

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: Main St OP EB Study

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Study Name : **Main St OP EB Study**

Study Date : **11/12/2013**

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Study Summary

Runs Used in This Study

| Run Title | Start Date | Start Time | Length | Before/ After | Run Type |
|---------------------|------------|------------|--------|---------------|-----------|
| Main St OP-EB-001 t | 11/12/13 | 09:31 | 23092 | Before | Secondary |
| Main St OP-EB-002 t | 11/19/13 | 15:11 | 23099 | Before | Secondary |
| Main St OP-EB-003 t | 11/13/13 | 09:16 | 23091 | Before | Secondary |

Notes:

Node Info

| # | Len | Name |
|----|------|-------------------------|
| 1 | 0 | Memorial Dr |
| 2 | 697 | Chambliss St |
| 3 | 551 | Spencer St |
| 4 | 515 | Wingard St |
| 5 | 449 | Deramus St |
| 6 | 345 | Kerlin St |
| 7 | 411 | Geneva St |
| 8 | 269 | Mary Dr |
| 9 | 369 | Virginia St |
| 10 | 869 | Adell St |
| 11 | 413 | Huie St |
| 12 | 769 | Shady Oak Ln |
| 13 | 2431 | Silver Hills Dr |
| 14 | 1178 | Greystone Way |
| 15 | 1510 | Glynnwood Dr |
| 16 | 1183 | McQueen Smith Rd |
| 17 | 1090 | Unnamed Rd |
| 18 | 1693 | Cobbs Ford Ln |
| 19 | 1453 | Sugar Exchange |
| 20 | 1458 | Old Farm Ln / US-82 |
| 21 | 2969 | Bass Pro Blvd / Legends |
| 22 | 984 | Highland Ridge Dr |
| 23 | 1072 | I-65 SB Ramps |
| 24 | 210 | I-65 |

Length of Study Route = 22,888 feet

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Study Date : **11/12/2013**

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Overall Output Statistics

| Node # | Length | Node | Travel Time | # of Stops | Avg Speed | Total Delay | Time <= 0 MPH | Time <= 30 MPH | Time <= 45 MPH |
|--------------|---------------|----------------------------|--------------|------------|-------------|-------------|---------------|----------------|----------------|
| 1 | 0 | Memorial Dr | | | | | | | |
| 2 | 697 | Chambliss St | 15.7 | 0.0 | 30.3 | 4.7 | 0.0 | 6.7 | 15.7 |
| 3 | 551 | Spencer St | 9.3 | 0.0 | 40.3 | 0.7 | 0.0 | 0.0 | 7.7 |
| 4 | 515 | Wingard St | 7.7 | 0.0 | 45.8 | 0.0 | 0.0 | 0.0 | 3.3 |
| 5 | 449 | Deramus St | 6.3 | 0.0 | 48.3 | 0.0 | 0.0 | 0.0 | 2.3 |
| 6 | 345 | Kerlin St | 4.7 | 0.0 | 50.4 | 0.0 | 0.0 | 0.0 | 0.7 |
| 7 | 411 | Geneva St | 6.0 | 0.0 | 46.7 | 0.0 | 0.0 | 0.0 | 0.3 |
| 8 | 269 | Mary Dr | 3.7 | 0.0 | 50.0 | 0.0 | 0.0 | 0.0 | 0.7 |
| 9 | 369 | Virginia St | 4.7 | 0.0 | 53.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 869 | Adell St | 11.7 | 0.0 | 50.8 | 0.0 | 0.0 | 0.0 | 2.0 |
| 11 | 413 | Huie St | 6.0 | 0.0 | 46.9 | 0.0 | 0.0 | 0.0 | 2.3 |
| 12 | 769 | Shady Oak Ln | 11.3 | 0.0 | 46.3 | 0.3 | 0.0 | 0.0 | 5.7 |
| 13 | 2431 | Silver Hills Dr | 38.7 | 0.3 | 42.9 | 3.7 | 1.7 | 7.0 | 14.3 |
| 14 | 1178 | Greystone Way | 55.7 | 0.7 | 14.4 | 37.7 | 17.0 | 41.7 | 53.0 |
| 15 | 1510 | Glynnwood Dr | 28.3 | 0.0 | 36.3 | 5.3 | 0.0 | 3.7 | 28.0 |
| 16 | 1183 | McQueen Smith Rd | 21.7 | 0.0 | 37.2 | 3.3 | 0.0 | 4.3 | 18.3 |
| 17 | 1090 | Unnamed Rd | 17.0 | 0.0 | 43.7 | 0.7 | 0.0 | 0.0 | 11.3 |
| 18 | 1693 | Cobbs Ford Ln | 24.3 | 0.0 | 47.4 | 0.0 | 0.0 | 0.0 | 3.0 |
| 19 | 1453 | Sugar Exchange | 24.0 | 0.3 | 41.3 | 2.7 | 0.0 | 2.7 | 14.7 |
| 20 | 1458 | Old Farm Ln / US-82 Bypass | 25.3 | 0.0 | 39.2 | 3.0 | 0.0 | 5.0 | 17.7 |
| 21 | 2969 | Bass Pro Blvd / Legends | 65.0 | 0.7 | 31.1 | 21.7 | 10.0 | 27.3 | 35.3 |
| 22 | 984 | Highland Ridge Dr | 15.3 | 0.0 | 43.8 | 0.3 | 0.0 | 1.0 | 6.3 |
| 23 | 1072 | I-65 SB Ramps | 14.0 | 0.0 | 52.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24 | 210 | I-65 | 3.0 | 0.0 | 47.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 22,888 | | 419.3 | 2.0 | 37.2 | 84.0 | 28.7 | 99.3 | 242.7 |

