

Congestion Management Plan Update
Montgomery MPO

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

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Study Name : **Carter Hill Rd OP SB Study**
 Study Date : **12/10/2013**
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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 OP-SB-001 t	12/10/13	14:38	5799	Before	Secondary
Carter Hill Rd OP-SB-002 t	12/10/13	14:47	5788	Before	Secondary
Carter Hill Rd OP-SB-003 t	12/10/13	14:59	5855	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

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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	18.3	0.0	27.3	3.7	0.0	3.7	14.0
3	842	Knights Bridge Curve	14.0	0.0	41.0	0.0	0.0	0.0	2.0
4	465	Fernway Dr	16.3	0.7	19.4	7.3	1.3	8.3	15.0
5	1199	Lansdowne Dr	85.3	1.0	9.6	62.7	31.7	66.0	76.7
6	176	Lansdowne Dr	7.7	0.0	15.7	4.3	0.0	6.7	6.7
7	1030	Crawford St	49.7	1.0	14.1	29.3	8.0	33.7	49.0
8	1342	McGehee Rd	81.7	1.0	11.2	55.7	35.0	57.7	78.0
Total	5,788		273.0	3.7	14.5	163.0	76.0	176.0	241.3

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.

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Detailed Statistics By Run

Travel Time (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	18	18	19
3	842	Knights Bridge Curve	13	16	13
4	465	Ferway Dr	18	13	18
5	1199	Lansdowne Dr	22	26	208
6	176	Lansdowne Dr	3	7	13
7	1030	Crawford St	22	32	95
8	1342	McGehee Rd	75	40	130
Totals	5788		171	152	496

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Detailed Statistics By Run

Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	29.8	27.7	28.3
3	842	Knights Bridge Curve	42.8	36.0	42.0
4	465	Ferway Dr	17.2	24.4	17.4
5	1199	Lansdowne Dr	37.5	31.3	3.9
6	176	Lansdowne Dr	37.7	17.0	9.2
7	1030	Crawford St	32.2	21.9	7.5
8	1342	McGehee Rd	12.1	22.8	7.0
Totals	5788		23.1	25.9	8.0

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Detailed Statistics By Run

Total Delay (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	3	4	4
3	842	Knights Bridge Curve	0	0	0
4	465	Ferway Dr	9	4	9
5	1199	Lansdowne Dr	0	3	185
6	176	Lansdowne Dr	0	4	9
7	1030	Crawford St	1	12	75
8	1342	McGehee Rd	49	14	104
Totals	5788		62	41	386

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 OP-SB-001 t
Carter Hill Rd OP-SB-002 t
Carter Hill Rd OP-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	3	0	1
5	1199	Lansdowne Dr	0	0	95
6	176	Lansdowne Dr	0	0	0
7	1030	Crawford St	0	0	24
8	1342	McGehee Rd	28	0	77
Totals	5788		31	0	197

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Detailed Statistics By Run

Time <= 20 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	4	3	4
3	842	Knights Bridge Curve	0	0	0
4	465	Ferway Dr	11	3	11
5	1199	Lansdowne Dr	0	2	196
6	176	Lansdowne Dr	0	7	13
7	1030	Crawford St	0	12	89
8	1342	McGehee Rd	51	14	108
Totals	5788		66	41	421

