

**Congestion Management Plan Update**  
Montgomery MPO

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***PC-Travel Reports for study: S Perry Hill Rd PM NB Study***

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# Congestion Management Plan Update

Montgomery MPO

Study Name : **S Perry Hill Rd PM NB Study**

Study Date : **1/21/2014**

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## Study Summary

### *Runs Used in This Study*

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
S Perry Hill Rd PM-NB-001 t	01/21/14	16:00	3149	Before	Secondary
S Perry Hill Rd PM-NB-002 t	01/21/14	16:11	3146	Before	Secondary
S Perry Hill Rd PM-NB-003 t	01/21/14	16:33	3159	Before	Secondary

### *Node Info*

#	Len	Name
1	0	Vaughn Rd
2	1208	Cairbrook Dr
3	822	Carmichael Rd
4	712	I-85 EB Ramps
5	431	I-85

Length of Study Route = 3,173 feet

### **Notes:**

# Congestion Management Plan Update

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Study Name : **S Perry Hill Rd PM NB Study**  
 Study Date : **1/21/2014**  
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### 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	Vaughn Rd							
2	1208	Cairnbrook Dr	36.7	0.3	22.5	13.0	4.7	13.7	25.3
3	822	Carmichael Rd	25.7	0.3	21.8	10.3	3.7	9.7	20.3
4	712	I-85 EB Ramps	25.7	0.3	18.9	11.7	1.3	11.7	25.7
5	431	I-85	12.0	0.0	24.5	3.0	0.0	0.0	11.0
<b>Total</b>	<b>3,173</b>		<b>100.0</b>	<b>1.0</b>	<b>21.6</b>	<b>38.0</b>	<b>9.7</b>	<b>35.0</b>	<b>82.3</b>

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

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## Montgomery MPO

Study Name : **S Perry Hill Rd PM NB Study**  
 Study Date : **1/21/2014**  
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### Detailed Statistics By Run

#### Travel Time (sec) by Section

S Perry Hill Rd PM-NB-001 t  
 S Perry Hill Rd PM-NB-002 t  
 S Perry Hill Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	26	23	61
3	822	Carmichael Rd	43	14	20
4	712	I-85 EB Ramps	38	17	22
5	431	I-85	12	12	12
Totals	3173		119	66	115

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Study Name : **S Perry Hill Rd PM NB Study**  
 Study Date : **1/21/2014**  
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### Detailed Statistics By Run

#### Average Speed (MPH) by Section

S Perry Hill Rd PM-NB-001 t  
 S Perry Hill Rd PM-NB-002 t  
 S Perry Hill Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	32.8	37.6	13.7
3	822	Carmichael Rd	12.4	38.5	27.9
4	712	I-85 EB Ramps	13.2	28.2	22.7
5	431	I-85	23.8	23.8	24.3
Totals	3173		18.2	33.0	18.9

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Study Name : **S Perry Hill Rd PM NB Study**  
 Study Date : **1/21/2014**  
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### Detailed Statistics By Run

#### Total Delay (sec) by Section

S Perry Hill Rd PM-NB-001 t  
 S Perry Hill Rd PM-NB-002 t  
 S Perry Hill Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	2	0	37
3	822	Carmichael Rd	27	0	4
4	712	I-85 EB Ramps	24	3	8
5	431	I-85	3	3	3
Totals	3173		56	6	52

Total Delay based on a Normal Speed of 35 MPH.

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## Montgomery MPO

Study Name : **S Perry Hill Rd PM NB Study**  
 Study Date : **1/21/2014**  
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### Detailed Statistics By Run

#### Time <= 0 MPH by Section

S Perry Hill Rd PM-NB-001 t  
 S Perry Hill Rd PM-NB-002 t  
 S Perry Hill Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	0	0	14
3	822	Carmichael Rd	11	0	0
4	712	I-85 EB Ramps	4	0	0
5	431	I-85	0	0	0
<b>Totals</b>	<b>3173</b>		<b>15</b>	<b>0</b>	<b>14</b>

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Study Name : **S Perry Hill Rd PM NB Study**  
 Study Date : **1/21/2014**  
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### Detailed Statistics By Run

#### Time <= 20 MPH by Section

S Perry Hill Rd PM-NB-001 t  
 S Perry Hill Rd PM-NB-002 t  
 S Perry Hill Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	1	1	39
3	822	Carmichael Rd	28	0	1
4	712	I-85 EB Ramps	26	0	9
5	431	I-85	0	0	0
<b>Totals</b>	<b>3173</b>		<b>55</b>	<b>1</b>	<b>49</b>



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Study Name : **S Perry Hill Rd PM NB Study**  
 Study Date : **1/21/2014**  
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### Detailed Statistics By Run

#### Time <= 35 MPH by Section

S Perry Hill Rd PM-NB-001 t  
 S Perry Hill Rd PM-NB-002 t  
 S Perry Hill Rd PM-NB-003 t

