

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: N Perry Hill Rd OP SB Study

| <u>Report Name</u> | <u>Page</u> |
|---|-------------|
| Study Summary | 2 |
| Overall Output Statistics | 3 |
| Detailed Statistics By Run - Travel Times | 4 |
| Detailed Statistics By Run - Average Speed | 5 |
| Detailed Statistics By Run - Total Delay | 6 |
| Detailed Statistics By Run - Time <= 0 MPH | 7 |
| Detailed Statistics By Run - Time <= 20 MPH | 8 |
| Detailed Statistics By Run - Time <= 35 MPH | 9 |
| Speed/Distance Profiles of All Runs | 10 |

Congestion Management Plan Update Montgomery MPO

Study Name : **N Perry Hill Rd OP SB Study**
 Study Date : **1/21/2014**
 Page No. : **2**

Study Summary

Runs Used in This Study

| Run Title | Start Date | Start Time | Length | Before/After | Run Type |
|-----------------------------|------------|------------|--------|--------------|-----------|
| N Perry Hill Rd OP-SB-001 t | 01/21/14 | 10:29 | 6266 | Before | Secondary |
| N Perry Hill Rd OP-SB-002 t | 01/21/14 | 10:38 | 6287 | Before | Secondary |
| N Perry Hill Rd OP-SB-003 t | 01/21/14 | 10:46 | 6295 | Before | Secondary |

Notes:

Node Info

| # | Len | Name |
|----|------|---------------------|
| 1 | 0 | Atlanta Hwy |
| 2 | 1015 | Cardinal Ln |
| 3 | 387 | Unnamed Rd |
| 4 | 140 | Medal of Honor |
| 5 | 615 | Robbins Rd |
| 6 | 273 | Fairfield Dr |
| 7 | 154 | Samuel J Maraman St |
| 8 | 199 | Perry Hill Ct |
| 9 | 327 | Hudson Ct |
| 10 | 624 | Haynes Ln |
| 11 | 100 | Vista Cir |
| 12 | 386 | Vista Cir |
| 13 | 562 | Sunset Dr |
| 14 | 257 | Marquette Dr |
| 15 | 403 | Duquesne Dr |
| 16 | 433 | Bienville Rd |
| 17 | 220 | Harrison Rd |

Length of Study Route = 6,095 feet

Congestion Management Plan Update

Montgomery MPO

Study Name : N Perry Hill Rd OP SB Study
 Study Date : 1/21/2014
 Page No. : 3

Overall Output Statistics

| Node # | Length | Node | Travel Time | # of Stops | Avg Speed | Total Delay | Time <= 0 MPH | Time <= 20 MPH | Time <= 35 MPH |
|--------------|--------------|----------------------------|--------------|------------|-------------|-------------|---------------|----------------|----------------|
| 1 | 0 | Atlanta Hwy | | | | | | | |
| 2 | 1015 | Cardinal Ln | 24.7 | 0.0 | 28.1 | 4.7 | 0.0 | 1.3 | 18.0 |
| 3 | 387 | Unnamed Rd | 7.7 | 0.0 | 34.4 | 0.0 | 0.0 | 0.0 | 4.7 |
| 4 | 140 | Medal of Honor Memorial Dr | 3.0 | 0.0 | 31.8 | 0.0 | 0.0 | 0.0 | 3.0 |
| 5 | 615 | Robbins Rd | 14.3 | 0.0 | 29.3 | 2.7 | 0.0 | 4.0 | 8.3 |
| 6 | 273 | Fairfield Dr | 5.3 | 0.0 | 34.9 | 0.0 | 0.0 | 0.0 | 2.0 |
| 7 | 154 | Samuel J Maraman St | 3.0 | 0.0 | 35.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 8 | 199 | Perry Hill Ct | 3.3 | 0.0 | 40.7 | 0.0 | 0.0 | 0.0 | 1.0 |
| 9 | 327 | Hudson Ct | 6.0 | 0.0 | 37.2 | 0.0 | 0.0 | 0.0 | 2.0 |
| 10 | 624 | Haynes Ln | 11.3 | 0.0 | 37.5 | 0.0 | 0.0 | 0.0 | 1.0 |
| 11 | 100 | Vista Cir | 1.7 | 0.0 | 40.9 | 0.0 | 0.0 | 0.0 | 0.3 |
| 12 | 386 | Vista Cir | 7.3 | 0.0 | 35.9 | 0.0 | 0.0 | 0.0 | 2.7 |
| 13 | 562 | Sunset Dr | 11.0 | 0.0 | 34.8 | 0.7 | 0.0 | 0.3 | 8.0 |
| 14 | 257 | Marquette Dr | 7.7 | 0.0 | 22.9 | 2.7 | 0.0 | 3.0 | 6.0 |
| 15 | 403 | Duquesne Dr | 8.7 | 0.0 | 31.7 | 1.0 | 0.0 | 0.0 | 6.0 |
| 16 | 433 | Bienville Rd | 9.0 | 0.0 | 32.8 | 0.3 | 0.0 | 0.0 | 6.3 |
| 17 | 220 | Harrison Rd | 4.3 | 0.0 | 34.6 | 0.0 | 0.0 | 0.0 | 2.0 |
| Total | 6,095 | | 128.3 | 0.0 | 32.4 | 12.0 | 0.0 | 8.7 | 72.3 |

