

**Congestion Management Plan Update**  
Montgomery MPO

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***PC-Travel Reports for study: Bell Rd OP NB Study***

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# Congestion Management Plan Update Montgomery MPO

Study Name : **Bell Rd OP NB Study**

Study Date : **10/30/2013**

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## Study Summary

### Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/After	Run Type
Bell Rd OP-NB-001 t	10/30/13	09:42	16128	Before	Secondary
Bell Rd OP-NB-002 t	10/30/13	10:04	16112	Before	Secondary
Bell Rd OP-NB-003 t	10/30/13	10:21	16144	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 OP NB Study**  
 Study Date : **10/30/2013**  
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### 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	21.0	0.0	29.4	5.3	0.0	2.0	21.0
3	464	Greenbrook Dr	9.3	0.0	33.9	1.3	0.0	0.0	8.7
4	884	Cherry Wood Trail	15.3	0.0	39.3	0.7	0.0	0.3	8.3
5	338	Old Creek Rd	12.3	0.3	18.7	6.3	2.0	8.3	10.3
6	933	Eastwood Glen Pl	16.3	0.0	38.9	1.0	0.0	0.0	6.7
7	860	Thach Rd	14.0	0.0	41.9	0.0	0.0	0.0	5.7
8	1282	Beauvoir Lake Dr /	20.0	0.0	43.7	0.3	0.0	1.7	3.7
9	845	Unnamed Rd	13.7	0.0	42.2	0.3	0.0	0.3	3.3
10	1411	Halcyon Dr	21.0	0.0	45.8	0.0	0.0	0.0	0.7
11	471	I-85	8.0	0.0	40.1	0.3	0.0	0.0	3.3
12	1418	Hunters Grove	21.7	0.0	44.6	0.0	0.0	0.0	2.7
13	681	Henley Way	10.3	0.0	44.9	0.0	0.0	0.0	0.7
14	367	Monticello Dr / Monticello	6.7	0.0	37.5	0.0	0.0	0.0	4.7
15	613	Oliver Dr	10.3	0.0	40.4	0.0	0.0	0.0	2.3
16	1957	Bell Grove Pl	31.3	0.0	42.6	0.0	0.0	0.0	2.3
17	106	Tiffany Ln	2.0	0.0	36.1	0.0	0.0	0.0	1.3
18	210	Bell Road Ct	4.0	0.0	35.8	0.0	0.0	0.0	3.7
19	987	Bent Creek Dr	16.7	0.0	40.4	0.0	0.0	0.0	9.0
20	160	Bell Road Manor	3.0	0.0	36.4	0.0	0.0	0.0	3.0
21	266	Bell Gables Rd	5.0	0.0	36.3	0.0	0.0	0.0	5.0
22	953	Atlanta Hwy	78.0	0.7	8.3	61.3	37.3	61.7	78.0
<b>Total</b>	<b>16,112</b>		<b>340.0</b>	<b>1.0</b>	<b>32.3</b>	<b>77.0</b>	<b>39.3</b>	<b>74.3</b>	<b>184.3</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 OP NB Study**  
 Study Date : **10/30/2013**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	23	20	20
3	464	Greenbrook Dr	11	9	8
4	884	Cherry Wood Trail	17	15	14
5	338	Old Creek Rd	25	6	6
6	933	Eastwood Glen Pl	19	15	15
7	860	Thach Rd	15	13	14
8	1282	Beauvoir Lake Dr /	23	18	19
9	845	Unnamed Rd	16	12	13
10	1411	Halcyon Dr	22	20	21
11	471	I-85	7	7	10
12	1418	Hunters Grove	21	21	23
13	681	Henley Way	10	10	11
14	367	Monticello Dr / Monticello	7	6	7
15	613	Oliver Dr	10	10	11
16	1957	Bell Grove Pl	30	32	32
17	106	Tiffany Ln	2	2	2
18	210	Bell Road Ct	4	4	4
19	987	Bent Creek Dr	16	17	17
20	160	Bell Road Manor	3	3	3
21	266	Bell Gables Rd	5	5	5
22	953	Atlanta Hwy	83	129	22
Totals	16112		369	374	277

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd OP NB Study**  
 Study Date : **10/30/2013**  
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### Detailed Statistics By Run

#### Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	27.2	30.8	32.5
3	464	Greenbrook Dr	29.5	35.1	39.8
4	884	Cherry Wood Trail	35.3	40.3	41.1
5	338	Old Creek Rd	9.2	38.3	40.5
6	933	Eastwood Glen Pl	33.7	42.5	43.9
7	860	Thach Rd	40.2	44.9	39.8
8	1282	Beauvoir Lake Dr /	36.8	48.4	45.7
9	845	Unnamed Rd	36.4	47.8	47.1
10	1411	Halcyon Dr	45.0	48.1	44.1
11	471	I-85	44.7	45.9	34.4
12	1418	Hunters Grove	45.7	46.1	41.0
13	681	Henley Way	45.3	46.3	42.3
14	367	Monticello Dr / Monticello	38.3	41.8	37.7
15	613	Oliver Dr	41.0	41.7	39.8
16	1957	Bell Grove Pl	43.9	41.7	41.5
17	106	Tiffany Ln	42.0	36.0	38.0
18	210	Bell Road Ct	39.8	35.5	36.8
19	987	Bent Creek Dr	41.3	39.6	38.4
20	160	Bell Road Manor	37.7	36.3	35.7
21	266	Bell Gables Rd	36.8	36.2	34.4
22	953	Atlanta Hwy	7.8	5.1	30.5
<b>Totals</b>	<b>16112</b>		<b>29.8</b>	<b>29.4</b>	<b>39.8</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd OP NB Study**  
 Study Date : **10/30/2013**  
 Page No. : **6**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	7	5	4
3	464	Greenbrook Dr	3	1	0
4	884	Cherry Wood Trail	2	0	0
5	338	Old Creek Rd	19	0	0
6	933	Eastwood Glen Pl	3	0	0
7	860	Thach Rd	0	0	0
8	1282	Beauvoir Lake Dr /	1	0	0
9	845	Unnamed Rd	1	0	0
10	1411	Halcyon Dr	0	0	0
11	471	I-85	0	0	1
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	66	113	5
Totals	16112		102	119	10

Total Delay based on a Normal Speed of 40 MPH.

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd OP NB Study**  
 Study Date : **10/30/2013**  
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### Detailed Statistics By Run

#### Time <= 0 MPH by Section

Bell Rd OP-NB-001 t  
 Bell Rd OP-NB-002 t  
 Bell Rd OP-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	6	0	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	34	78	0
<b>Totals</b>	<b>16112</b>		<b>40</b>	<b>78</b>	<b>0</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd OP NB Study**  
 Study Date : **10/30/2013**  
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### Detailed Statistics By Run

#### Time <= 25 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	0	4	2
3	464	Greenbrook Dr	0	0	0
4	884	Cherry Wood Trail	1	0	0
5	338	Old Creek Rd	25	0	0
6	933	Eastwood Glen Pl	0	0	0
7	860	Thach Rd	0	0	0
8	1282	Beauvoir Lake Dr /	5	0	0
9	845	Unnamed Rd	1	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	68	116	1
<b>Totals</b>	<b>16112</b>		<b>100</b>	<b>120</b>	<b>3</b>



# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Bell Rd OP NB Study**  
 Study Date : **10/30/2013**  
 Page No. : **9**

