

**Congestion Management Plan Update**  
Montgomery MPO

---

***PC-Travel Reports for study: Bell Rd PM NB 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 <= 25 MPH .....	8
Detailed Statistics By Run - Time <= 40 MPH .....	9
Speed/Distance Profiles of All Runs .....	10

# Congestion Management Plan Update Montgomery MPO

Study Name : **Bell Rd PM NB Study**  
 Study Date : **12/10/2013**  
 Page No. : **2**

## Study Summary

### *Runs Used in This Study*

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Bell Rd PM-NB-001 t	12/10/13	16:00	16110	Before	Secondary
Bell Rd PM-NB-002 t	12/10/13	16:16	16151	Before	Secondary
Bell Rd PM-NB-003 t	12/10/13	16:40	16121	Before	Secondary

### **Notes:**

### *Node Info*

#	Len	Name
1	0	Vaughn Rd
2	906	Old Leeds Rd
3	464	Greenbrook Dr
4	884	Cherry Wood Trail
5	338	Old Creek Rd
6	933	Eastwood Glen Pl
7	860	Thach Rd
8	1282	Beauvoir Lake Dr /
9	845	Unnamed Rd
10	1411	Halcyon Dr
11	471	I-85
12	1418	Hunters Grove
13	681	Henley Way
14	367	Monticello Dr /
15	613	Oliver Dr
16	1957	Bell Grove Pl
17	106	Tiffany Ln
18	210	Bell Road Ct
19	987	Bent Creek Dr
20	160	Bell Road Manor
21	266	Bell Gables Rd
22	953	Atlanta Hwy

Length of Study Route = 16,112 feet

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd PM NB Study**

Study Date : **12/10/2013**

Page No. : **3**

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 25 MPH	Time <= 40 MPH
1	0	Vaughn Rd							
2	906	Old Leeds Rd	19.7	0.0	31.4	4.0	0.0	3.0	17.7
3	464	Greenbrook Dr	8.0	0.0	39.5	0.0	0.0	0.0	4.0
4	884	Cherry Wood Trail	15.3	0.0	39.3	0.7	0.0	0.7	9.3
5	338	Old Creek Rd	15.7	0.7	14.7	10.0	1.7	12.7	14.0
6	933	Eastwood Glen Pl	16.7	0.0	38.2	1.3	0.0	0.7	9.3
7	860	Thach Rd	13.7	0.0	42.9	0.0	0.0	0.0	4.3
8	1282	Beauvoir Lake Dr /	18.3	0.0	47.7	0.0	0.0	0.0	0.0
9	845	Unnamed Rd	12.7	0.0	45.5	0.0	0.0	0.0	1.0
10	1411	Halcyon Dr	23.0	0.0	41.8	0.3	0.0	0.0	11.7
11	471	I-85	8.0	0.0	40.1	0.0	0.0	0.0	3.0
12	1418	Hunters Grove	23.7	0.0	40.9	0.3	0.0	0.0	6.0
13	681	Henley Way	11.3	0.0	41.0	0.0	0.0	0.0	5.0
14	367	Monticello Dr / Monticello	6.3	0.0	39.5	0.0	0.0	0.0	3.0
15	613	Oliver Dr	9.3	0.0	44.8	0.0	0.0	0.0	0.0
16	1957	Bell Grove Pl	28.7	0.0	46.5	0.0	0.0	0.0	2.7
17	106	Tiffany Ln	1.3	0.0	54.2	0.0	0.0	0.0	0.0
18	210	Bell Road Ct	3.3	0.0	43.0	0.0	0.0	0.0	0.0
19	987	Bent Creek Dr	15.0	0.0	44.9	0.0	0.0	0.0	1.3
20	160	Bell Road Manor	2.0	0.0	54.5	0.0	0.0	0.0	0.7
21	266	Bell Gables Rd	4.7	0.0	38.9	0.0	0.0	0.0	1.7
22	953	Atlanta Hwy	53.3	1.0	12.2	37.0	5.3	43.7	51.7
<b>Total</b>	<b>16,112</b>		<b>310.0</b>	<b>1.7</b>	<b>35.4</b>	<b>53.7</b>	<b>7.0</b>	<b>60.7</b>	<b>146.3</b>

Stats based on 3 BEFORE runs.