Stats based on 3 BEFORE runs.

Stops based on a Stop Speed of 5 MPH.

Total Delay based on a Normal Speed of 45 MPH.

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Study Name : **Main St OP EB Study**
 Study Date : **11/12/2013**
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Detailed Statistics By Run

Travel Time (sec) by Section

Main St OP-EB-001 t
 Main St OP-EB-002 t
 Main St OP-EB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|---------------|--------------|-------------------------|------------|------------|------------|
| 1 | 0 | Memorial Dr | | | |
| 2 | 697 | Chambliss St | 15 | 17 | 15 |
| 3 | 551 | Spencer St | 8 | 10 | 10 |
| 4 | 515 | Wingard St | 7 | 8 | 8 |
| 5 | 449 | Deramus St | 6 | 7 | 6 |
| 6 | 345 | Kerlin St | 4 | 5 | 5 |
| 7 | 411 | Geneva St | 6 | 6 | 6 |
| 8 | 269 | Mary Dr | 3 | 4 | 4 |
| 9 | 369 | Virginia St | 5 | 5 | 4 |
| 10 | 869 | Adell St | 10 | 13 | 12 |
| 11 | 413 | Huie St | 5 | 7 | 6 |
| 12 | 769 | Shady Oak Ln | 10 | 13 | 11 |
| 13 | 2431 | Silver Hills Dr | 47 | 38 | 31 |
| 14 | 1178 | Greystone Way | 54 | 89 | 24 |
| 15 | 1510 | Glynnwood Dr | 27 | 31 | 27 |
| 16 | 1183 | McQueen Smith Rd | 22 | 25 | 18 |
| 17 | 1090 | Unnamed Rd | 17 | 19 | 15 |
| 18 | 1693 | Cobbs Ford Ln | 24 | 25 | 24 |
| 19 | 1453 | Sugar Exchange | 29 | 23 | 20 |
| 20 | 1458 | Old Farm Ln / US-82 | 24 | 24 | 28 |
| 21 | 2969 | Bass Pro Blvd / Legends | 79 | 40 | 76 |
| 22 | 984 | Highland Ridge Dr | 17 | 13 | 16 |
| 23 | 1072 | I-65 SB Ramps | 15 | 14 | 13 |
| 24 | 210 | I-65 | 3 | 3 | 3 |
| Totals | 22888 | | 437 | 439 | 382 |

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Study Name : **Main St OP EB Study**
 Study Date : **11/12/2013**
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Detailed Statistics By Run

