | 17                      | 15   | 2    | 0    | 34         | 2               | 1    | 0    | 0    | 3          | 82         |
| % Heavy Vehicles | 4.1                     | 3.9  | 3.1  | 0    | 3.9        | 0               | 4.2  | 6.8  | 0    | 5.6        | 2.6                     | 2.5  | 2.4  | 0    | 2.5        | 3.4             | 0.4  | 0    | 0    | 0.7        | 3          |



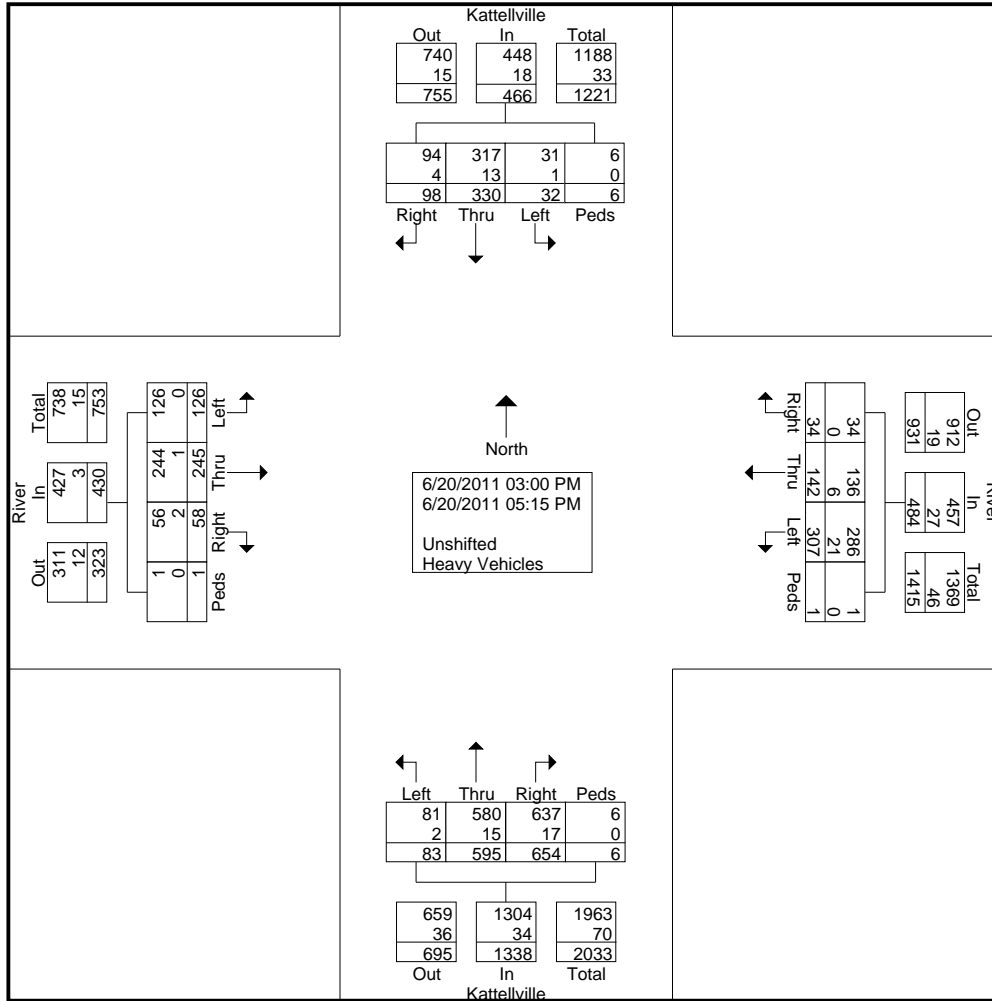
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| Start Time   | Kattellville From North |      |      |      |            | River From East |      |      |      |            | Kattellville From South |      |      |      |            | River From West |      |      |      |            | Int. Total |
|--|-------------------------|------|------|------|------------|-----------------|------|------|------|------------|-------------------------|------|------|------|------------|-----------------|------|------|------|------------|------------|
|  | 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 04:45 PM - Peak 1 of 1 |                         |      |      |      |            |                 |      |      |      |            |                         |      |      |      |            |                 |      |      |      |            |            |
| Peak Hour for Entire Intersection Begins at 03:45 PM       |                         |      |      |      |            |                 |      |      |      |            |                         |      |      |      |            |                 |      |      |      |            |            |
| 03:45 PM   | 11                      | 42   | 3    | 0    | 56         | 3               | 20   | 35   | 0    | 58         | 68                      | 74   | 16   | 0    | 158        | 7               | 33   | 16   | 0    | 56         | 328        |
| 04:00 PM   | 10                      | 36   | 3    | 0    | 49         | 6               | 12   | 45   | 0    | 63         | 75                      | 56   | 7    | 2    | 140        | 7               | 22   | 12   | 0    | 41         | 293        |
| 04:15 PM   | 9                       | 29   | 5    | 1    | 44         | 5               | 18   | 34   | 0    | 57         | 68                      | 49   | 7    | 0    | 124        | 2               | 16   | 14   | 0    | 32         | 257        |
| 04:30 PM   | 12                      | 31   | 3    | 1    | 47         | 4               | 14   | 30   | 1    | 49         | 69                      | 72   | 3    | 1    | 145        | 13              | 21   | 13   | 1    | 48         | 289        |
| Total Volume   | 42                      | 138  | 14   | 2    | 196        | 18              | 64   | 144  | 1    | 227        | 280                     | 251  | 33   | 3    | 567        | 29              | 92   | 55   | 1    | 177        | 1167       |
| % App. Total   | 21.4                    | 70.4 | 7.1  | 1    |            | 7.9             | 28.2 | 63.4 | 0.4  |            | 49.4                    | 44.3 | 5.8  | 0.5  |            | 16.4            | 52   | 31.1 | 0.6  |            |            |
| PHF  | .875                    | .821 | .700 | .500 | .875       | .750            | .800 | .800 | .250 | .901       | .933                    | .848 | .516 | .375 | .897       | .558            | .697 | .859 | .250 | .790       | .889       |