Stops based on a Stop Speed of 5 MPH.

Total Delay based on a Normal Speed of 40 MPH.

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd PM NB Study**  
 Study Date : **12/10/2013**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

Bell Rd PM-NB-001 t  
 Bell Rd PM-NB-002 t  
 Bell Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	20	20	19
3	464	Greenbrook Dr	7	8	9
4	884	Cherry Wood Trail	14	15	17
5	338	Old Creek Rd	5	25	17
6	933	Eastwood Glen Pl	14	17	19
7	860	Thach Rd	12	13	16
8	1282	Beauvoir Lake Dr /	17	18	20
9	845	Unnamed Rd	12	12	14
10	1411	Halcyon Dr	19	26	24
11	471	I-85	7	9	8
12	1418	Hunters Grove	22	26	23
13	681	Henley Way	10	12	12
14	367	Monticello Dr / Monticello	6	6	7
15	613	Oliver Dr	9	9	10
16	1957	Bell Grove Pl	29	26	31
17	106	Tiffany Ln	1	1	2
18	210	Bell Road Ct	3	3	4
19	987	Bent Creek Dr	15	14	16
20	160	Bell Road Manor	2	2	2
21	266	Bell Gables Rd	4	5	5
22	953	Atlanta Hwy	60	66	34
<b>Totals</b>	<b>16112</b>		<b>288</b>	<b>333</b>	<b>309</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd PM NB Study**  
 Study Date : **12/10/2013**  
 Page No. : **5**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

*Bell Rd PM-NB-001 t*  
*Bell Rd PM-NB-002 t*  
*Bell Rd PM-NB-003 t*

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	32.6	32.5	32.6
3	464	Greenbrook Dr	43.9	40.0	39.4
4	884	Cherry Wood Trail	44.0	39.7	33.7
5	338	Old Creek Rd	41.4	8.8	13.7
6	933	Eastwood Glen Pl	46.2	36.8	34.3
7	860	Thach Rd	48.0	46.7	37.8
8	1282	Beauvoir Lake Dr /	50.5	49.5	42.1
9	845	Unnamed Rd	51.5	47.3	41.7
10	1411	Halcyon Dr	49.7	36.8	40.1
11	471	I-85	42.4	35.2	40.4
12	1418	Hunters Grove	45.1	37.4	42.7
13	681	Henley Way	45.6	39.5	37.0
14	367	Monticello Dr / Monticello	44.3	41.0	37.4
15	613	Oliver Dr	47.1	47.4	42.3
16	1957	Bell Grove Pl	45.8	51.7	42.5
17	106	Tiffany Ln	45.0	48.0	40.5
18	210	Bell Road Ct	45.3	47.0	43.3
19	987	Bent Creek Dr	47.1	47.6	41.6
20	160	Bell Road Manor	44.0	46.5	38.0
21	266	Bell Gables Rd	42.0	43.4	36.6
22	953	Atlanta Hwy	11.0	9.6	19.2
<b>Totals</b>	<b>16112</b>		<b>38.3</b>	<b>33.1</b>	<b>35.6</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd PM NB Study**  
 Study Date : **12/10/2013**  
 Page No. : **6**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