Average Speed (MPH) by Section

Main St OP-EB-001 t
 Main St OP-EB-002 t
 Main St OP-EB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|---------------|--------------|-------------------------|-------------|-------------|-------------|
| 1 | 0 | Memorial Dr | | | |
| 2 | 697 | Chambliss St | 34.4 | 29.4 | 31.6 |
| 3 | 551 | Spencer St | 46.5 | 37.0 | 39.6 |
| 4 | 515 | Wingard St | 49.4 | 43.4 | 45.9 |
| 5 | 449 | Deramus St | 50.5 | 43.9 | 46.8 |
| 6 | 345 | Kerlin St | 52.5 | 46.0 | 48.0 |
| 7 | 411 | Geneva St | 52.7 | 47.5 | 49.7 |
| 8 | 269 | Mary Dr | 52.0 | 45.3 | 49.5 |
| 9 | 369 | Virginia St | 56.8 | 49.2 | 52.0 |
| 10 | 869 | Adell St | 56.1 | 46.5 | 50.8 |
| 11 | 413 | Huie St | 57.0 | 40.3 | 46.5 |
| 12 | 769 | Shady Oak Ln | 56.7 | 40.1 | 45.9 |
| 13 | 2431 | Silver Hills Dr | 34.6 | 43.8 | 53.9 |
| 14 | 1178 | Greystone Way | 14.9 | 8.9 | 33.0 |
| 15 | 1510 | Glynnwood Dr | 37.8 | 33.4 | 38.9 |
| 16 | 1183 | McQueen Smith Rd | 37.4 | 32.6 | 45.2 |
| 17 | 1090 | Unnamed Rd | 44.1 | 38.8 | 48.6 |
| 18 | 1693 | Cobbs Ford Ln | 47.5 | 45.8 | 49.2 |
| 19 | 1453 | Sugar Exchange | 33.4 | 43.1 | 49.1 |
| 20 | 1458 | Old Farm Ln / US-82 | 42.4 | 41.5 | 34.4 |
| 21 | 2969 | Bass Pro Blvd / Legends | 25.4 | 50.4 | 26.7 |
| 22 | 984 | Highland Ridge Dr | 40.9 | 51.3 | 44.0 |
| 23 | 1072 | I-65 SB Ramps | 47.1 | 52.5 | 53.8 |
| 24 | 210 | I-65 | 46.0 | 49.0 | 52.3 |
| Totals | 22888 | | 35.7 | 35.6 | 40.9 |

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Detailed Statistics By Run

Total Delay (sec) by Section

Main St OP-EB-001 t
Main St OP-EB-002 t
Main St OP-EB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|--------|--------|-------------------------|--------|--------|--------|
| 1 | 0 | Memorial Dr | | | |
| 2 | 697 | Chambliss St | 4 | 6 | 4 |
| 3 | 551 | Spencer St | 0 | 1 | 1 |
| 4 | 515 | Wingard St | 0 | 0 | 0 |
| 5 | 449 | Deramus St | 0 | 0 | 0 |
| 6 | 345 | Kerlin St | 0 | 0 | 0 |
| 7 | 411 | Geneva St | 0 | 0 | 0 |
| 8 | 269 | Mary Dr | 0 | 0 | 0 |
| 9 | 369 | Virginia St | 0 | 0 | 0 |
| 10 | 869 | Adell St | 0 | 0 | 0 |
| 11 | 413 | Huie St | 0 | 0 | 0 |
| 12 | 769 | Shady Oak Ln | 0 | 1 | 0 |
| 13 | 2431 | Silver Hills Dr | 10 | 1 | 0 |
| 14 | 1178 | Greystone Way | 36 | 71 | 6 |
| 15 | 1510 | Glynnwood Dr | 4 | 8 | 4 |
| 16 | 1183 | McQueen Smith Rd | 3 | 7 | 0 |
| 17 | 1090 | Unnamed Rd | 0 | 2 | 0 |
| 18 | 1693 | Cobbs Ford Ln | 0 | 0 | 0 |
| 19 | 1453 | Sugar Exchange | 7 | 1 | 0 |
| 20 | 1458 | Old Farm Ln / US-82 | 1 | 2 | 6 |
| 21 | 2969 | Bass Pro Blvd / Legends | 34 | 0 | 31 |
| 22 | 984 | Highland Ridge Dr | 1 | 0 | 0 |
| 23 | 1072 | I-65 SB Ramps | 0 | 0 | 0 |
| 24 | 210 | I-65 | 0 | 0 | 0 |
| Totals | 22888 | | 100 | 100 | 52 |

Total Delay based on a Normal Speed of 45 MPH.

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Study Name : **Main St OP EB Study**
 Study Date : **11/12/2013**
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Detailed Statistics By Run

