

Binghamton Metropolitan Transportation Study

P.O Box 1766
Binghamton, NY 13902

Bryan Bunnell
East Main and Jackson
Endicott
Finally Friday

File Name : East Main and Jackson AM 2012
Site Code : 159
Start Date : 6/15/2012
Page No : 1

Groups Printed- Unshifted - Heavy Vehicles

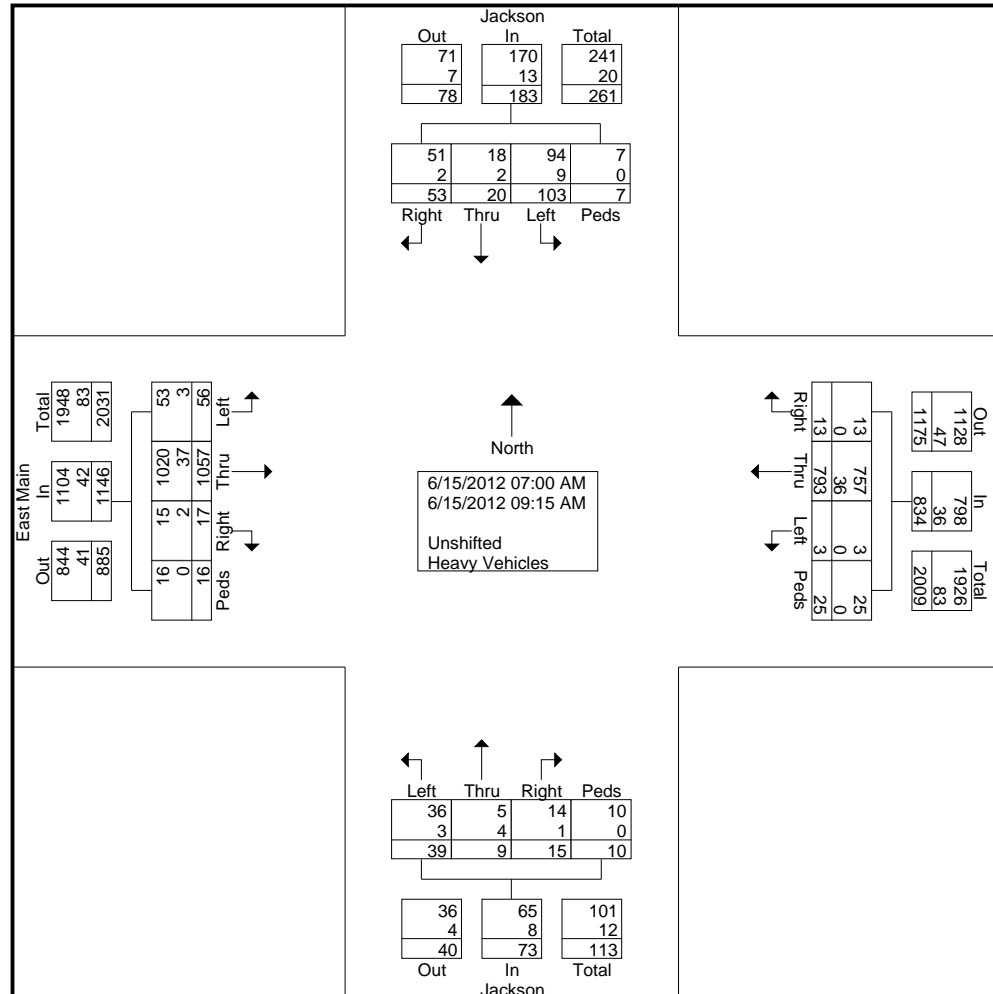
| Start Time | Jackson From North | | | | | East Main From East | | | | | Jackson From South | | | | | East Main From West | | | | | Int. Total |
|------------------|--------------------|------|------|------|------------|---------------------|------|------|------|------------|--------------------|------|------|------|------------|---------------------|------|------|------|------------|------------|
| | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | Right | Thru | Left | Peds | App. Total | |
| 07:00 AM | 3 | 0 | 6 | 0 | 9 | 0 | 52 | 0 | 3 | 55 | 1 | 0 | 5 | 0 | 6 | 2 | 60 | 1 | 3 | 66 | 136 |
| 07:15 AM | 3 | 2 | 9 | 0 | 14 | 3 | 69 | 0 | 3 | 75 | 1 | 0 | 3 | 3 | 7 | 2 | 103 | 4 | 0 | 109 | 205 |
| 07:30 AM | 6 | 3 | 7 | 0 | 16 | 1 | 72 | 1 | 1 | 75 | 1 | 2 | 5 | 0 | 8 | 1 | 114 | 5 | 0 | 120 | 219 |
| 07:45 AM | 9 | 0 | 10 | 0 | 19 | 0 | 108 | 0 | 0 | 108 | 2 | 3 | 6 | 0 | 11 | 0 | 128 | 9 | 0 | 137 | 275 |
| Total | 21 | 5 | 32 | 0 | 58 | 4 | 301 | 1 | 7 | 313 | 5 | 5 | 19 | 3 | 32 | 5 | 405 | 19 | 3 | 432 | 835 |
| 08:00 AM | 6 | 5 | 10 | 1 | 22 | 2 | 70 | 0 | 4 | 76 | 0 | 2 | 6 | 0 | 8 | 1 | 105 | 4 | 0 | 110 | 216 |
