

**Congestion Management Plan Update**  
Montgomery MPO

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***PC-Travel Reports for study: Carter Hill Rd AM SB Study***

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# Congestion Management Plan Update

Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**

Study Date : **12/17/2013**

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## Study Summary

### *Runs Used in This Study*

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Carter Hill Rd AM-SB-001 t	12/17/13	08:52	5840	Before	Secondary
Carter Hill Rd AM-SB-002 t	12/18/13	07:07	5825	Before	Secondary
Carter Hill Rd AM-SB-003 t	12/18/13	07:23	5827	Before	Secondary

### **Notes:**

### *Node Info*

#	Len	Name
1	0	Vaughn Rd
2	734	Canterbury Dr
3	842	Knights Bridge Curve
4	465	Ferway Dr
5	1199	Lansdowne Dr
6	176	Lansdowne Dr
7	1030	Crawford St
8	1342	McGehee Rd

Length of Study Route = 5,788 feet

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**  
 Study Date : **12/17/2013**  
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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	734	Canterbury Dr	17.7	0.0	28.3	3.0	0.0	2.0	13.3
3	842	Knights Bridge Curve	14.3	0.0	40.1	0.0	0.0	0.0	1.3
4	465	Fernway Dr	17.7	0.3	17.9	8.3	1.7	7.7	15.0
5	1199	Lansdowne Dr	102.7	1.3	8.0	80.0	48.3	84.7	92.0
6	176	Lansdowne Dr	5.3	0.0	22.5	2.0	0.0	3.0	4.3
7	1030	Crawford St	70.7	2.0	9.9	51.7	21.0	58.7	65.0
8	1342	McGehee Rd	49.0	0.7	18.7	23.0	3.7	21.3	44.3
<b>Total</b>	<b>5,788</b>		<b>277.3</b>	<b>4.3</b>	<b>14.2</b>	<b>168.0</b>	<b>74.7</b>	<b>177.3</b>	<b>235.3</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.

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**  
 Study Date : **12/17/2013**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

Carter Hill Rd AM-SB-001 t  
 Carter Hill Rd AM-SB-002 t  
 Carter Hill Rd AM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	17	18	18
3	842	Knights Bridge Curve	14	14	15
4	465	Ferway Dr	30	10	13
5	1199	Lansdowne Dr	23	21	264
6	176	Lansdowne Dr	3	4	9
7	1030	Crawford St	17	99	96
8	1342	McGehee Rd	60	46	41
Totals	5788		164	212	456

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**  
 Study Date : **12/17/2013**  
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### Detailed Statistics By Run

#### Average Speed (MPH) by Section

Carter Hill Rd AM-SB-001 t  
 Carter Hill Rd AM-SB-002 t  
 Carter Hill Rd AM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	29.6	29.7	29.8
3	842	Knights Bridge Curve	41.7	39.1	36.6
4	465	Ferway Dr	10.5	34.2	23.8
5	1199	Lansdowne Dr	36.7	38.0	3.2
6	176	Lansdowne Dr	44.0	27.8	13.8
7	1030	Crawford St	39.8	7.2	7.2
8	1342	McGehee Rd	15.1	19.8	22.6
Totals	5788		24.1	18.7	8.7

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**  
 Study Date : **12/17/2013**  
 Page No. : **6**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

*Carter Hill Rd AM-SB-001 t*  
*Carter Hill Rd AM-SB-002 t*  
*Carter Hill Rd AM-SB-003 t*

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	3	3	3
3	842	Knights Bridge Curve	0	0	0
4	465	Ferway Dr	21	0	4
5	1199	Lansdowne Dr	0	0	240
6	176	Lansdowne Dr	0	1	5
7	1030	Crawford St	0	79	76
8	1342	McGehee Rd	34	20	15
Totals	5788		58	103	343

Total Delay based on a Normal Speed of 35 MPH.