Time <= 0 MPH by Section

Main St OP-EB-001 t
 Main St OP-EB-002 t
 Main St OP-EB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|---------------|--------------|-------------------------|-----------|-----------|-----------|
| 1 | 0 | Memorial Dr | | | |
| 2 | 697 | Chambliss St | 0 | 0 | 0 |
| 3 | 551 | Spencer St | 0 | 0 | 0 |
| 4 | 515 | Wingard St | 0 | 0 | 0 |
| 5 | 449 | Deramus St | 0 | 0 | 0 |
| 6 | 345 | Kerlin St | 0 | 0 | 0 |
| 7 | 411 | Geneva St | 0 | 0 | 0 |
| 8 | 269 | Mary Dr | 0 | 0 | 0 |
| 9 | 369 | Virginia St | 0 | 0 | 0 |
| 10 | 869 | Adell St | 0 | 0 | 0 |
| 11 | 413 | Huie St | 0 | 0 | 0 |
| 12 | 769 | Shady Oak Ln | 0 | 0 | 0 |
| 13 | 2431 | Silver Hills Dr | 5 | 0 | 0 |
| 14 | 1178 | Greystone Way | 5 | 46 | 0 |
| 15 | 1510 | Glynnwood Dr | 0 | 0 | 0 |
| 16 | 1183 | McQueen Smith Rd | 0 | 0 | 0 |
| 17 | 1090 | Unnamed Rd | 0 | 0 | 0 |
| 18 | 1693 | Cobbs Ford Ln | 0 | 0 | 0 |
| 19 | 1453 | Sugar Exchange | 0 | 0 | 0 |
| 20 | 1458 | Old Farm Ln / US-82 | 0 | 0 | 0 |
| 21 | 2969 | Bass Pro Blvd / Legends | 17 | 0 | 13 |
| 22 | 984 | Highland Ridge Dr | 0 | 0 | 0 |
| 23 | 1072 | I-65 SB Ramps | 0 | 0 | 0 |
| 24 | 210 | I-65 | 0 | 0 | 0 |
| Totals | 22888 | | 27 | 46 | 13 |

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Detailed Statistics By Run

Time <= 30 MPH by Section

Main St OP-EB-001 t
Main St OP-EB-002 t
Main St OP-EB-003 t

| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|---------------|--------------|-------------------------|------------|------------|-----------|
| 1 | 0 | Memorial Dr | | | |
| 2 | 697 | Chambliss St | 4 | 12 | 4 |
| 3 | 551 | Spencer St | 0 | 0 | 0 |
| 4 | 515 | Wingard St | 0 | 0 | 0 |
| 5 | 449 | Deramus St | 0 | 0 | 0 |
| 6 | 345 | Kerlin St | 0 | 0 | 0 |
| 7 | 411 | Geneva St | 0 | 0 | 0 |
| 8 | 269 | Mary Dr | 0 | 0 | 0 |
| 9 | 369 | Virginia St | 0 | 0 | 0 |
| 10 | 869 | Adell St | 0 | 0 | 0 |
| 11 | 413 | Huie St | 0 | 0 | 0 |
| 12 | 769 | Shady Oak Ln | 0 | 0 | 0 |
| 13 | 2431 | Silver Hills Dr | 21 | 0 | 0 |
| 14 | 1178 | Greystone Way | 41 | 74 | 10 |
| 15 | 1510 | Glynnwood Dr | 1 | 8 | 2 |
| 16 | 1183 | McQueen Smith Rd | 4 | 9 | 0 |
| 17 | 1090 | Unnamed Rd | 0 | 0 | 0 |
| 18 | 1693 | Cobbs Ford Ln | 0 | 0 | 0 |
| 19 | 1453 | Sugar Exchange | 8 | 0 | 0 |
| 20 | 1458 | Old Farm Ln / US-82 | 3 | 0 | 12 |
| 21 | 2969 | Bass Pro Blvd / Legends | 46 | 0 | 36 |
| 22 | 984 | Highland Ridge Dr | 3 | 0 | 0 |
| 23 | 1072 | I-65 SB Ramps | 0 | 0 | 0 |
| 24 | 210 | I-65 | 0 | 0 | 0 |
| Totals | 22888 | | 131 | 103 | 64 |

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 Study Date : **11/12/2013**
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Detailed Statistics By Run