| 08:15 AM | 5 | 4 | 9 | 0 | 18 | 1 | 93 | 1 | 2 | 97 | 3 | 1 | 7 | 1 | 12 | 2 | 103 | 3 | 4 | 112 | 239 |
| 08:30 AM | 13 | 1 | 8 | 2 | 24 | 0 | 79 | 0 | 2 | 81 | 3 | 1 | 1 | 1 | 6 | 1 | 121 | 5 | 3 | 130 | 241 |
| 08:45 AM | 4 | 4 | 18 | 0 | 26 | 1 | 93 | 0 | 4 | 98 | 2 | 0 | 1 | 0 | 3 | 2 | 121 | 6 | 1 | 130 | 257 |
| Total | 28 | 14 | 45 | 3 | 90 | 4 | 335 | 1 | 12 | 352 | 8 | 4 | 15 | 2 | 29 | 6 | 450 | 18 | 8 | 482 | 953 |
| 09:00 AM | 2 | 0 | 9 | 0 | 11 | 2 | 86 | 0 | 1 | 89 | 1 | 0 | 2 | 0 | 3 | 2 | 117 | 10 | 0 | 129 | 232 |
| 09:15 AM | 2 | 1 | 17 | 4 | 24 | 3 | 71 | 1 | 5 | 80 | 1 | 0 | 3 | 5 | 9 | 4 | 85 | 9 | 5 | 103 | 216 |
| Grand Total | 53 | 20 | 103 | 7 | 183 | 13 | 793 | 3 | 25 | 834 | 15 | 9 | 39 | 10 | 73 | 17 | 1057 | 56 | 16 | 1146 | 2236 |
| Apprch % | 29 | 10.9 | 56.3 | 3.8 | | 1.6 | 95.1 | 0.4 | 3 | | 20.5 | 12.3 | 53.4 | 13.7 | | 1.5 | 92.2 | 4.9 | 1.4 | | |
| Total % | 2.4 | 0.9 | 4.6 | 0.3 | 8.2 | 0.6 | 35.5 | 0.1 | 1.1 | 37.3 | 0.7 | 0.4 | 1.7 | 0.4 | 3.3 | 0.8 | 47.3 | 2.5 | 0.7 | 51.3 | |
| Unshifted | 51 | 18 | 94 | 7 | 170 | 13 | 757 | 3 | 25 | 798 | 14 | 5 | 36 | 10 | 65 | 15 | 1020 | 53 | 16 | 1104 | 2137 |
| % Unshifted | 96.2 | 90 | 91.3 | 100 | 92.9 | 100 | 95.5 | 100 | 100 | 95.7 | 93.3 | 55.6 | 92.3 | 100 | 89 | 88.2 | 96.5 | 94.6 | 100 | 96.3 | 95.6 |
| Heavy Vehicles | 2 | 2 | 9 | 0 | 13 | 0 | 36 | 0 | 0 | 36 | 1 | 4 | 3 | 0 | 8 | 2 | 37 | 3 | 0 | 42 | 99 |
| % Heavy Vehicles | 3.8 | 10 | 8.7 | 0 | 7.1 | 0 | 4.5 | 0 | 0 | 4.3 | 6.7 | 44.4 | 7.7 | 0 | 11 | 11.8 | 3.5 | 5.4 | 0 | 3.7 | 4.4 |

