

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: Carter Hill Rd OP 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 <= 20 MPH	8
Detailed Statistics By Run - Time <= 35 MPH	9
Speed/Distance Profiles of All Runs	10

Congestion Management Plan Update

Montgomery MPO

Study Name : **Carter Hill Rd OP 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
Carter Hill Rd OP-NB-001 t	12/10/13	14:29	5814	Before	Secondary
Carter Hill Rd OP-NB-002 t	12/10/13	14:42	5827	Before	Secondary
Carter Hill Rd OP-NB-003 t	12/10/13	14:52	5888	Before	Secondary

Notes:

Node Info

#	Len	Name
1	0	McGehee Rd
2	1353	Crawford St
3	1081	Lansdowne Dr
4	111	Lansdowne Dr
5	1217	Fernway Dr
6	453	Knights Bridge Curve
7	888	Canterbury Dr
8	668	Vaughn Rd

Length of Study Route = 5,771 feet

Congestion Management Plan Update

Montgomery MPO

Study Name : **Carter Hill Rd OP 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 <= 20 MPH	Time <= 35 MPH
1	0	McGehee Rd							
2	1353	Crawford St	40.0	0.3	23.1	13.7	1.7	9.3	39.7
3	1081	Lansdowne Dr	45.7	0.3	16.1	25.0	5.7	29.7	37.3
4	111	Lansdowne Dr	2.7	0.0	28.4	0.7	0.0	1.3	1.3
5	1217	Ferway Dr	37.7	0.3	22.0	13.7	2.7	14.0	27.0
6	453	Knights Bridge Curve	16.3	0.3	18.9	7.0	1.7	6.7	16.3
7	888	Canterbury Dr	16.7	0.0	36.3	0.3	0.0	0.0	7.3
8	668	Vaughn Rd	23.7	0.7	19.2	10.7	1.0	14.3	19.3
Total	5,771		182.7	2.0	21.5	71.0	12.7	75.3	148.3

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 OP NB Study**
 Study Date : **12/10/2013**
 Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Carter Hill Rd OP-NB-001 t
 Carter Hill Rd OP-NB-002 t
 Carter Hill Rd OP-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	33	36	51
3	1081	Lansdowne Dr	20	26	91
4	111	Lansdowne Dr	2	2	4
5	1217	Ferway Dr	27	25	61
6	453	Knights Bridge Curve	12	23	14
7	888	Canterbury Dr	16	16	18
8	668	Vaughn Rd	12	27	32
Totals	5771		122	155	271

Congestion Management Plan Update

Montgomery MPO

Study Name : **Carter Hill Rd OP NB Study**
 Study Date : **12/10/2013**
 Page No. : **5**

Detailed Statistics By Run

Average Speed (MPH) by Section

Carter Hill Rd OP-NB-001 t
 Carter Hill Rd OP-NB-002 t
 Carter Hill Rd OP-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	27.9	25.9	18.2
3	1081	Lansdowne Dr	38.2	28.0	8.2
4	111	Lansdowne Dr	38.5	38.0	17.5
5	1217	Ferway Dr	29.7	33.4	13.7
6	453	Knights Bridge Curve	25.8	13.3	23.4
7	888	Canterbury Dr	38.8	39.8	32.4
8	668	Vaughn Rd	36.8	15.5	14.8
Totals	5771		32.3	25.4	14.6

Congestion Management Plan Update

Montgomery MPO

Study Name : **Carter Hill Rd OP NB Study**
 Study Date : **12/10/2013**
 Page No. : **6**

Detailed Statistics By Run

Total Delay (sec) by Section

Carter Hill Rd OP-NB-001 t

Carter Hill Rd OP-NB-002 t

Carter Hill Rd OP-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	7	9	25
3	1081	Lansdowne Dr	0	5	70
4	111	Lansdowne Dr	0	0	2
5	1217	Ferway Dr	3	1	37
6	453	Knights Bridge Curve	3	14	4
7	888	Canterbury Dr	0	0	1
8	668	Vaughn Rd	0	14	18
Totals	5771		13	43	157

Total Delay based on a Normal Speed of 35 MPH.