Time <= 45 MPH by Section

Main St OP-EB-001 t
Main St OP-EB-002 t
Main St OP-EB-003 t

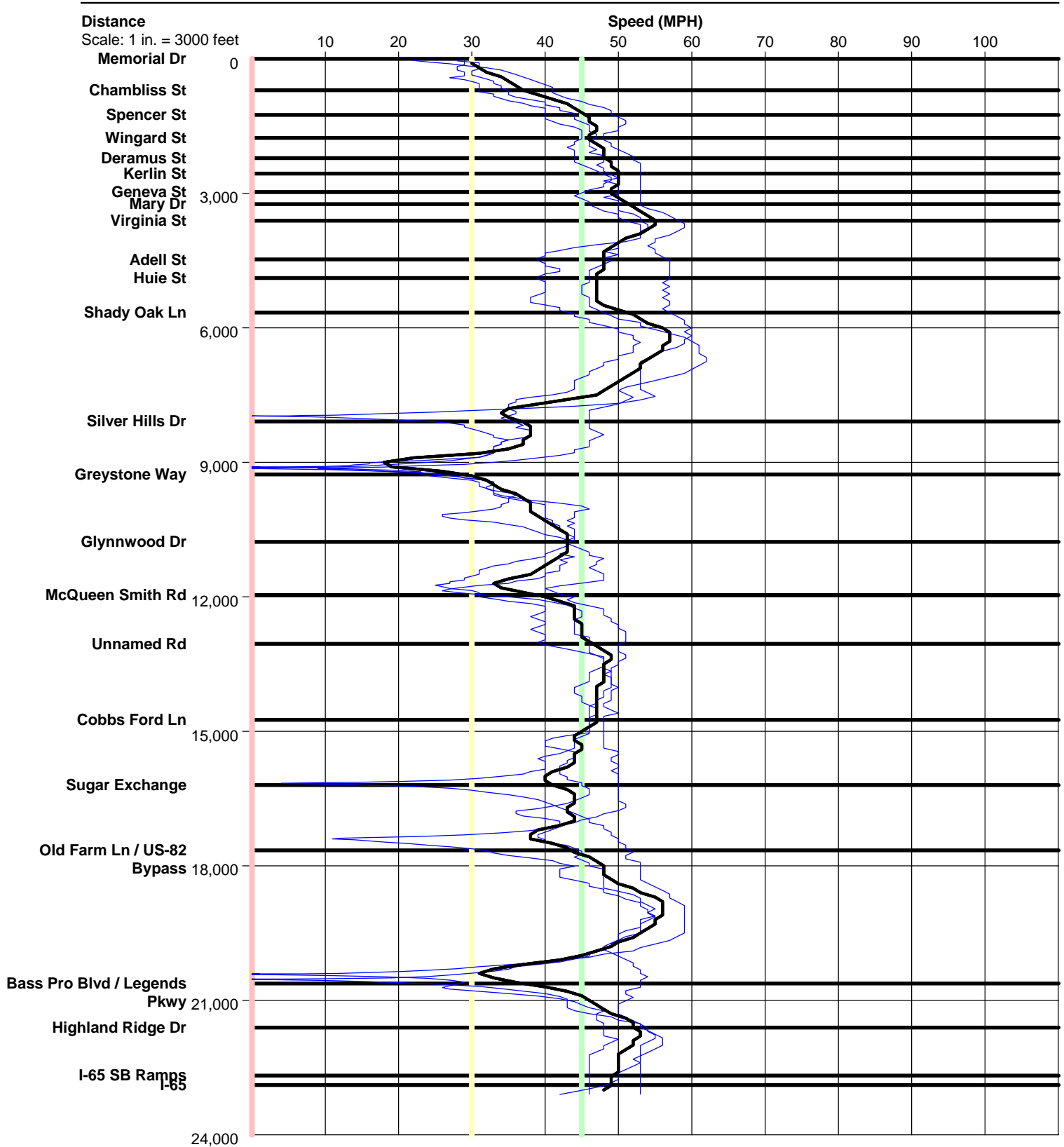
| Node # | Length | Node Name | Run #1 | Run #2 | Run #3 |
|---------------|--------------|-------------------------|------------|------------|------------|
| 1 | 0 | Memorial Dr | | | |
| 2 | 697 | Chambliss St | 15 | 17 | 15 |
| 3 | 551 | Spencer St | 3 | 10 | 10 |
| 4 | 515 | Wingard St | 0 | 8 | 2 |
| 5 | 449 | Deramus St | 0 | 7 | 0 |
| 6 | 345 | Kerlin St | 0 | 2 | 0 |
| 7 | 411 | Geneva St | 0 | 1 | 0 |
| 8 | 269 | Mary Dr | 0 | 2 | 0 |
| 9 | 369 | Virginia St | 0 | 0 | 0 |
| 10 | 869 | Adell St | 0 | 6 | 0 |
| 11 | 413 | Huie St | 0 | 7 | 0 |
| 12 | 769 | Shady Oak Ln | 0 | 13 | 4 |
| 13 | 2431 | Silver Hills Dr | 23 | 20 | 0 |
| 14 | 1178 | Greystone Way | 54 | 89 | 16 |
| 15 | 1510 | Glynnwood Dr | 27 | 31 | 26 |
| 16 | 1183 | McQueen Smith Rd | 22 | 25 | 8 |
| 17 | 1090 | Unnamed Rd | 13 | 19 | 2 |
| 18 | 1693 | Cobbs Ford Ln | 0 | 9 | 0 |
| 19 | 1453 | Sugar Exchange | 25 | 19 | 0 |
| 20 | 1458 | Old Farm Ln / US-82 | 13 | 21 | 19 |
| 21 | 2969 | Bass Pro Blvd / Legends | 50 | 3 | 53 |
| 22 | 984 | Highland Ridge Dr | 9 | 0 | 10 |
| 23 | 1072 | I-65 SB Ramps | 0 | 0 | 0 |
| 24 | 210 | I-65 | 0 | 0 | 0 |
| Totals | 22888 | | 254 | 309 | 165 |