Stats based on 3 BEFORE runs.
 Stops based on a Stop Speed of 5 MPH.
 Total Delay based on a Normal Speed of 35 MPH.

Congestion Management Plan Update

Montgomery MPO

Study Name : **N Perry Hill Rd OP SB Study**
 Study Date : **1/21/2014**
 Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

N Perry Hill Rd OP-SB-001 t
N Perry Hill Rd OP-SB-002 t
N Perry Hill Rd OP-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|-------------------------|--------|--------|--------|
| 1 | 0 | Atlanta Hwy | | | |
| 2 | 1015 | Cardinal Ln | 25 | 24 | 25 |
| 3 | 387 | Unnamed Rd | 8 | 7 | 8 |
| 4 | 140 | Medal of Honor Memorial | 3 | 3 | 3 |
| 5 | 615 | Robbins Rd | 11 | 20 | 12 |
| 6 | 273 | Fairfield Dr | 5 | 6 | 5 |
| 7 | 154 | Samuel J Maraman St | 3 | 3 | 3 |
| 8 | 199 | Perry Hill Ct | 3 | 4 | 3 |
| 9 | 327 | Hudson Ct | 5 | 6 | 7 |
| 10 | 624 | Haynes Ln | 11 | 11 | 12 |
| 11 | 100 | Vista Cir | 2 | 2 | 1 |
| 12 | 386 | Vista Cir | 6 | 8 | 8 |
| 13 | 562 | Sunset Dr | 9 | 12 | 12 |
| 14 | 257 | Marquette Dr | 5 | 6 | 12 |
| 15 | 403 | Duquesne Dr | 7 | 8 | 11 |
| 16 | 433 | Bienville Rd | 8 | 9 | 10 |
| 17 | 220 | Harrison Rd | 4 | 4 | 5 |
| Totals | 6095 | | 115 | 133 | 137 |

Congestion Management Plan Update

Montgomery MPO

Study Name : **N Perry Hill Rd OP SB Study**
 Study Date : **1/21/2014**
 Page No. : **5**