### Detailed Statistics By Run

#### Time <= 40 MPH by Section

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

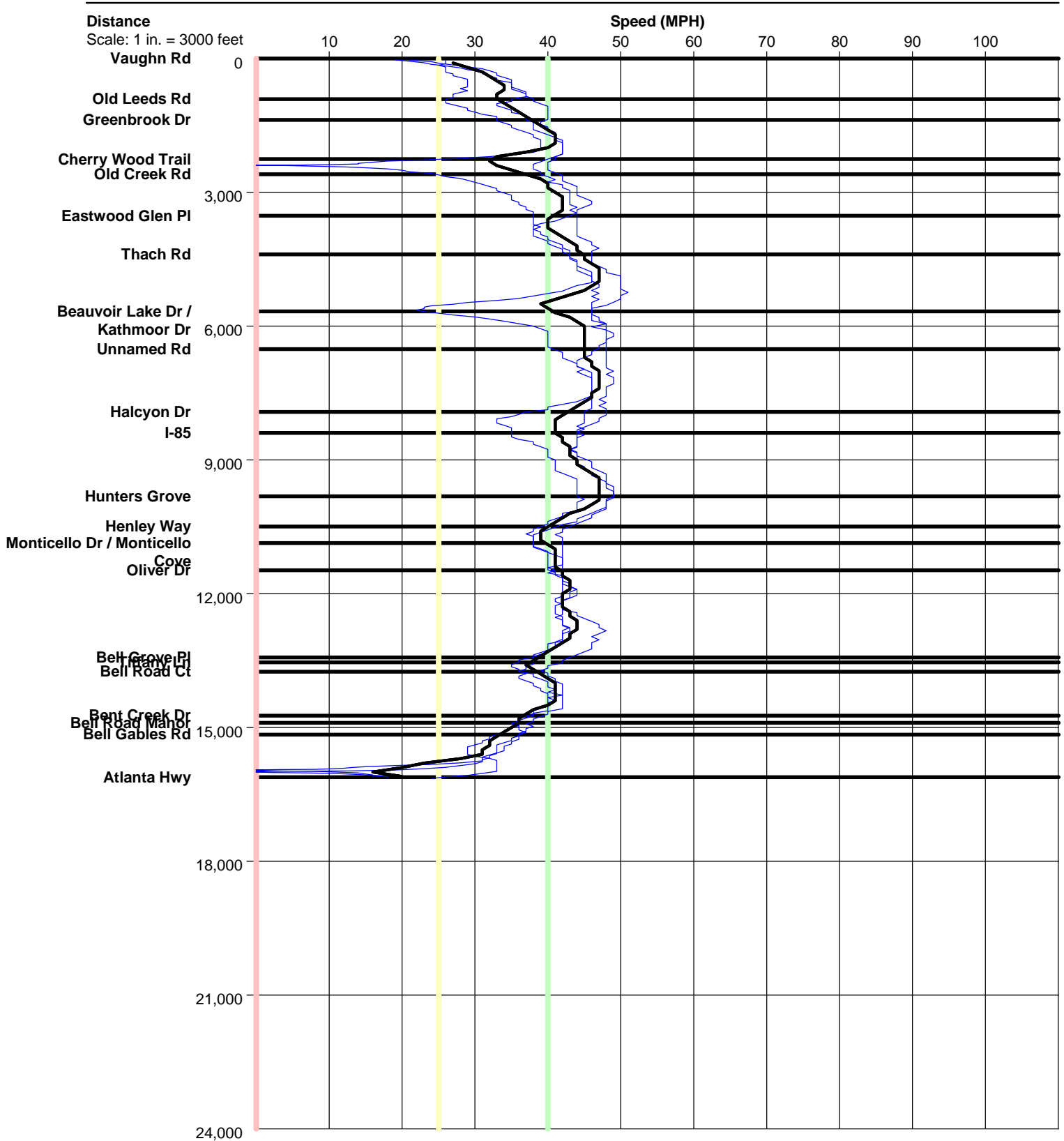
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	906	Old Leeds Rd	23	20	20
3	464	Greenbrook Dr	11	9	6
4	884	Cherry Wood Trail	17	6	2
5	338	Old Creek Rd	25	6	0
6	933	Eastwood Glen Pl	19	1	0
7	860	Thach Rd	9	0	8
8	1282	Beauvoir Lake Dr /	11	0	0
9	845	Unnamed Rd	10	0	0
10	1411	Halcyon Dr	0	0	2
11	471	I-85	0	0	10
12	1418	Hunters Grove	0	0	8
13	681	Henley Way	0	0	2
14	367	Monticello Dr / Monticello	7	0	7
15	613	Oliver Dr	3	0	4
16	1957	Bell Grove Pl	0	3	4
17	106	Tiffany Ln	0	2	2
18	210	Bell Road Ct	3	4	4
19	987	Bent Creek Dr	2	8	17
20	160	Bell Road Manor	3	3	3
21	266	Bell Gables Rd	5	5	5
22	953	Atlanta Hwy	83	129	22
<b>Totals</b>	<b>16112</b>		<b>231</b>	<b>196</b>	<b>126</b>