Bell Rd PM-NB-001 t  
 Bell Rd PM-NB-002 t  
 Bell Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	4	4	4
3	464	Greenbrook Dr	0	0	0
4	884	Cherry Wood Trail	0	0	2
5	338	Old Creek Rd	0	19	11
6	933	Eastwood Glen Pl	0	1	3
7	860	Thach Rd	0	0	0
8	1282	Beauvoir Lake Dr /	0	0	0
9	845	Unnamed Rd	0	0	0
10	1411	Halcyon Dr	0	1	0
11	471	I-85	0	0	0
12	1418	Hunters Grove	0	1	0
13	681	Henley Way	0	0	0
14	367	Monticello Dr / Monticello	0	0	0
15	613	Oliver Dr	0	0	0
16	1957	Bell Grove Pl	0	0	0
17	106	Tiffany Ln	0	0	0
18	210	Bell Road Ct	0	0	0
19	987	Bent Creek Dr	0	0	0
20	160	Bell Road Manor	0	0	0
21	266	Bell Gables Rd	0	0	0
22	953	Atlanta Hwy	43	50	18
<b>Totals</b>	<b>16112</b>		<b>47</b>	<b>76</b>	<b>38</b>

Total Delay based on a Normal Speed of 40 MPH.

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd PM NB Study**  
 Study Date : **12/10/2013**  
 Page No. : **7**

### Detailed Statistics By Run

#### Time <= 0 MPH by Section

*Bell Rd PM-NB-001 t*  
*Bell Rd PM-NB-002 t*  
*Bell Rd PM-NB-003 t*

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	0	0	0
3	464	Greenbrook Dr	0	0	0
4	884	Cherry Wood Trail	0	0	0
5	338	Old Creek Rd	0	5	0
6	933	Eastwood Glen Pl	0	0	0
7	860	Thach Rd	0	0	0
8	1282	Beauvoir Lake Dr /	0	0	0
9	845	Unnamed Rd	0	0	0
10	1411	Halcyon Dr	0	0	0
11	471	I-85	0	0	0
12	1418	Hunters Grove	0	0	0
13	681	Henley Way	0	0	0
14	367	Monticello Dr / Monticello	0	0	0
15	613	Oliver Dr	0	0	0
16	1957	Bell Grove Pl	0	0	0
17	106	Tiffany Ln	0	0	0
18	210	Bell Road Ct	0	0	0
19	987	Bent Creek Dr	0	0	0
20	160	Bell Road Manor	0	0	0
21	266	Bell Gables Rd	0	0	0
22	953	Atlanta Hwy	7	9	0
<b>Totals</b>	<b>16112</b>		<b>7</b>	<b>14</b>	<b>0</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd PM NB Study**  
 Study Date : **12/10/2013**  
 Page No. : **8**

### Detailed Statistics By Run

#### Time <= 25 MPH by Section

Bell Rd PM-NB-001 t  
 Bell Rd PM-NB-002 t  
 Bell Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	5	2	2
3	464	Greenbrook Dr	0	0	0
4	884	Cherry Wood Trail	0	0	2
5	338	Old Creek Rd	0	21	17
6	933	Eastwood Glen Pl	0	2	0
7	860	Thach Rd	0	0	0
8	1282	Beauvoir Lake Dr /	0	0	0
9	845	Unnamed Rd	0	0	0
10	1411	Halcyon Dr	0	0	0
11	471	I-85	0	0	0
12	1418	Hunters Grove	0	0	0
13	681	Henley Way	0	0	0
14	367	Monticello Dr / Monticello	0	0	0
15	613	Oliver Dr	0	0	0
16	1957	Bell Grove Pl	0	0	0
17	106	Tiffany Ln	0	0	0
18	210	Bell Road Ct	0	0	0
19	987	Bent Creek Dr	0	0	0
20	160	Bell Road Manor	0	0	0
21	266	Bell Gables Rd	0	0	0
22	953	Atlanta Hwy	50	57	24
<b>Totals</b>	<b>16112</b>		<b>55</b>	<b>82</b>	<b>45</b>



# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd PM NB Study**  
 Study Date : **12/10/2013**  
 Page No. : **9**

