

Congestion Management Plan Update
Montgomery MPO

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

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

Study Date : **12/16/2013**

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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 PM-SB-001 t	12/16/13	16:00	5836	Before	Secondary
Carter Hill Rd PM-SB-002 t	12/16/13	16:14	5840	Before	Secondary
Carter Hill Rd PM-SB-003 t	12/16/13	16:24	5822	Before	Secondary

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

Notes:

Length of Study Route = 5,788 feet

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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	19.7	0.0	25.4	4.7	0.0	1.3	19.7
3	842	Knights Bridge Curve	16.3	0.0	35.1	0.0	0.0	0.0	9.0
4	465	Fernway Dr	23.3	0.7	13.6	14.0	1.3	14.3	23.3
5	1199	Lansdowne Dr	27.3	0.0	29.9	3.3	2.0	4.7	16.0
6	176	Lansdowne Dr	3.0	0.0	40.0	0.0	0.0	0.0	1.0
7	1030	Crawford St	36.7	0.3	19.2	16.0	2.7	20.0	31.7
8	1342	McGehee Rd	62.3	1.3	14.7	36.0	10.7	35.0	62.3
Total	5,788		188.7	2.3	20.9	74.0	16.7	75.3	163.0

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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Detailed Statistics By Run

Travel Time (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	19	21	19
3	842	Knights Bridge Curve	16	16	17
4	465	Ferway Dr	26	32	12
5	1199	Lansdowne Dr	24	34	24
6	176	Lansdowne Dr	3	3	3
7	1030	Crawford St	30	26	54
8	1342	McGehee Rd	79	60	48
Totals	5788		197	192	177

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Detailed Statistics By Run

Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	26.8	25.3	27.4
3	842	Knights Bridge Curve	36.2	34.3	32.5
4	465	Ferway Dr	12.2	10.0	27.4
5	1199	Lansdowne Dr	34.1	24.5	34.4
6	176	Lansdowne Dr	39.3	44.0	32.7
7	1030	Crawford St	23.5	26.2	13.3
8	1342	McGehee Rd	11.5	15.5	18.8
Totals	5788		20.1	20.7	22.3

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Detailed Statistics By Run

Total Delay (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	4	6	4
3	842	Knights Bridge Curve	0	0	0
4	465	Ferway Dr	17	23	2
5	1199	Lansdowne Dr	0	10	0
6	176	Lansdowne Dr	0	0	0
7	1030	Crawford St	9	6	33
8	1342	McGehee Rd	53	33	22
Totals	5788		83	78	61

Total Delay based on a Normal Speed of 35 MPH.

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Detailed Statistics By Run

Time <= 0 MPH by Section

Carter Hill Rd PM-SB-001 t
 Carter Hill Rd PM-SB-002 t
 Carter Hill Rd PM-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	2	2	0
5	1199	Lansdowne Dr	0	6	0
6	176	Lansdowne Dr	0	0	0
7	1030	Crawford St	0	0	8
8	1342	McGehee Rd	25	4	3
Totals	5788		27	12	11

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Detailed Statistics By Run

Time <= 20 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	0	2	2
3	842	Knights Bridge Curve	0	0	0
4	465	Ferway Dr	21	22	0
5	1199	Lansdowne Dr	1	13	0
6	176	Lansdowne Dr	0	0	0
7	1030	Crawford St	14	11	35
8	1342	McGehee Rd	50	36	19
Totals	5788		86	84	56

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Detailed Statistics By Run

Time <= 35 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	19	21	19
3	842	Knights Bridge Curve	6	8	13
4	465	Ferway Dr	26	32	12
5	1199	Lansdowne Dr	13	19	16
6	176	Lansdowne Dr	0	0	3
7	1030	Crawford St	26	15	54
8	1342	McGehee Rd	79	60	48
Totals	5788		169	155	165