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**  
 Study Date : **12/17/2013**  
 Page No. : **7**

### Detailed Statistics By Run

#### Time <= 0 MPH by Section

Carter Hill Rd AM-SB-001 t  
 Carter Hill Rd AM-SB-002 t  
 Carter Hill Rd AM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	0	0	0
3	842	Knights Bridge Curve	0	0	0
4	465	Ferway Dr	5	0	0
5	1199	Lansdowne Dr	0	0	145
6	176	Lansdowne Dr	0	0	0
7	1030	Crawford St	0	22	41
8	1342	McGehee Rd	10	1	0
<b>Totals</b>	<b>5788</b>		<b>15</b>	<b>23</b>	<b>186</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**  
 Study Date : **12/17/2013**  
 Page No. : **8**

### Detailed Statistics By Run

#### Time <= 20 MPH by Section

Carter Hill Rd AM-SB-001 t  
 Carter Hill Rd AM-SB-002 t  
 Carter Hill Rd AM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	3	2	1
3	842	Knights Bridge Curve	0	0	0
4	465	Ferway Dr	23	0	0
5	1199	Lansdowne Dr	1	0	253
6	176	Lansdowne Dr	0	0	9
7	1030	Crawford St	0	95	81
8	1342	McGehee Rd	36	15	13
<b>Totals</b>	<b>5788</b>		<b>63</b>	<b>112</b>	<b>357</b>



# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**  
 Study Date : **12/17/2013**  
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### Detailed Statistics By Run

#### Time <= 35 MPH by Section

Carter Hill Rd AM-SB-001 t  
 Carter Hill Rd AM-SB-002 t  
 Carter Hill Rd AM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	11	16	13
3	842	Knights Bridge Curve	0	1	3
4	465	Ferway Dr	25	7	13
5	1199	Lansdowne Dr	7	5	264
6	176	Lansdowne Dr	0	4	9
7	1030	Crawford St	0	99	96
8	1342	McGehee Rd	46	46	41
<b>Totals</b>	<b>5788</b>		<b>89</b>	<b>178</b>	<b>439</b>