### Detailed Statistics By Run

#### Time <= 40 MPH by Section

Bell Rd PM-NB-001 t  
 Bell Rd PM-NB-002 t  
 Bell Rd PM-NB-003 t

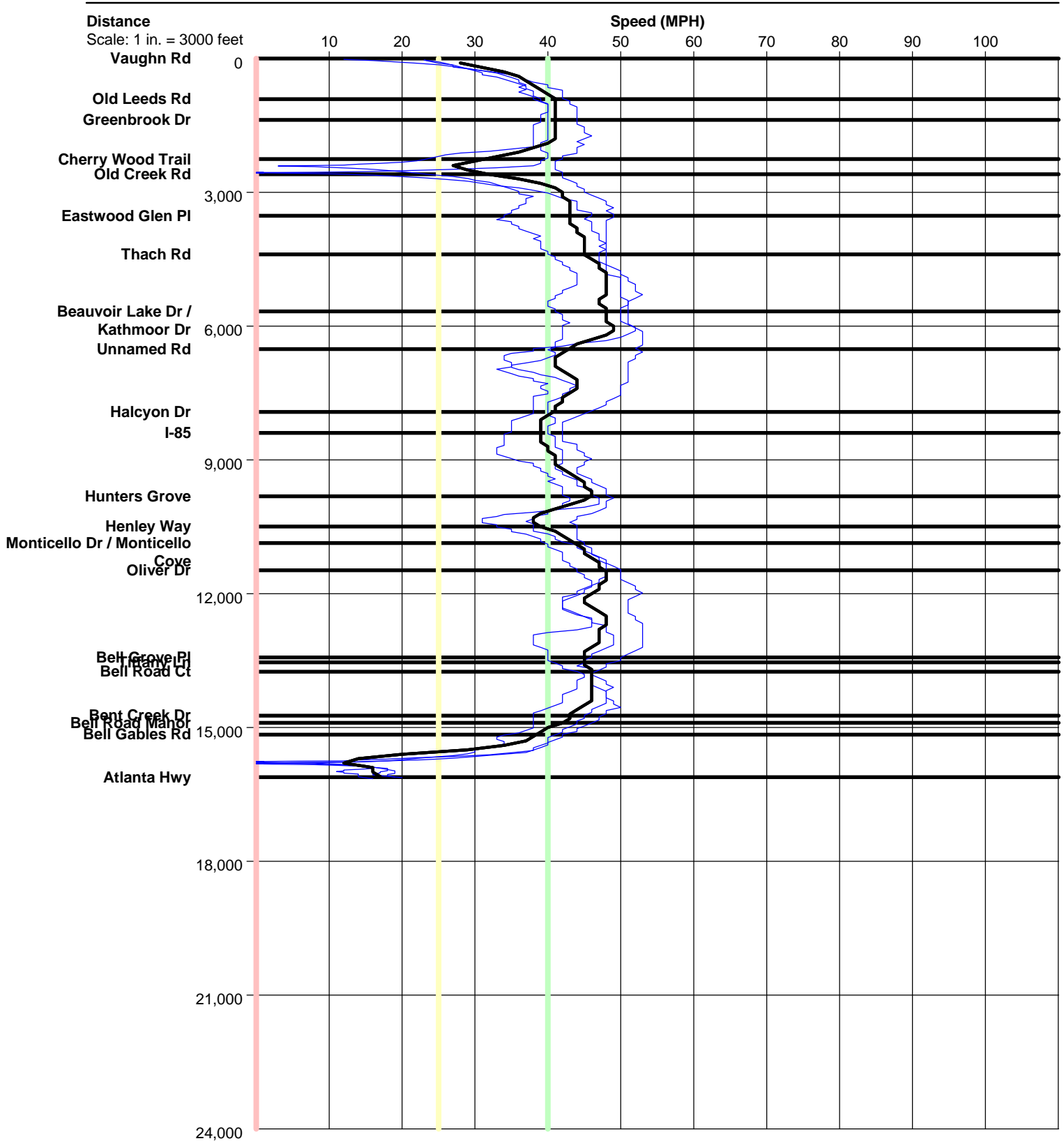
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	14	20	19
3	464	Greenbrook Dr	0	3	9
4	884	Cherry Wood Trail	0	11	17
5	338	Old Creek Rd	0	25	17
6	933	Eastwood Glen Pl	0	9	19
7	860	Thach Rd	0	0	13
8	1282	Beauvoir Lake Dr /	0	0	0
9	845	Unnamed Rd	0	2	1
10	1411	Halcyon Dr	0	26	9
11	471	I-85	0	9	0
12	1418	Hunters Grove	0	18	0
13	681	Henley Way	0	7	8
14	367	Monticello Dr / Monticello	0	2	7
15	613	Oliver Dr	0	0	0
16	1957	Bell Grove Pl	0	0	8
17	106	Tiffany Ln	0	0	0
18	210	Bell Road Ct	0	0	0
19	987	Bent Creek Dr	0	0	4
20	160	Bell Road Manor	0	0	2
21	266	Bell Gables Rd	0	0	5
22	953	Atlanta Hwy	57	64	34
<b>Totals</b>	<b>16112</b>		<b>71</b>	<b>196</b>	<b>172</b>