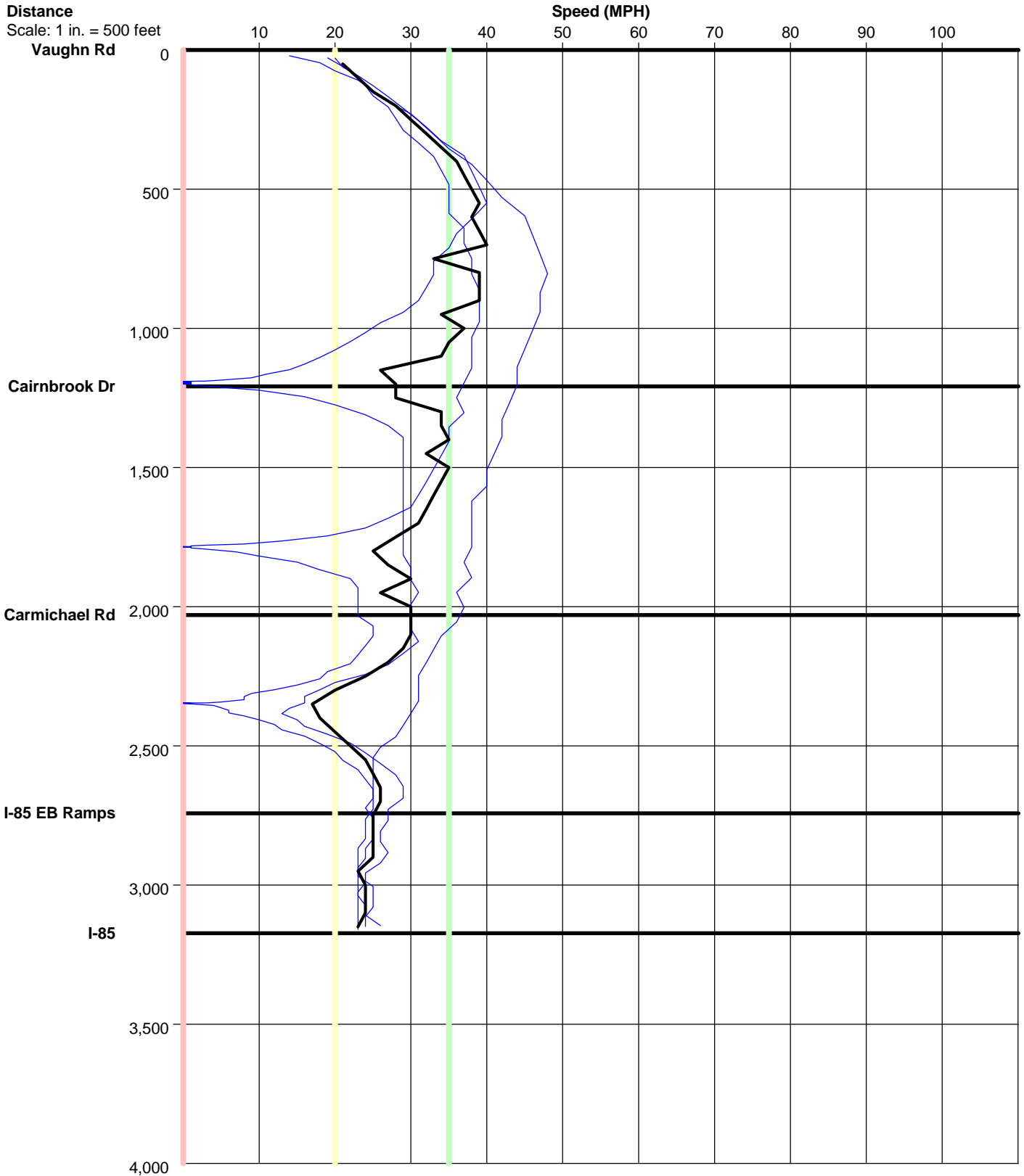
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	13	8	55
3	822	Carmichael Rd	41	0	20
4	712	I-85 EB Ramps	38	17	22
5	431	I-85	11	11	11
<b>Totals</b>	<b>3173</b>		<b>103</b>	<b>36</b>	<b>108</b>

# Congestion Management Plan Update

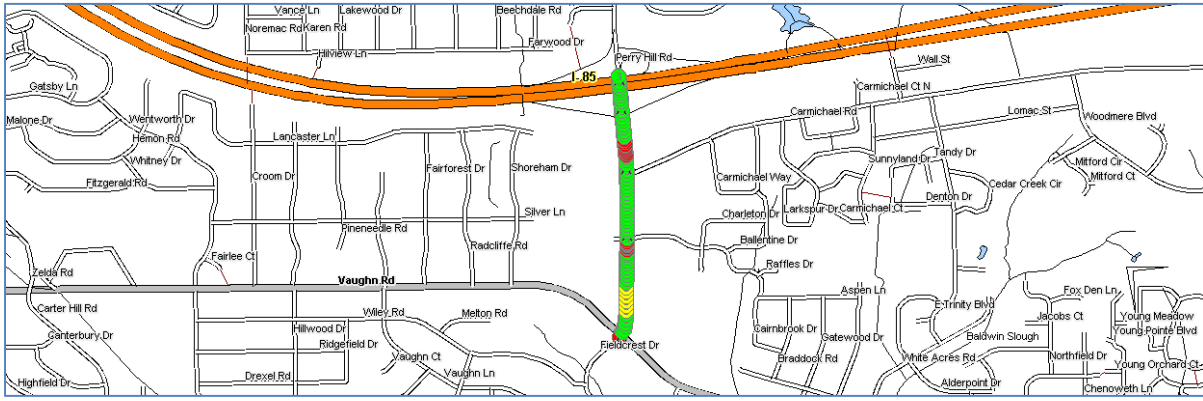
## Montgomery MPO




Study Name : S Perry Hill Rd PM NB Study  
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### Speed/Distance Profiles of All Runs



# S Perry Hill Rd PM NB



Color Code Speeds			
	Speed 1	0	To 20
	Speed 2	20	To 35
	Speed 3	35	To 99