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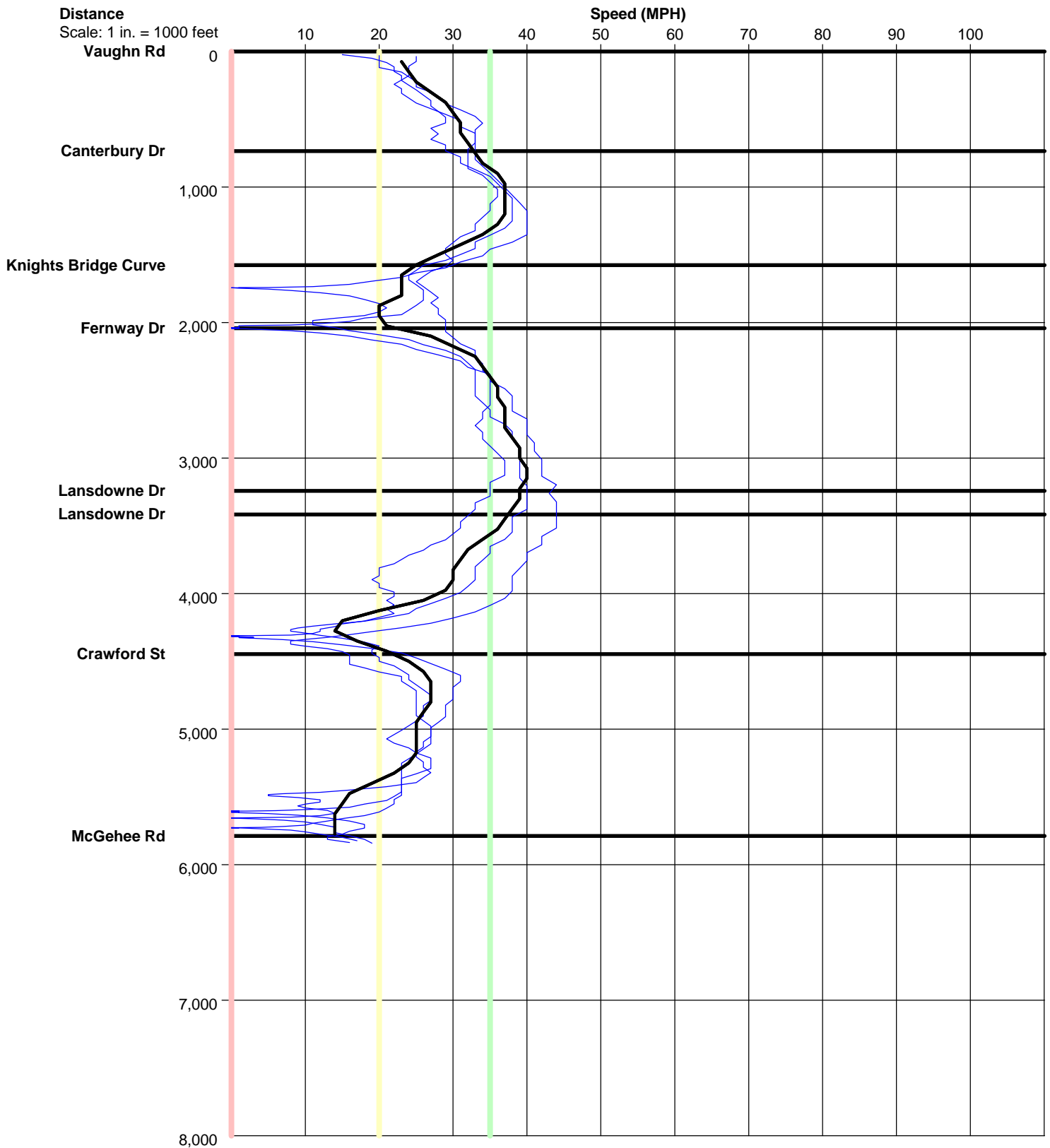
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Study Name : **Carter Hill Rd PM SB Study**

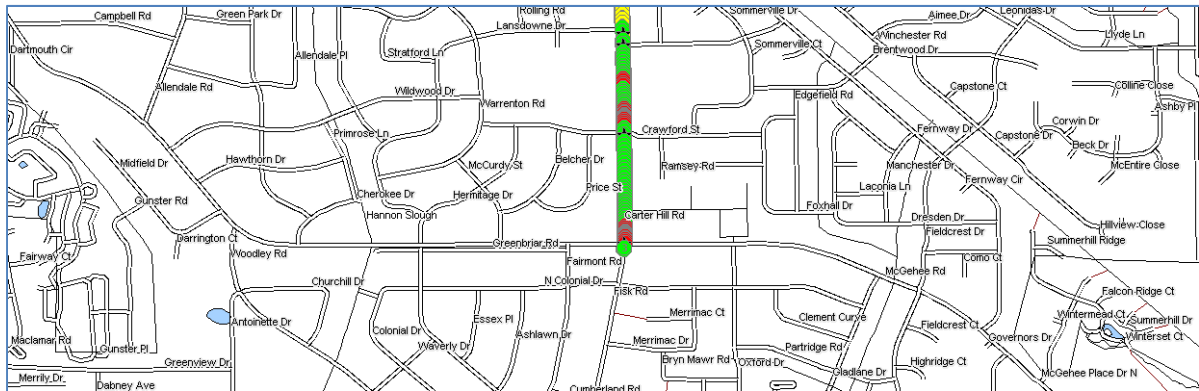
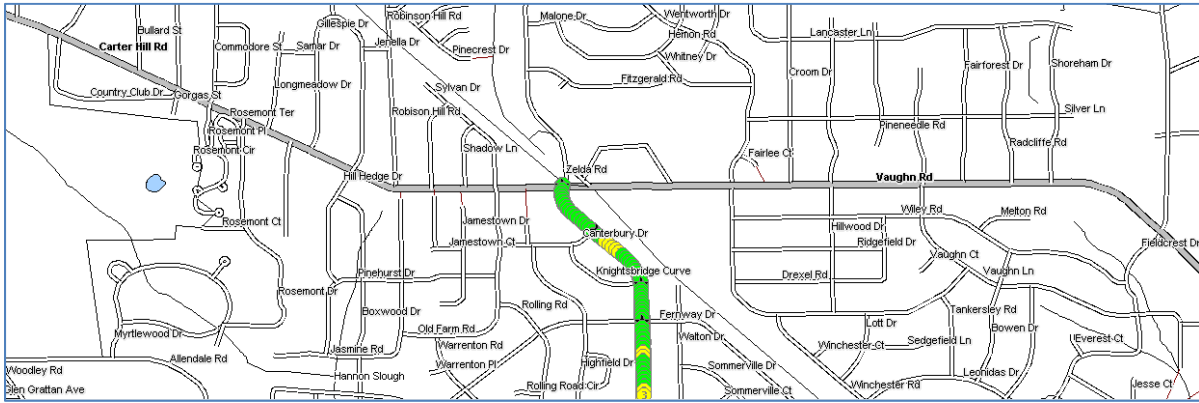
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Speed/Distance Profiles of All Runs



Carter Hill Rd PM SB



Color Code Speeds

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