

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: Ann St AM SB Study

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Congestion Management Plan Update Montgomery MPO

Study Name : **Ann St AM SB Study**
 Study Date : **12/12/2013**
 Page No. : **2**

Study Summary

Runs Used in This Study

| Run Title | Start Date | Start Time | Length | Before/ After | Run Type |
|--------------------|------------|------------|--------|---------------|-----------|
| Ann St AM-SB-001 t | 12/12/13 | 08:56 | 7558 | Before | Secondary |
| Ann St AM-SB-002 t | 12/13/13 | 07:19 | 7556 | Before | Secondary |
| Ann St AM-SB-003 t | 12/13/13 | 07:39 | 7780 | Before | Secondary |

Notes:

Node Info

| # | Len | Name |
|----|-----|----------------------|
| 1 | 0 | Madison Ave |
| 2 | 380 | Brewton St |
| 3 | 547 | Brewton St |
| 4 | 386 | Greenville St |
| 5 | 278 | Geneva St |
| 6 | 244 | McQueen St |
| 7 | 370 | Spann PI / Althea St |
| 8 | 380 | Thrasher St |
| 9 | 579 | Highland Ave |
| 10 | 419 | Plum St |
| 11 | 386 | Cherry St |
| 12 | 407 | Locust St |
| 13 | 329 | Poplar St |
| 14 | 312 | Chesnut St |
| 15 | 258 | I-85 WB Ramps |
| 16 | 278 | I-85 |
| 17 | 168 | I-85 EB Ramps |
| 18 | 170 | Spruce St |
| 19 | 349 | Zelda Rd |
| 20 | 239 | E 3rd St |
| 21 | 908 | E 5th St |

Length of Study Route = 7,387 feet

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Study Name : **Ann St AM SB Study**
 Study Date : **12/12/2013**
 Page No. : **3**

Overall Output Statistics

| Node # | Length | Node | Travel Time | # of Stops | Avg Speed | Total Delay | Time <= 0 MPH | Time <= 15 MPH | Time <= 30 MPH |
|--------------|--------------|----------------------|--------------|------------|-------------|--------------|---------------|----------------|----------------|
| 1 | 0 | Madison Ave | | | | | | | |
| 2 | 380 | Brewton St | 16.0 | 0.3 | 16.2 | 7.0 | 0.7 | 4.0 | 14.7 |
| 3 | 547 | Brewton St | 84.7 | 1.7 | 4.4 | 72.3 | 16.3 | 77.0 | 81.0 |
| 4 | 386 | Greenville St | 17.0 | 0.3 | 15.5 | 8.3 | 2.7 | 7.3 | 14.3 |
| 5 | 278 | Geneva St | 7.0 | 0.0 | 27.1 | 0.7 | 0.0 | 0.0 | 6.0 |
| 6 | 244 | McQueen St | 5.7 | 0.0 | 29.4 | 0.3 | 0.0 | 0.0 | 2.3 |
| 7 | 370 | Spann PI / Althea St | 8.0 | 0.0 | 31.5 | 0.0 | 0.0 | 0.0 | 3.0 |
| 8 | 380 | Thrasher St | 8.0 | 0.0 | 32.4 | 0.0 | 0.0 | 0.0 | 1.7 |
| 9 | 579 | Highland Ave | 21.3 | 0.3 | 18.5 | 8.3 | 0.7 | 8.7 | 18.0 |
| 10 | 419 | Plum St | 10.3 | 0.0 | 27.6 | 1.3 | 0.0 | 1.0 | 5.7 |
| 11 | 386 | Cherry St | 8.0 | 0.0 | 32.9 | 0.0 | 0.0 | 0.0 | 0.3 |
| 12 | 407 | Locust St | 10.0 | 0.0 | 27.8 | 1.0 | 0.0 | 1.0 | 4.7 |
| 13 | 329 | Poplar St | 9.3 | 0.0 | 24.0 | 1.3 | 0.0 | 1.0 | 8.3 |
| 14 | 312 | Chesnut St | 61.3 | 1.0 | 3.5 | 54.0 | 32.7 | 55.0 | 59.3 |
| 15 | 258 | I-85 WB Ramps | 6.7 | 0.0 | 26.4 | 0.3 | 0.0 | 0.0 | 4.7 |
| 16 | 278 | I-85 | 11.7 | 0.3 | 16.2 | 6.0 | 0.7 | 6.0 | 10.0 |
| 17 | 168 | I-85 EB Ramps | 26.0 | 0.0 | 4.4 | 22.0 | 6.3 | 22.3 | 24.7 |
| 18 | 170 | Spruce St | 4.3 | 0.0 | 26.7 | 0.0 | 0.0 | 0.0 | 3.3 |
| 19 | 349 | Zelda Rd | 8.0 | 0.0 | 29.7 | 0.0 | 0.0 | 0.0 | 5.3 |
| 20 | 239 | E 3rd St | 5.7 | 0.0 | 28.8 | 0.0 | 0.0 | 0.0 | 5.0 |
| 21 | 908 | E 5th St | 22.7 | 0.0 | 27.3 | 1.7 | 0.0 | 0.0 | 17.7 |
| Total | 7,387 | | 351.7 | 4.0 | 14.3 | 184.7 | 60.0 | 183.3 | 290.0 |