Detailed Statistics By Run

Average Speed (MPH) by Section

N Perry Hill Rd OP-SB-001 t
N Perry Hill Rd OP-SB-002 t
N Perry Hill Rd OP-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|-------------------------|--------|--------|--------|
| 1 | 0 | Atlanta Hwy | | | |
| 2 | 1015 | Cardinal Ln | 28.2 | 29.1 | 27.8 |
| 3 | 387 | Unnamed Rd | 33.6 | 38.6 | 32.8 |
| 4 | 140 | Medal of Honor Memorial | 33.3 | 33.3 | 33.3 |
| 5 | 615 | Robbins Rd | 35.8 | 21.0 | 36.3 |
| 6 | 273 | Fairfield Dr | 40.6 | 30.2 | 36.8 |
| 7 | 154 | Samuel J Maraman St | 40.7 | 34.3 | 38.0 |
| 8 | 199 | Perry Hill Ct | 40.0 | 34.3 | 37.3 |
| 9 | 327 | Hudson Ct | 40.6 | 36.0 | 35.6 |
| 10 | 624 | Haynes Ln | 39.5 | 39.4 | 35.8 |
| 11 | 100 | Vista Cir | 38.5 | 35.0 | 36.0 |
| 12 | 386 | Vista Cir | 41.8 | 33.4 | 37.0 |
| 13 | 562 | Sunset Dr | 43.9 | 31.8 | 29.6 |
| 14 | 257 | Marquette Dr | 36.4 | 28.8 | 15.6 |
| 15 | 403 | Duquesne Dr | 37.3 | 34.0 | 25.3 |
| 16 | 433 | Bienville Rd | 39.3 | 33.0 | 28.2 |
| 17 | 220 | Harrison Rd | 40.0 | 35.5 | 32.4 |
| Totals | 6095 | | 36.4 | 31.3 | 30.5 |

Congestion Management Plan Update

Montgomery MPO

Study Name : **N Perry Hill Rd OP SB Study**
 Study Date : **1/21/2014**
 Page No. : **6**

Detailed Statistics By Run

Total Delay (sec) by Section

N Perry Hill Rd OP-SB-001 t
N Perry Hill Rd OP-SB-002 t
N Perry Hill Rd OP-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|-------------------------|--------|--------|--------|
| 1 | 0 | Atlanta Hwy | | | |
| 2 | 1015 | Cardinal Ln | 5 | 4 | 5 |
| 3 | 387 | Unnamed Rd | 0 | 0 | 0 |
| 4 | 140 | Medal of Honor Memorial | 0 | 0 | 0 |
| 5 | 615 | Robbins Rd | 0 | 8 | 0 |
| 6 | 273 | Fairfield Dr | 0 | 0 | 0 |
| 7 | 154 | Samuel J Maraman St | 0 | 0 | 0 |
| 8 | 199 | Perry Hill Ct | 0 | 0 | 0 |
| 9 | 327 | Hudson Ct | 0 | 0 | 0 |
| 10 | 624 | Haynes Ln | 0 | 0 | 0 |
| 11 | 100 | Vista Cir | 0 | 0 | 0 |
| 12 | 386 | Vista Cir | 0 | 0 | 0 |
| 13 | 562 | Sunset Dr | 0 | 1 | 1 |
| 14 | 257 | Marquette Dr | 0 | 1 | 7 |
| 15 | 403 | Duquesne Dr | 0 | 0 | 3 |
| 16 | 433 | Bienville Rd | 0 | 0 | 1 |
| 17 | 220 | Harrison Rd | 0 | 0 | 0 |
| Totals | 6095 | | 5 | 14 | 17 |

Total Delay based on a Normal Speed of 35 MPH.

Congestion Management Plan Update

Montgomery MPO

Study Name : **N Perry Hill Rd OP SB Study**
 Study Date : **1/21/2014**
 Page No. : **7**