# Congestion Management Plan Update

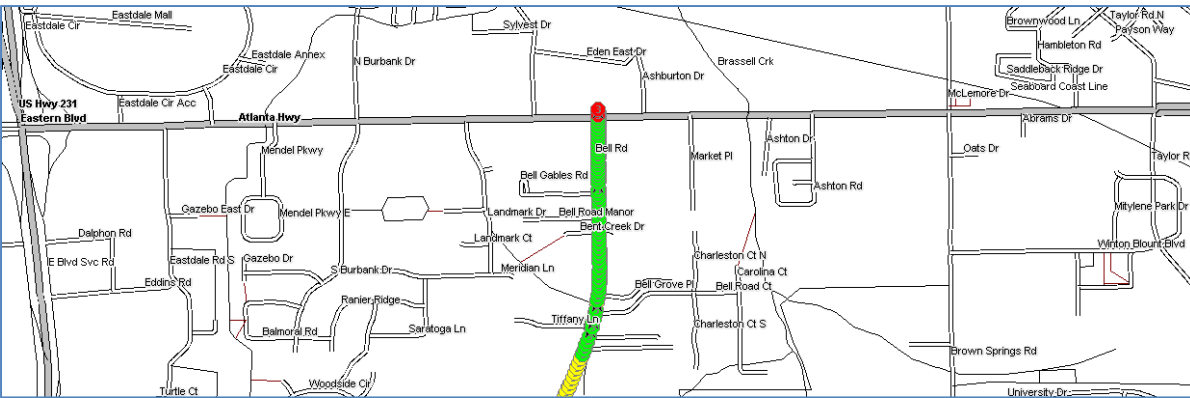
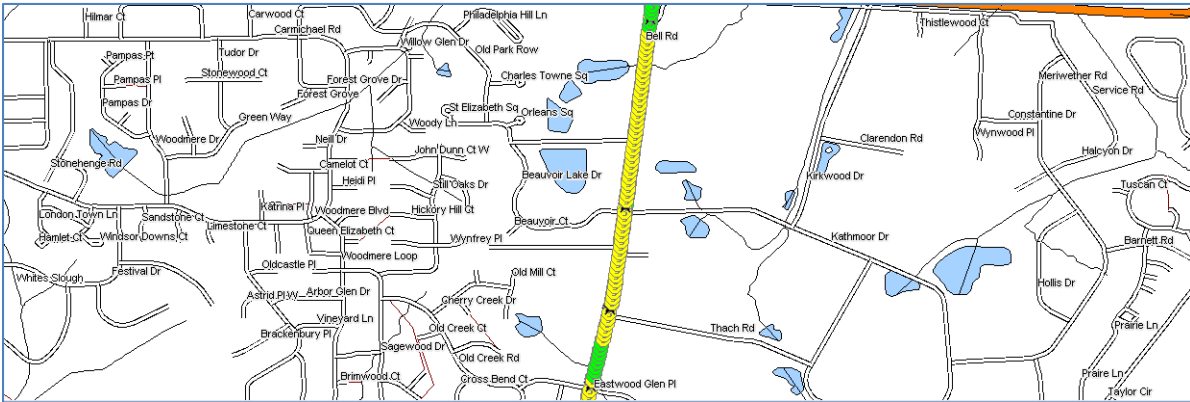
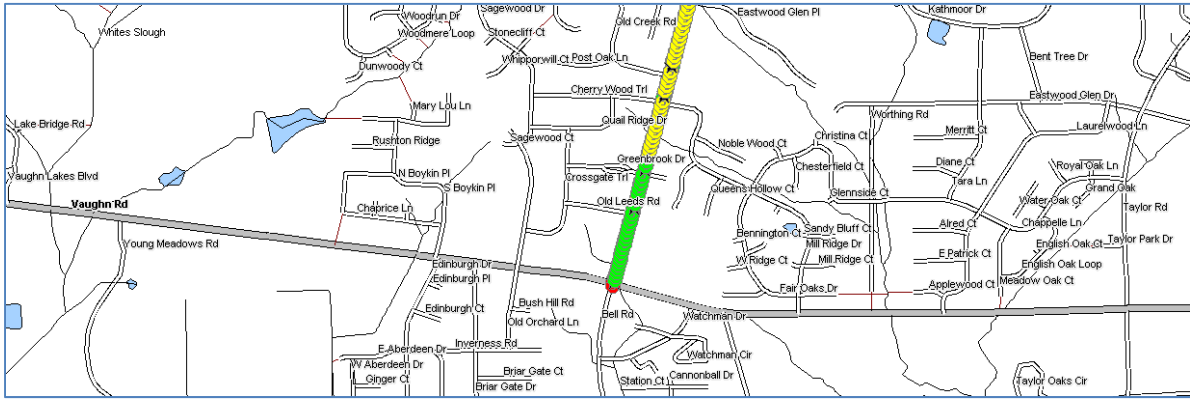
## Montgomery MPO

Study Name : Bell Rd OP NB Study  
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### Speed/Distance Profiles of All Runs



# Bell Rd OP NB



Color Code Speeds

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