Congestion Management Plan Update

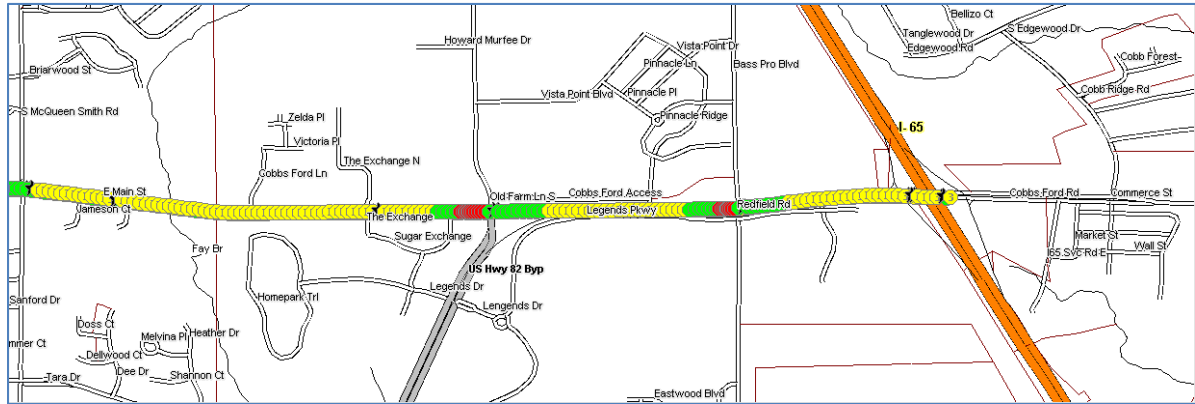
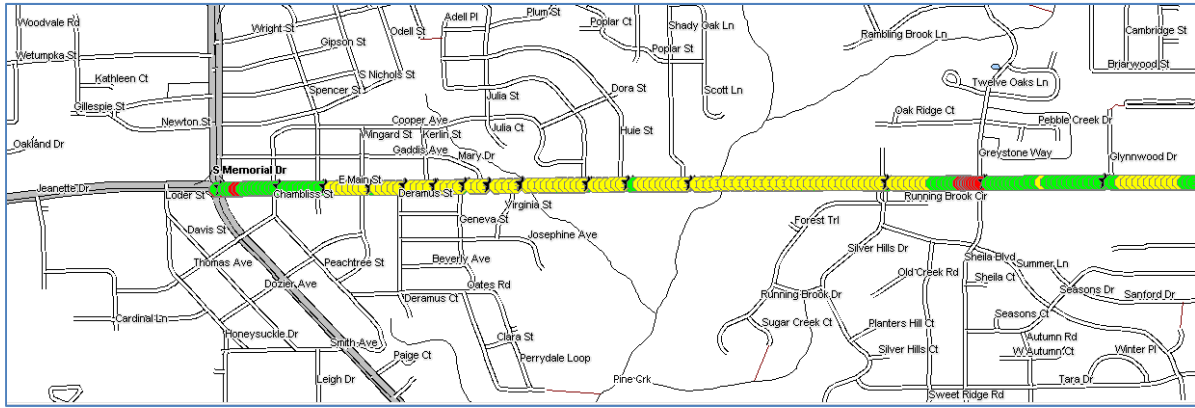
Montgomery MPO

Study Name : **Main St OP EB Study**
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Speed/Distance Profiles of All Runs



Main St OP EB



| Color Code Speeds | | | | |
|---|----|----|----|--|
| ■ Speed 1 | 0 | To | 30 | |
| ■ Speed 2 | 30 | To | 45 | |
| ■ Speed 3 | 45 | To | 99 | |