Detailed Statistics By Run

Time <= 0 MPH by Section

N Perry Hill Rd OP-SB-001 t
 N Perry Hill Rd OP-SB-002 t
 N Perry Hill Rd OP-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|-------------------------|--------|--------|--------|
| 1 | 0 | Atlanta Hwy | | | |
| 2 | 1015 | Cardinal Ln | 0 | 0 | 0 |
| 3 | 387 | Unnamed Rd | 0 | 0 | 0 |
| 4 | 140 | Medal of Honor Memorial | 0 | 0 | 0 |
| 5 | 615 | Robbins Rd | 0 | 0 | 0 |
| 6 | 273 | Fairfield Dr | 0 | 0 | 0 |
| 7 | 154 | Samuel J Maraman St | 0 | 0 | 0 |
| 8 | 199 | Perry Hill Ct | 0 | 0 | 0 |
| 9 | 327 | Hudson Ct | 0 | 0 | 0 |
| 10 | 624 | Haynes Ln | 0 | 0 | 0 |
| 11 | 100 | Vista Cir | 0 | 0 | 0 |
| 12 | 386 | Vista Cir | 0 | 0 | 0 |
| 13 | 562 | Sunset Dr | 0 | 0 | 0 |
| 14 | 257 | Marquette Dr | 0 | 0 | 0 |
| 15 | 403 | Duquesne Dr | 0 | 0 | 0 |
| 16 | 433 | Bienville Rd | 0 | 0 | 0 |
| 17 | 220 | Harrison Rd | 0 | 0 | 0 |
| Totals | 6095 | | 0 | 0 | 0 |

Congestion Management Plan Update

Montgomery MPO

Study Name : **N Perry Hill Rd OP SB Study**
 Study Date : **1/21/2014**
 Page No. : **8**

Detailed Statistics By Run

Time <= 20 MPH by Section

N Perry Hill Rd OP-SB-001 t
N Perry Hill Rd OP-SB-002 t
N Perry Hill Rd OP-SB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|-------------------------|--------|--------|--------|
| 1 | 0 | Atlanta Hwy | | | |
| 2 | 1015 | Cardinal Ln | 4 | 0 | 0 |
| 3 | 387 | Unnamed Rd | 0 | 0 | 0 |
| 4 | 140 | Medal of Honor Memorial | 0 | 0 | 0 |
| 5 | 615 | Robbins Rd | 0 | 12 | 0 |
| 6 | 273 | Fairfield Dr | 0 | 0 | 0 |
| 7 | 154 | Samuel J Maraman St | 0 | 0 | 0 |
| 8 | 199 | Perry Hill Ct | 0 | 0 | 0 |
| 9 | 327 | Hudson Ct | 0 | 0 | 0 |
| 10 | 624 | Haynes Ln | 0 | 0 | 0 |
| 11 | 100 | Vista Cir | 0 | 0 | 0 |
| 12 | 386 | Vista Cir | 0 | 0 | 0 |
| 13 | 562 | Sunset Dr | 0 | 0 | 1 |
| 14 | 257 | Marquette Dr | 0 | 0 | 9 |
| 15 | 403 | Duquesne Dr | 0 | 0 | 0 |
| 16 | 433 | Bienville Rd | 0 | 0 | 0 |
| 17 | 220 | Harrison Rd | 0 | 0 | 0 |
| Totals | 6095 | | 4 | 12 | 10 |

Congestion Management Plan Update

Montgomery MPO

Study Name : **N Perry Hill Rd OP SB Study**
 Study Date : **1/21/2014**
 Page No. : **9**

Detailed Statistics By Run

Time <= 35 MPH by Section

N Perry Hill Rd OP-SB-001 t
N Perry Hill Rd OP-SB-002 t
N Perry Hill Rd OP-SB-003 t