Stats based on 3 BEFORE runs.
 Stops based on a Stop Speed of 5 MPH.
 Total Delay based on a Normal Speed of 30 MPH.

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Study Name : **Ann St AM SB Study**
 Study Date : **12/12/2013**
 Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Ann St AM-SB-001 t
 Ann St AM-SB-002 t
 Ann St AM-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|----------------------|--------|--------|--------|
| 1 | 0 | Madison Ave | | | |
| 2 | 380 | Brewton St | 10 | 15 | 23 |
| 3 | 547 | Brewton St | 11 | 42 | 201 |
| 4 | 386 | Greenville St | 8 | 12 | 31 |
| 5 | 278 | Geneva St | 7 | 6 | 8 |
| 6 | 244 | McQueen St | 5 | 5 | 7 |
| 7 | 370 | Spann Pl / Althea St | 7 | 8 | 9 |
| 8 | 380 | Thrasher St | 8 | 7 | 9 |
| 9 | 579 | Highland Ave | 14 | 12 | 38 |
| 10 | 419 | Plum St | 9 | 8 | 14 |
| 11 | 386 | Cherry St | 8 | 7 | 9 |
| 12 | 407 | Locust St | 9 | 8 | 13 |
| 13 | 329 | Poplar St | 8 | 10 | 10 |
| 14 | 312 | Chesnut St | 95 | 83 | 6 |
| 15 | 258 | I-85 WB Ramps | 7 | 8 | 5 |
| 16 | 278 | I-85 | 5 | 6 | 24 |
| 17 | 168 | I-85 EB Ramps | 4 | 4 | 70 |
| 18 | 170 | Spruce St | 5 | 4 | 4 |
| 19 | 349 | Zelda Rd | 8 | 9 | 7 |
| 20 | 239 | E 3rd St | 5 | 6 | 6 |
| 21 | 908 | E 5th St | 21 | 21 | 26 |
| Totals | 7387 | | 254 | 281 | 520 |

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Study Name : **Ann St AM SB Study**
 Study Date : **12/12/2013**
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Detailed Statistics By Run