# Congestion Management Plan Update

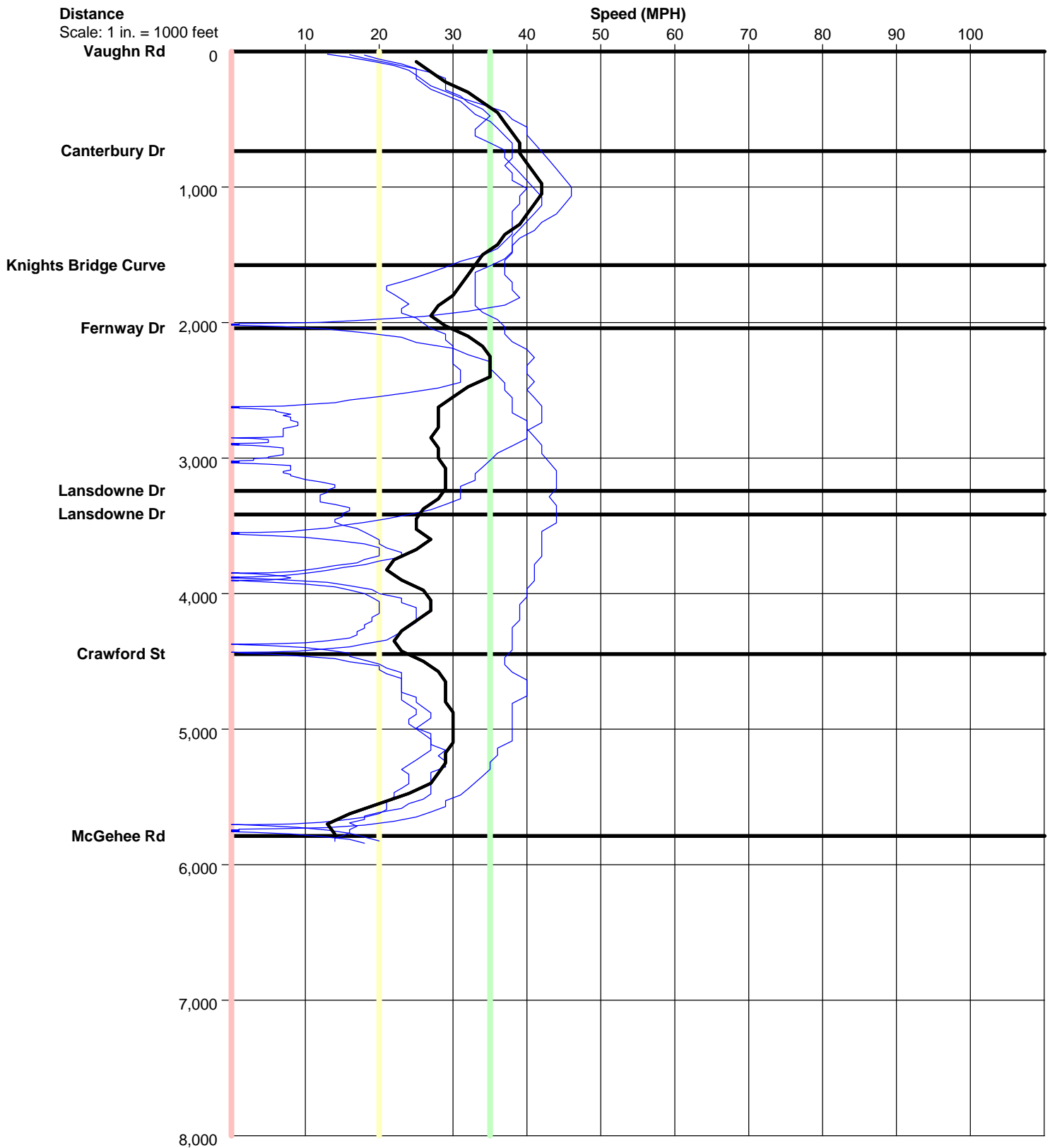
## Montgomery MPO

Study Name : **Carter Hill Rd AM SB Study**

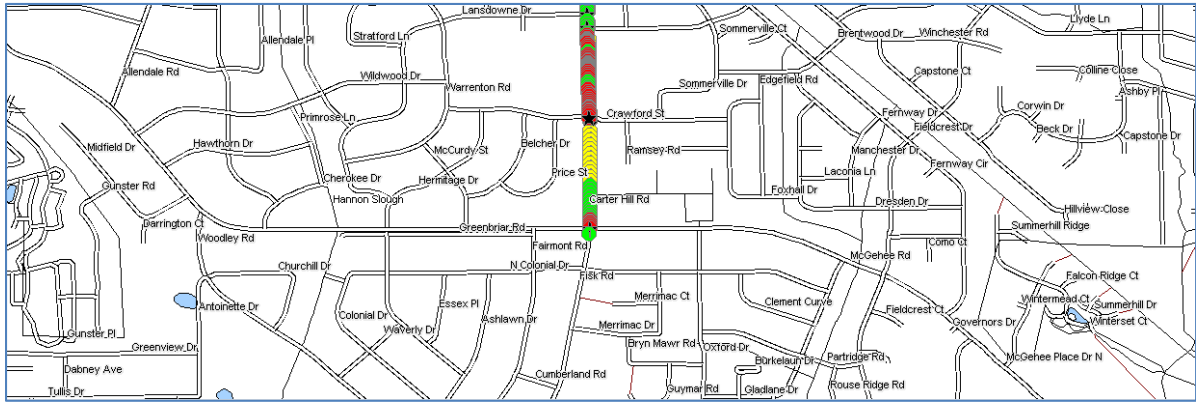
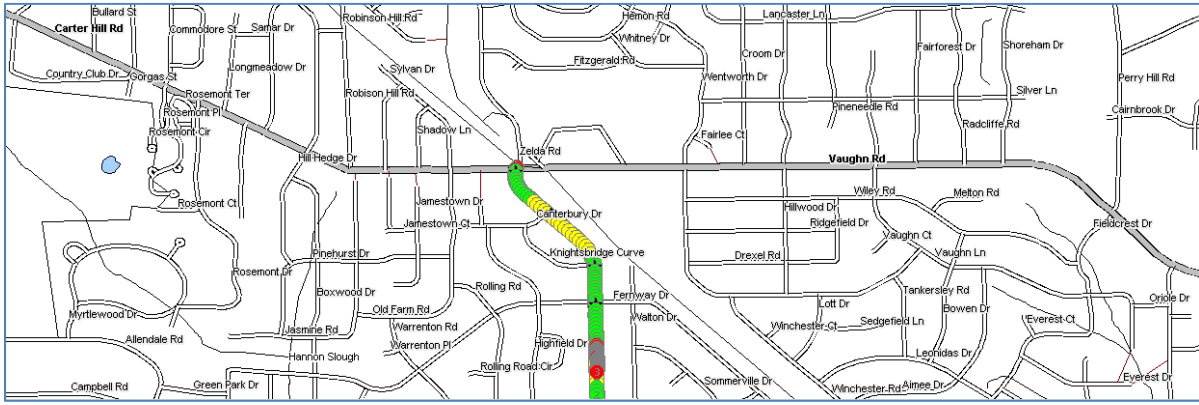
Study Date : **12/17/2013**

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### Speed/Distance Profiles of All Runs



# Carter Hill Rd AM SB



Color Code Speeds

<span style="color: red;">■</span> Speed 1	0	To	20
<span style="color: green;">■</span> Speed 2	20	To	35
<span style="color: yellow;">■</span> Speed 3	35	To	99