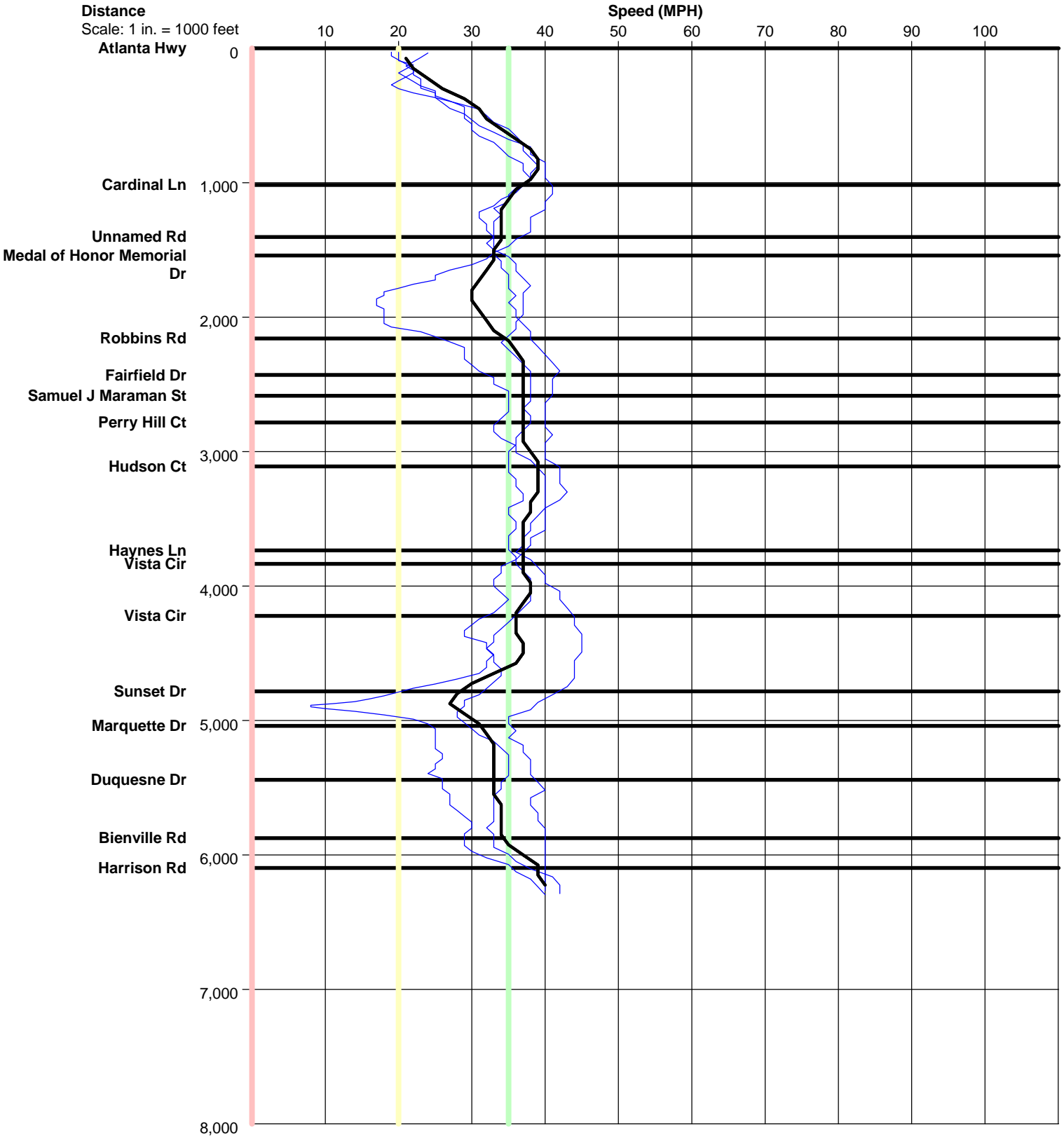
| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|-------------------------|--------|--------|--------|
| 1 | 0 | Atlanta Hwy | | | |
| 2 | 1015 | Cardinal Ln | 17 | 17 | 20 |
| 3 | 387 | Unnamed Rd | 7 | 0 | 7 |
| 4 | 140 | Medal of Honor Memorial | 3 | 3 | 3 |
| 5 | 615 | Robbins Rd | 3 | 20 | 2 |
| 6 | 273 | Fairfield Dr | 0 | 6 | 0 |
| 7 | 154 | Samuel J Maraman St | 0 | 3 | 0 |
| 8 | 199 | Perry Hill Ct | 0 | 3 | 0 |
| 9 | 327 | Hudson Ct | 0 | 2 | 4 |
| 10 | 624 | Haynes Ln | 0 | 0 | 3 |
| 11 | 100 | Vista Cir | 0 | 1 | 0 |
| 12 | 386 | Vista Cir | 0 | 8 | 0 |
| 13 | 562 | Sunset Dr | 0 | 12 | 12 |
| 14 | 257 | Marquette Dr | 0 | 6 | 12 |
| 15 | 403 | Duquesne Dr | 0 | 7 | 11 |
| 16 | 433 | Bienville Rd | 0 | 9 | 10 |
| 17 | 220 | Harrison Rd | 0 | 2 | 4 |
| Totals | 6095 | | 30 | 99 | 88 |