Average Speed (MPH) by Section

Ann St AM-SB-001 t
Ann St AM-SB-002 t
Ann St AM-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|----------------------|--------|--------|--------|
| 1 | 0 | Madison Ave | | | |
| 2 | 380 | Brewton St | 28.2 | 17.9 | 11.3 |
| 3 | 547 | Brewton St | 34.1 | 9.0 | 2.0 |
| 4 | 386 | Greenville St | 31.0 | 22.3 | 8.1 |
| 5 | 278 | Geneva St | 29.7 | 29.7 | 23.8 |
| 6 | 244 | McQueen St | 33.0 | 32.8 | 26.9 |
| 7 | 370 | Spann PI / Althea St | 34.0 | 35.6 | 27.9 |
| 8 | 380 | Thrasher St | 32.9 | 36.4 | 29.4 |
| 9 | 579 | Highland Ave | 28.4 | 31.5 | 9.8 |
| 10 | 419 | Plum St | 31.1 | 35.9 | 20.4 |
| 11 | 386 | Cherry St | 32.9 | 38.0 | 32.2 |
| 12 | 407 | Locust St | 31.8 | 33.8 | 19.6 |
| 13 | 329 | Poplar St | 27.1 | 22.0 | 24.1 |
| 14 | 312 | Chesnut St | 2.3 | 2.7 | 35.0 |
| 15 | 258 | I-85 WB Ramps | 27.0 | 23.5 | 33.6 |
| 16 | 278 | I-85 | 32.6 | 28.2 | 7.4 |
| 17 | 168 | I-85 EB Ramps | 31.5 | 29.8 | 1.9 |
| 18 | 170 | Spruce St | 26.4 | 29.3 | 32.8 |
| 19 | 349 | Zelda Rd | 28.5 | 28.1 | 31.6 |
| 20 | 239 | E 3rd St | 29.4 | 27.0 | 28.2 |
| 21 | 908 | E 5th St | 29.7 | 28.6 | 24.2 |
| Totals | 7387 | | 19.9 | 18.0 | 9.8 |

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Study Name : **Ann St AM SB Study**
 Study Date : **12/12/2013**
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Detailed Statistics By Run

Total Delay (sec) by Section

Ann St AM-SB-001 t
Ann St AM-SB-002 t
Ann St AM-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|----------------------|--------|--------|--------|
| 1 | 0 | Madison Ave | | | |
| 2 | 380 | Brewton St | 1 | 6 | 14 |
| 3 | 547 | Brewton St | 0 | 29 | 188 |
| 4 | 386 | Greenville St | 0 | 3 | 22 |
| 5 | 278 | Geneva St | 0 | 0 | 2 |
| 6 | 244 | McQueen St | 0 | 0 | 1 |
| 7 | 370 | Spann PI / Althea St | 0 | 0 | 0 |
| 8 | 380 | Thrasher St | 0 | 0 | 0 |
| 9 | 579 | Highland Ave | 0 | 0 | 25 |
| 10 | 419 | Plum St | 0 | 0 | 4 |
| 11 | 386 | Cherry St | 0 | 0 | 0 |
| 12 | 407 | Locust St | 0 | 0 | 3 |
| 13 | 329 | Poplar St | 0 | 2 | 2 |
| 14 | 312 | Chesnut St | 87 | 75 | 0 |
| 15 | 258 | I-85 WB Ramps | 0 | 1 | 0 |
| 16 | 278 | I-85 | 0 | 0 | 18 |
| 17 | 168 | I-85 EB Ramps | 0 | 0 | 66 |
| 18 | 170 | Spruce St | 0 | 0 | 0 |
| 19 | 349 | Zelda Rd | 0 | 0 | 0 |
| 20 | 239 | E 3rd St | 0 | 0 | 0 |
| 21 | 908 | E 5th St | 0 | 0 | 5 |
| Totals | 7387 | | 88 | 116 | 350 |

Total Delay based on a Normal Speed of 30 MPH.

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Study Name : **Ann St AM SB Study**
 Study Date : **12/12/2013**
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Detailed Statistics By Run