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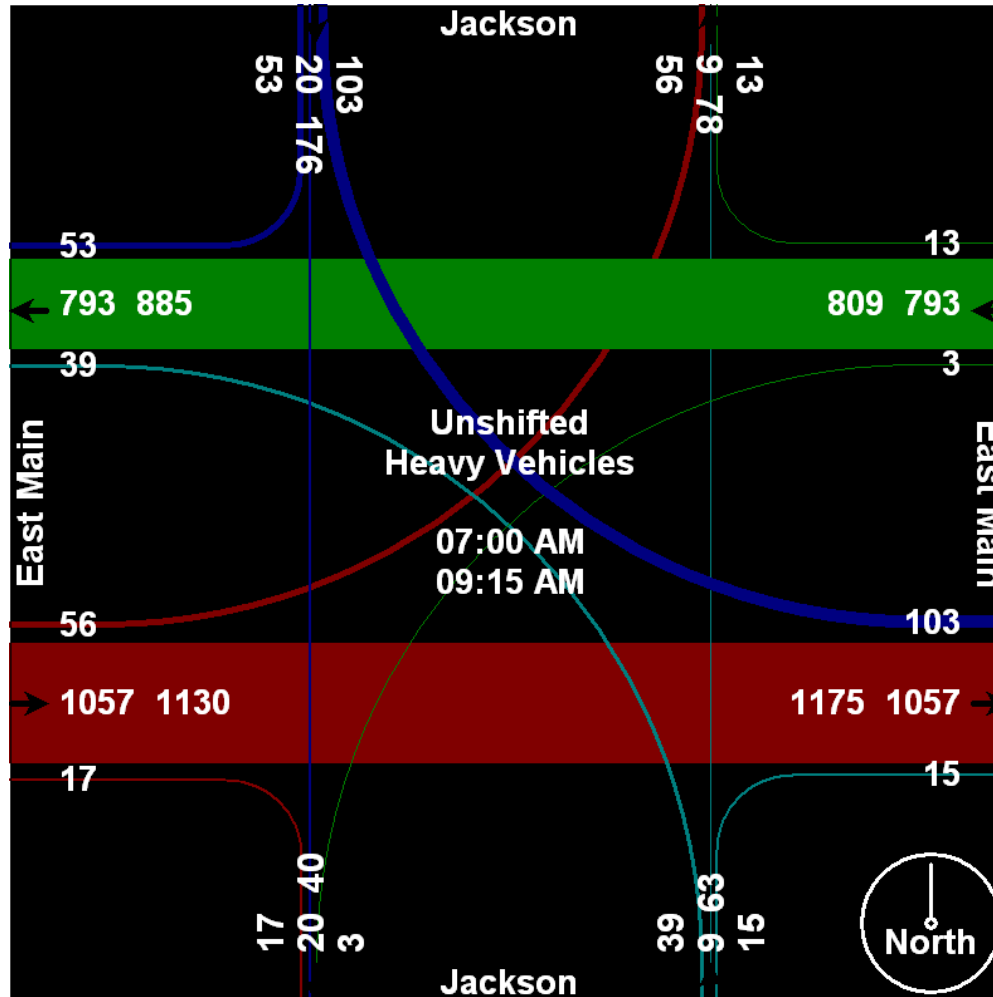