Congestion Management Plan Update

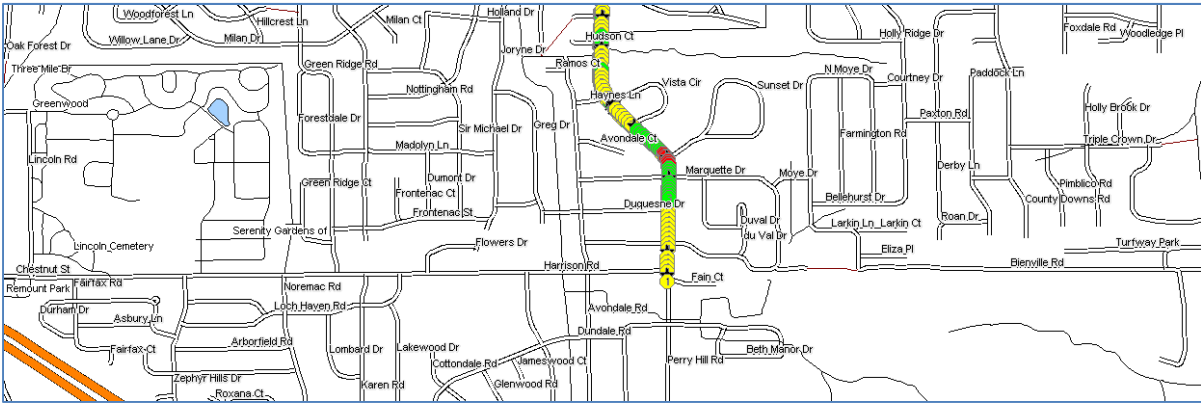
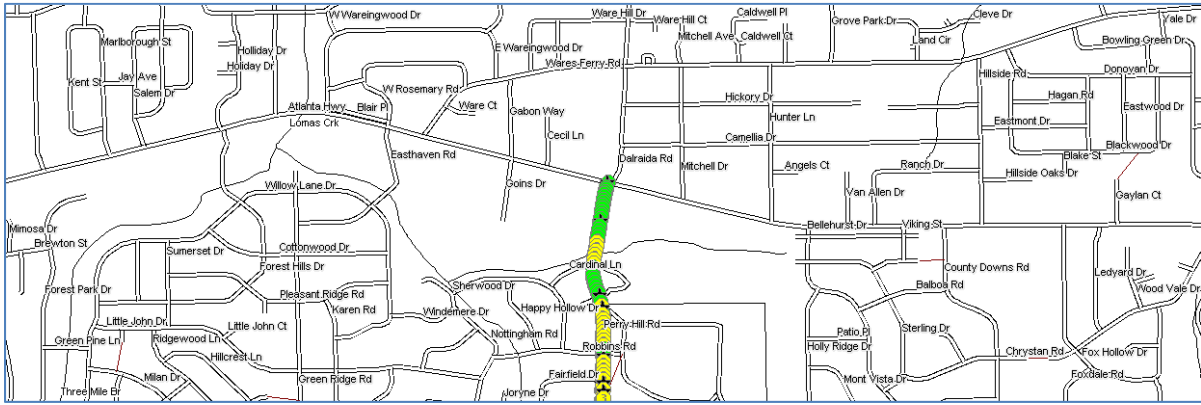
Montgomery MPO

Study Name : N Perry Hill Rd OP SB Study
Study Date : 1/21/2014
Page No. : 10

Speed/Distance Profiles of All Runs



N Perry Hill Rd OP SB



Color Code Speeds

| | | | |
|---------|----|----|----|
| Speed 1 | 0 | To | 20 |
| Speed 2 | 20 | To | 35 |
| Speed 3 | 35 | To | 99 |