# Congestion Management Plan Update

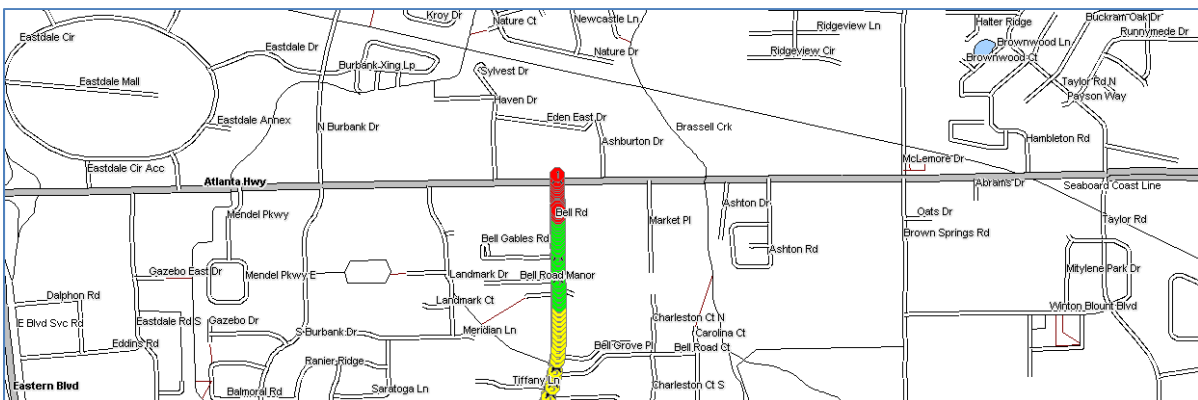
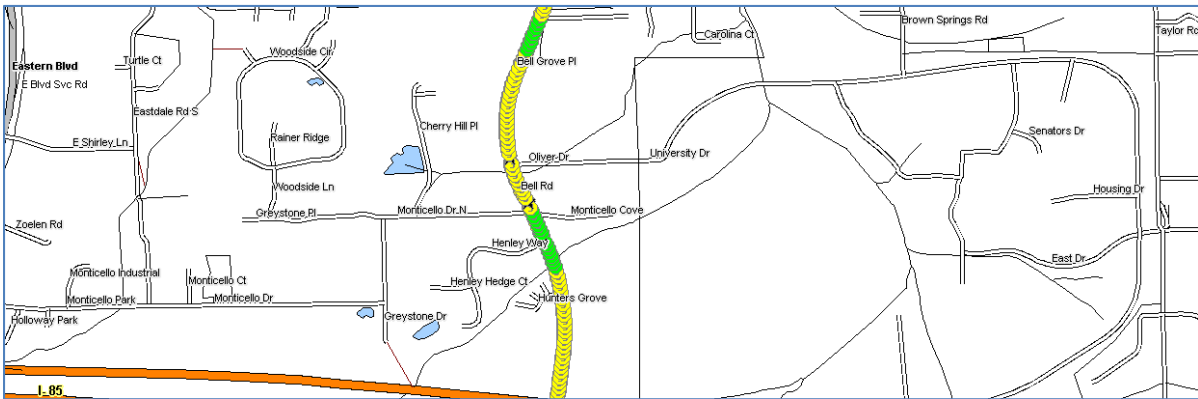
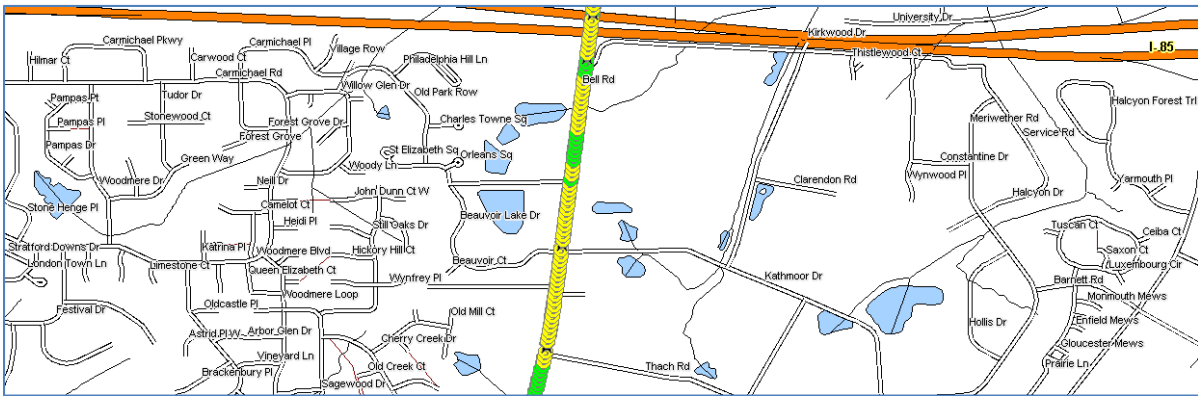
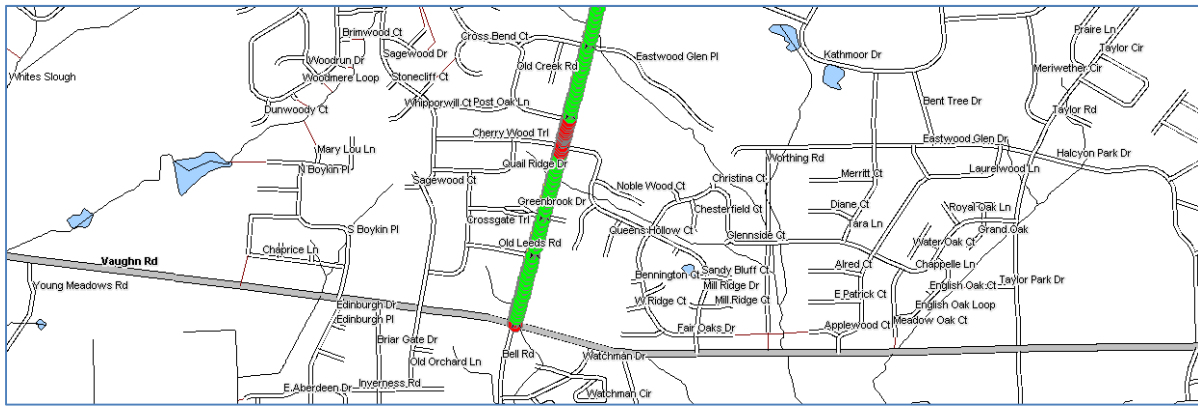
## Montgomery MPO

Study Name : **Bell Rd PM NB Study**  
 Study Date : **12/10/2013**  
 Page No. : **10**

### Speed/Distance Profiles of All Runs



# Bell Rd PM NB



Color Code Speeds

Speed 1	0	To	25
Speed 2	25	To	40
Speed 3	40	To	99