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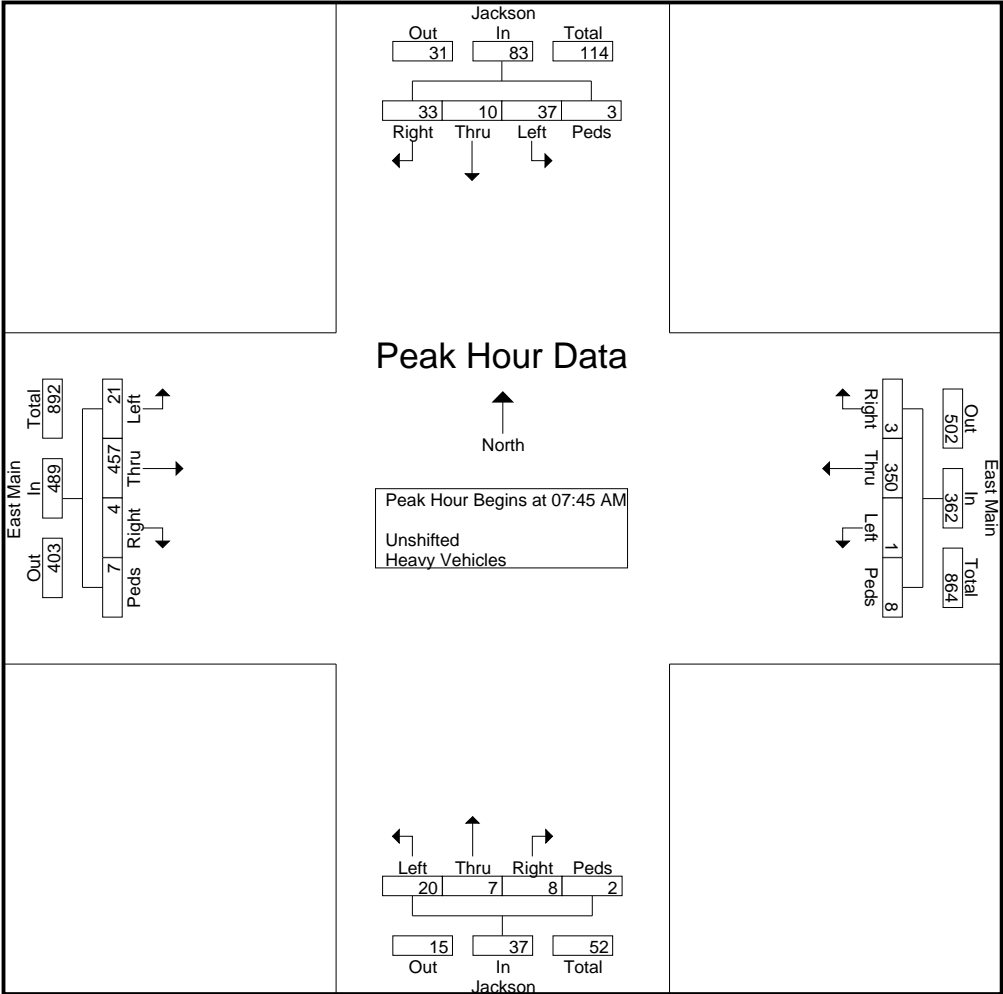
| Start Time | Jackson From North | | | | | East Main From East | | | | | Jackson From South | | | | | East Main From West | | | | | Int. Total |
|--|--------------------|------|------|------|------------|---------------------|------|------|------|------------|--------------------|------|------|------|------------|---------------------|------|------|------|------------|------------|
| | 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 07:00 AM to 09:15 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 07:45 AM | | | | | | | | | | | | | | | | | | | | | |
| 07:45 AM | 9 | 0 | 10 | 0 | 19 | 0 | 108 | 0 | 0 | 108 | 2 | 3 | 6 | 0 | 11 | 0 | 128 | 9 | 0 | 137 | 275 |
| 08:00 AM | 6 | 5 | 10 | 1 | 22 | 2 | 70 | 0 | 4 | 76 | 0 | 2 | 6 | 0 | 8 | 1 | 105 | 4 | 0 | 110 | 216 |
| 08:15 AM | 5 | 4 | 9 | 0 | 18 | 1 | 93 | 1 | 2 | 97 | 3 | 1 | 7 | 1 | 12 | 2 | 103 | 3 | 4 | 112 | 239 |
| 08:30 AM | 13 | 1 | 8 | 2 | 24 | 0 | 79 | 0 | 2 | 81 | 3 | 1 | 1 | 1 | 6 | 1 | 121 | 5 | 3 | 130 | 241 |
| Total Volume | 33 | 10 | 37 | 3 | 83 | 3 | 350 | 1 | 8 | 362 | 8 | 7 | 20 | 2 | 37 | 4 | 457 | 21 | 7 | 489 | 971 |
| % App. Total | 39.8 | 12 | 44.6 | 3.6 | | 0.8 | 96.7 | 0.3 | 2.2 | | 21.6 | 18.9 | 54.1 | 5.4 | | 0.8 | 93.5 | 4.3 | 1.4 | | |
| PHF | .635 | .500 | .925 | .375 | .865 | .375 | .810 | .250 | .500 | .838 | .667 | .583 | .714 | .500 | .771 | .500 | .893 | .583 | .438 | .892 | .883 |