Time <= 0 MPH by Section

Ann St AM-SB-001 t
Ann St AM-SB-002 t
Ann St AM-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|---------------|-------------|----------------------|-----------|-----------|-----------|
| 1 | 0 | Madison Ave | | | |
| 2 | 380 | Brewton St | 0 | 0 | 2 |
| 3 | 547 | Brewton St | 0 | 3 | 46 |
| 4 | 386 | Greenville St | 0 | 0 | 8 |
| 5 | 278 | Geneva St | 0 | 0 | 0 |
| 6 | 244 | McQueen St | 0 | 0 | 0 |
| 7 | 370 | Spann PI / Althea St | 0 | 0 | 0 |
| 8 | 380 | Thrasher St | 0 | 0 | 0 |
| 9 | 579 | Highland Ave | 0 | 0 | 2 |
| 10 | 419 | Plum St | 0 | 0 | 0 |
| 11 | 386 | Cherry St | 0 | 0 | 0 |
| 12 | 407 | Locust St | 0 | 0 | 0 |
| 13 | 329 | Poplar St | 0 | 0 | 0 |
| 14 | 312 | Chesnut St | 64 | 34 | 0 |
| 15 | 258 | I-85 WB Ramps | 0 | 0 | 0 |
| 16 | 278 | I-85 | 0 | 0 | 2 |
| 17 | 168 | I-85 EB Ramps | 0 | 0 | 19 |
| 18 | 170 | Spruce St | 0 | 0 | 0 |
| 19 | 349 | Zelda Rd | 0 | 0 | 0 |
| 20 | 239 | E 3rd St | 0 | 0 | 0 |
| 21 | 908 | E 5th St | 0 | 0 | 0 |
| Totals | 7387 | | 64 | 37 | 79 |

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Study Name : **Ann St AM SB Study**
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Detailed Statistics By Run

Time <= 15 MPH by Section

Ann St AM-SB-001 t
 Ann St AM-SB-002 t
 Ann St AM-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|----------------------|--------|--------|--------|
| 1 | 0 | Madison Ave | | | |
| 2 | 380 | Brewton St | 0 | 0 | 12 |
| 3 | 547 | Brewton St | 0 | 34 | 197 |
| 4 | 386 | Greenville St | 0 | 0 | 22 |
| 5 | 278 | Geneva St | 0 | 0 | 0 |
| 6 | 244 | McQueen St | 0 | 0 | 0 |
| 7 | 370 | Spann PI / Althea St | 0 | 0 | 0 |
| 8 | 380 | Thrasher St | 0 | 0 | 0 |
| 9 | 579 | Highland Ave | 0 | 0 | 26 |
| 10 | 419 | Plum St | 0 | 0 | 3 |
| 11 | 386 | Cherry St | 0 | 0 | 0 |
| 12 | 407 | Locust St | 0 | 0 | 3 |
| 13 | 329 | Poplar St | 0 | 2 | 1 |
| 14 | 312 | Chesnut St | 89 | 76 | 0 |
| 15 | 258 | I-85 WB Ramps | 0 | 0 | 0 |
| 16 | 278 | I-85 | 0 | 0 | 18 |
| 17 | 168 | I-85 EB Ramps | 0 | 0 | 67 |
| 18 | 170 | Spruce St | 0 | 0 | 0 |
| 19 | 349 | Zelda Rd | 0 | 0 | 0 |
| 20 | 239 | E 3rd St | 0 | 0 | 0 |
| 21 | 908 | E 5th St | 0 | 0 | 0 |
| Totals | 7387 | | 89 | 112 | 349 |

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Study Name : **Ann St AM SB Study**
 Study Date : **12/12/2013**
 Page No. : **9**