Congestion Management Plan Update

Montgomery MPO

Study Name : **Carter Hill Rd OP NB Study**
 Study Date : **12/10/2013**
 Page No. : **7**

Detailed Statistics By Run

Time <= 0 MPH by Section

Carter Hill Rd OP-NB-001 t
Carter Hill Rd OP-NB-002 t
Carter Hill Rd OP-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	0	0	5
3	1081	Lansdowne Dr	0	0	17
4	111	Lansdowne Dr	0	0	0
5	1217	Ferway Dr	0	0	8
6	453	Knights Bridge Curve	0	5	0
7	888	Canterbury Dr	0	0	0
8	668	Vaughn Rd	0	3	0
Totals	5771		0	8	30

Congestion Management Plan Update

Montgomery MPO

Study Name : **Carter Hill Rd OP NB Study**
 Study Date : **12/10/2013**
 Page No. : **8**

Detailed Statistics By Run

Time <= 20 MPH by Section

Carter Hill Rd OP-NB-001 t
 Carter Hill Rd OP-NB-002 t
 Carter Hill Rd OP-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	4	3	21
3	1081	Lansdowne Dr	0	5	84
4	111	Lansdowne Dr	0	0	4
5	1217	Ferway Dr	7	3	32
6	453	Knights Bridge Curve	2	15	3
7	888	Canterbury Dr	0	0	0
8	668	Vaughn Rd	0	19	24
Totals	5771		13	45	168

Congestion Management Plan Update

Montgomery MPO

Study Name : **Carter Hill Rd OP NB Study**
 Study Date : **12/10/2013**
 Page No. : **9**

Detailed Statistics By Run

Time <= 35 MPH by Section

Carter Hill Rd OP-NB-001 t
 Carter Hill Rd OP-NB-002 t
 Carter Hill Rd OP-NB-003 t

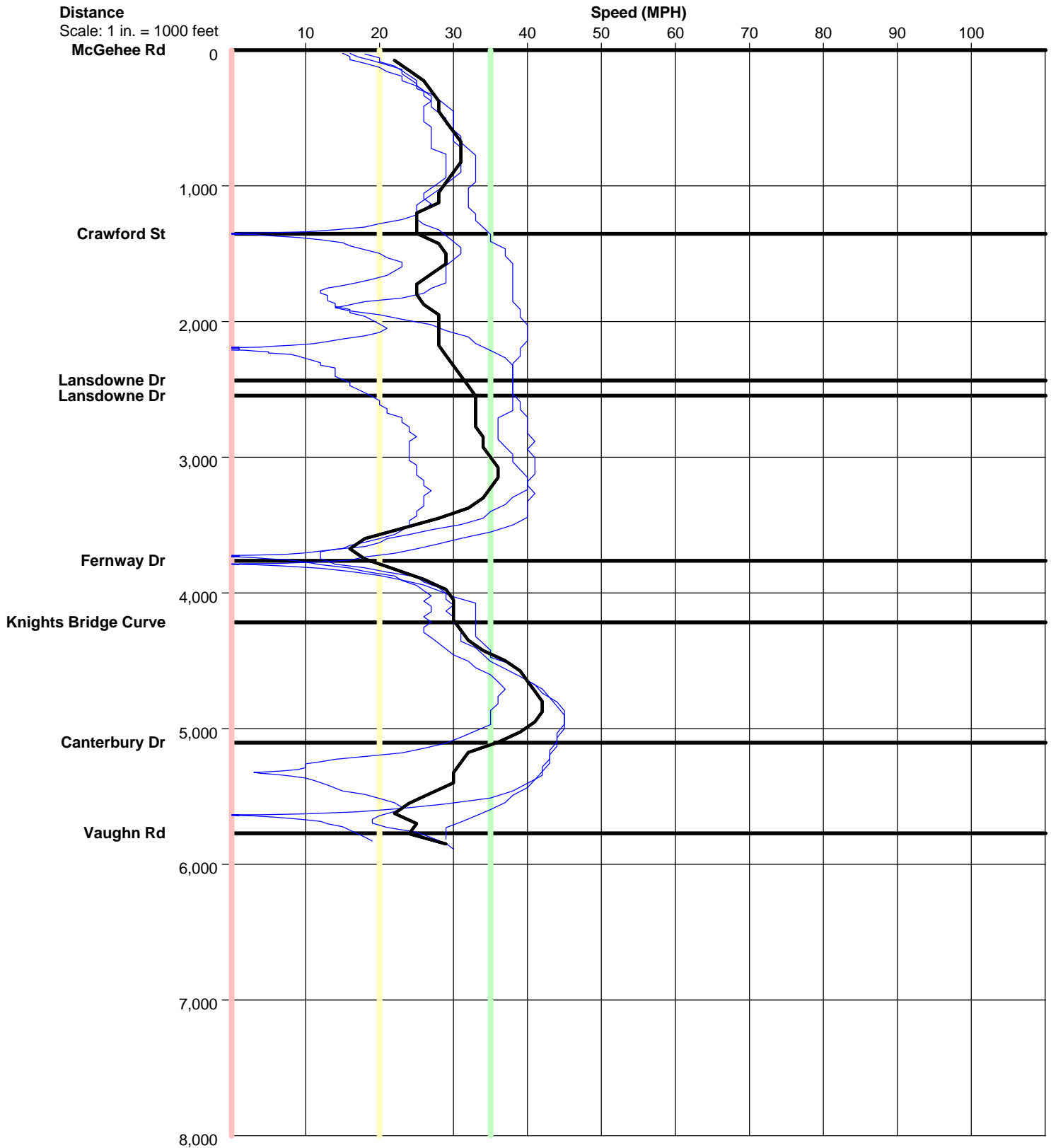
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	McGehee Rd			
2	1353	Crawford St	32	36	51
3	1081	Lansdowne Dr	0	21	91
4	111	Lansdowne Dr	0	0	4
5	1217	Ferway Dr	13	7	61
6	453	Knights Bridge Curve	12	23	14
7	888	Canterbury Dr	6	3	13
8	668	Vaughn Rd	5	21	32
Totals	5771		68	111	266