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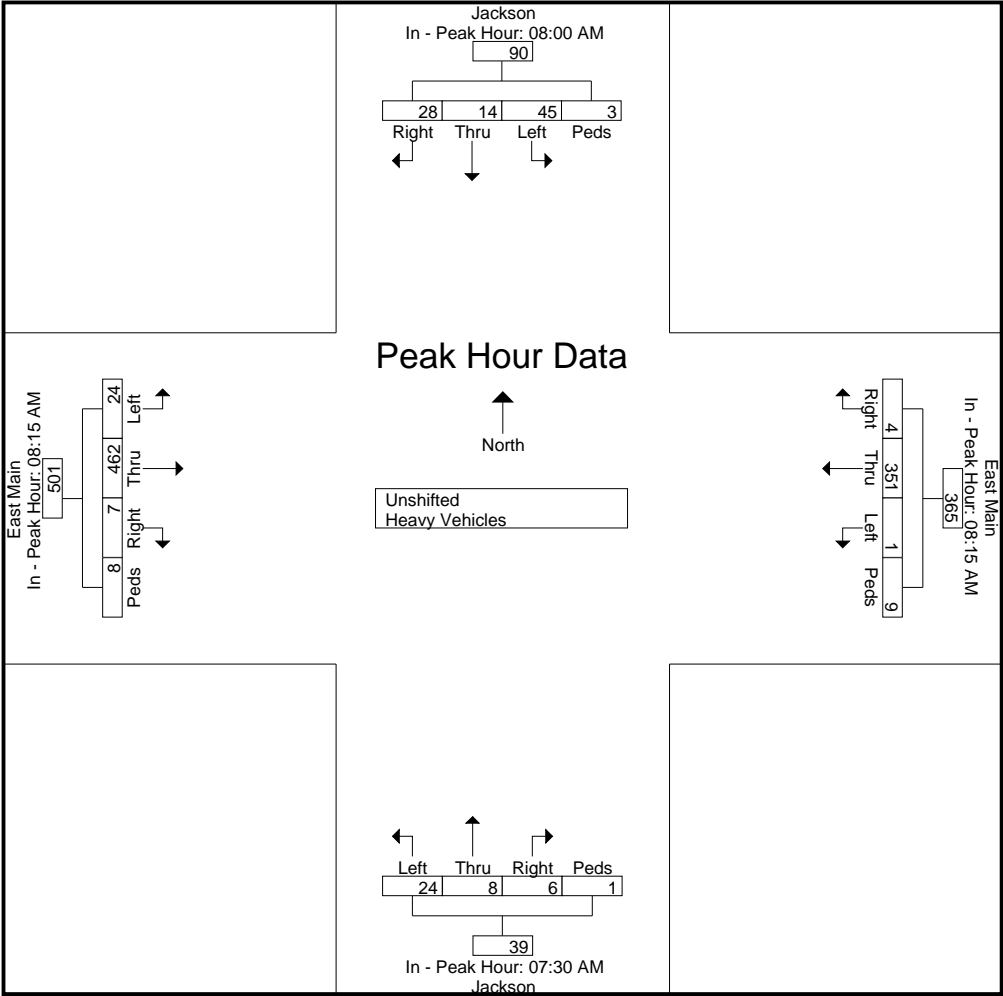
| Start Time | Jackson From North | | | | | East Main From East | | | | | Jackson From South | | | | | East Main From West | | | | | Int. Total |
|--|--------------------|------|-----------|------|------------|---------------------|-----------|------|------|------------|--------------------|------|------|------|------------|---------------------|------------|-----------|------|------------|------------|
| | 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 07:00 AM to 09:15 AM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Each Approach Begins at: | | | | | | | | | | | | | | | | | | | | | |
| | 08:00 AM | | | | | 08:15 AM | | | | | 07:30 AM | | | | | 08:15 AM | | | | | |
| +0 mins. | 6 | 5 | 10 | 1 | 22 | 1 | 93 | 1 | 2 | 97 | 1 | 2 | 5 | 0 | 8 | 2 | 103 | 3 | 4 | 112 | |
| +15 mins. | 5 | 4 | 9 | 0 | 18 | 0 | 79 | 0 | 2 | 81 | 2 | 3 | 6 | 0 | 11 | 1 | 121 | 5 | 3 | 130 | |
| +30 mins. | 13 | 1 | 8 | 2 | 24 | 1 | 93 | 0 | 4 | 98 | 0 | 2 | 6 | 0 | 8 | 2 | 121 | 6 | 1 | 130 | |
| +45 mins. | 4 | 4 | 18 | 0 | 26 | 2 | 86 | 0 | 1 | 89 | 3 | 1 | 7 | 1 | 12 | 2 | 117 | 10 | 0 | 129 | |
| Total Volume | 28 | 14 | 45 | 3 | 90 | 4 | 351 | 1 | 9 | 365 | 6 | 8 | 24 | 1 | 39 | 7 | 462 | 24 | 8 | 501 | |
| % App. Total | 31.1 | 15.6 | 50 | 3.3 | | 1.1 | 96.2 | 0.3 | 2.5 | | 15.4 | 20.5 | 61.5 | 2.6 | | 1.4 | 92.2 | 4.8 | 1.6 | | |
| PHF | .538 | .700 | .625 | .375 | .865 | .500 | .944 | .250 | .563 | .931 | .500 | .667 | .857 | .250 | .813 | .875 | .955 | .600 | .500 | .963 | |

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