Detailed Statistics By Run

Time <= 30 MPH by Section

Ann St AM-SB-001 t
 Ann St AM-SB-002 t
 Ann St AM-SB-003 t

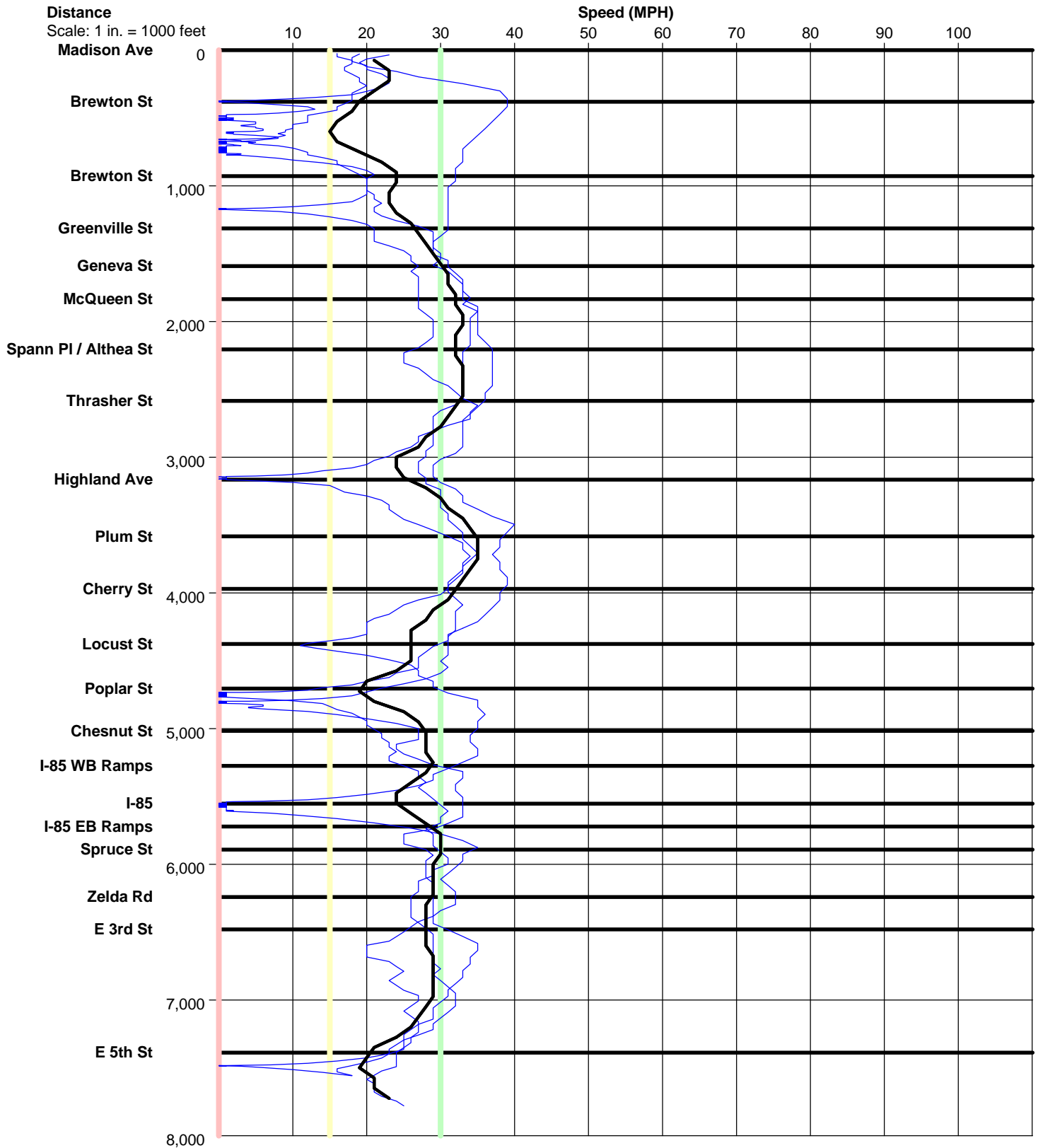
| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|---------------|-------------|----------------------|------------|------------|------------|
| 1 | 0 | Madison Ave | | | |
| 2 | 380 | Brewton St | 6 | 15 | 23 |
| 3 | 547 | Brewton St | 0 | 42 | 201 |
| 4 | 386 | Greenville St | 0 | 12 | 31 |
| 5 | 278 | Geneva St | 6 | 4 | 8 |
| 6 | 244 | McQueen St | 0 | 0 | 7 |
| 7 | 370 | Spann PI / Althea St | 0 | 0 | 9 |
| 8 | 380 | Thrasher St | 0 | 0 | 5 |
| 9 | 579 | Highland Ave | 14 | 5 | 35 |
| 10 | 419 | Plum St | 4 | 0 | 13 |
| 11 | 386 | Cherry St | 0 | 0 | 1 |
| 12 | 407 | Locust St | 0 | 1 | 13 |
| 13 | 329 | Poplar St | 6 | 10 | 9 |
| 14 | 312 | Chesnut St | 95 | 83 | 0 |
| 15 | 258 | I-85 WB Ramps | 6 | 8 | 0 |
| 16 | 278 | I-85 | 0 | 6 | 24 |
| 17 | 168 | I-85 EB Ramps | 1 | 3 | 70 |
| 18 | 170 | Spruce St | 5 | 4 | 1 |
| 19 | 349 | Zelda Rd | 8 | 7 | 1 |
| 20 | 239 | E 3rd St | 4 | 6 | 5 |
| 21 | 908 | E 5th St | 11 | 16 | 26 |
| Totals | 7387 | | 166 | 222 | 482 |