Congestion Management Plan Update

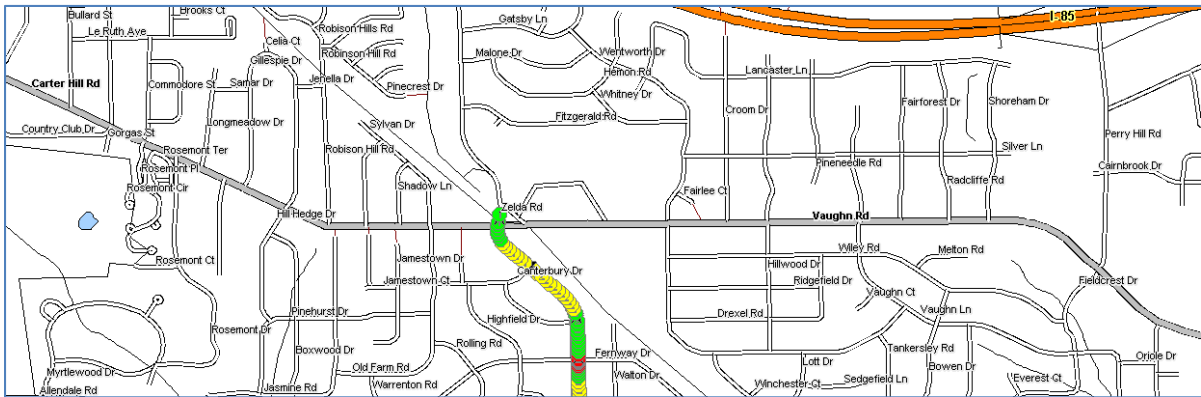
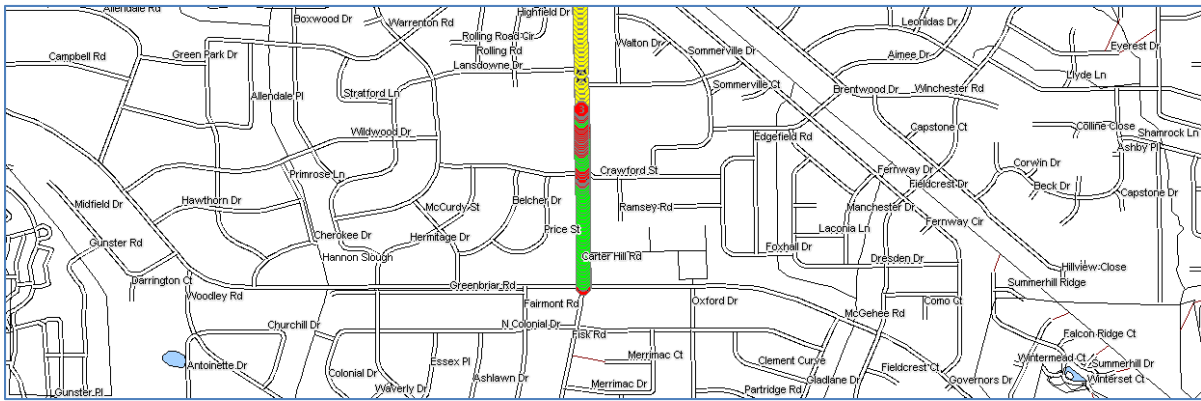
Montgomery MPO

Study Name : Carter Hill Rd OP NB Study
Study Date : 12/10/2013
Page No. : 10

Speed/Distance Profiles of All Runs



Carter Hill Rd OP NB



Color Code Speeds

Speed 1	0	To	20
Speed 2	20	To	35
Speed 3	35	To	99