Congestion Management Plan Update

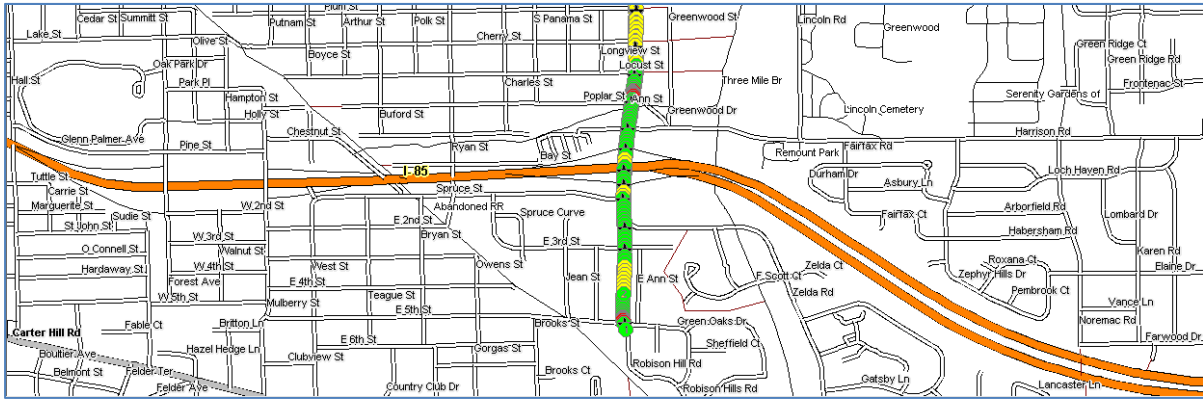
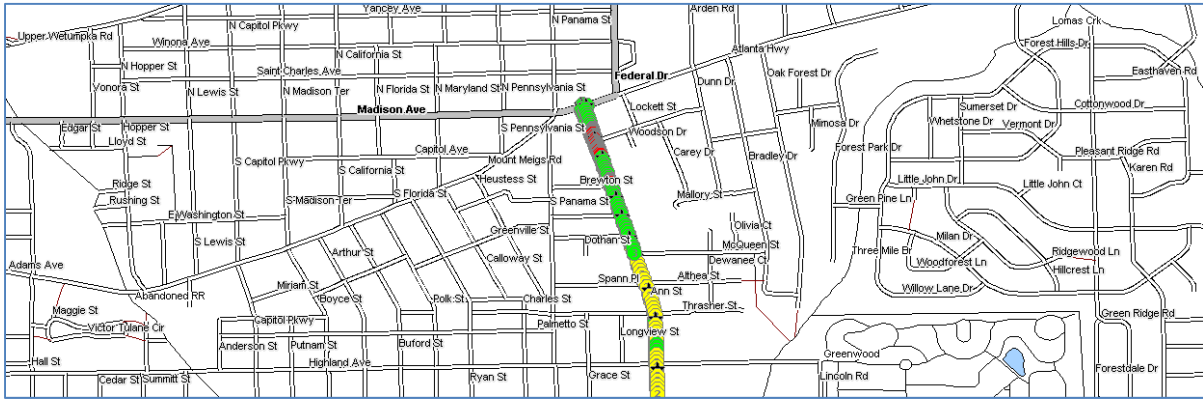
Montgomery MPO

Study Name : Ann St AM SB Study
Study Date : 12/12/2013
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Speed/Distance Profiles of All Runs



Ann St AM SB



Color Code Speeds

| | | | |
|---------|----|----|----|
| Speed 1 | 0 | To | 15 |
| Speed 2 | 15 | To | 30 |
| Speed 3 | 30 | To | 99 |