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Detailed Statistics By Run

Time <= 35 MPH by Section

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

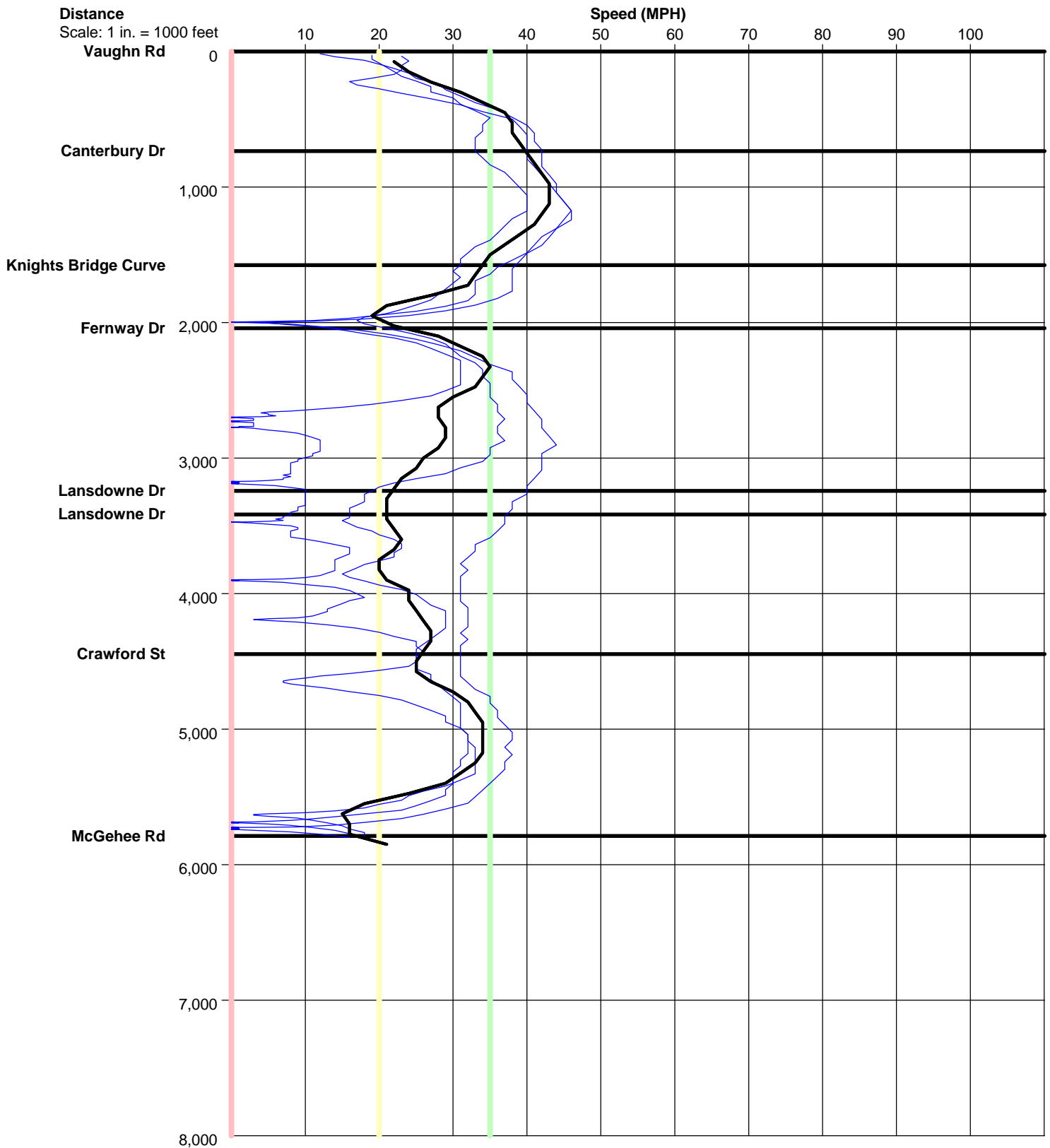
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	734	Canterbury Dr	11	18	13
3	842	Knights Bridge Curve	0	6	0
4	465	Ferway Dr	14	13	18
5	1199	Lansdowne Dr	6	16	208
6	176	Lansdowne Dr	0	7	13
7	1030	Crawford St	20	32	95
8	1342	McGehee Rd	64	40	130
Totals	5788		115	132	477

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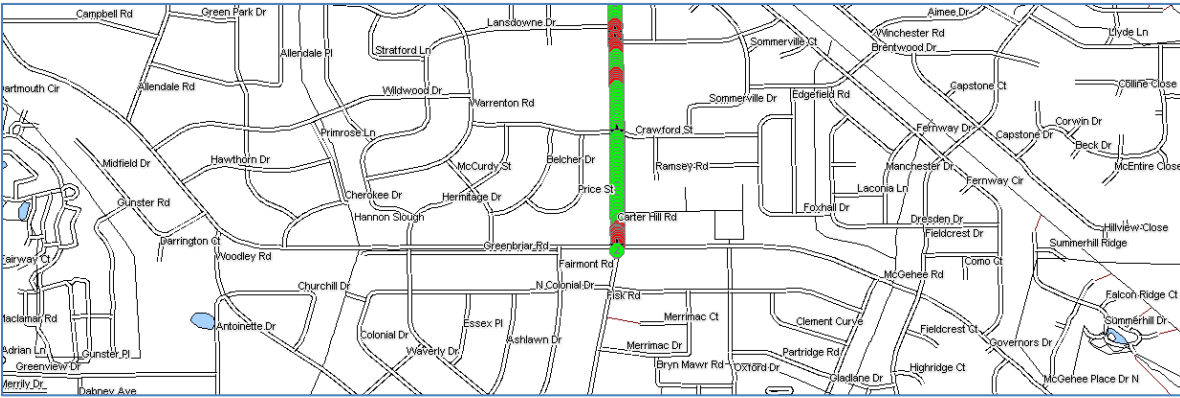
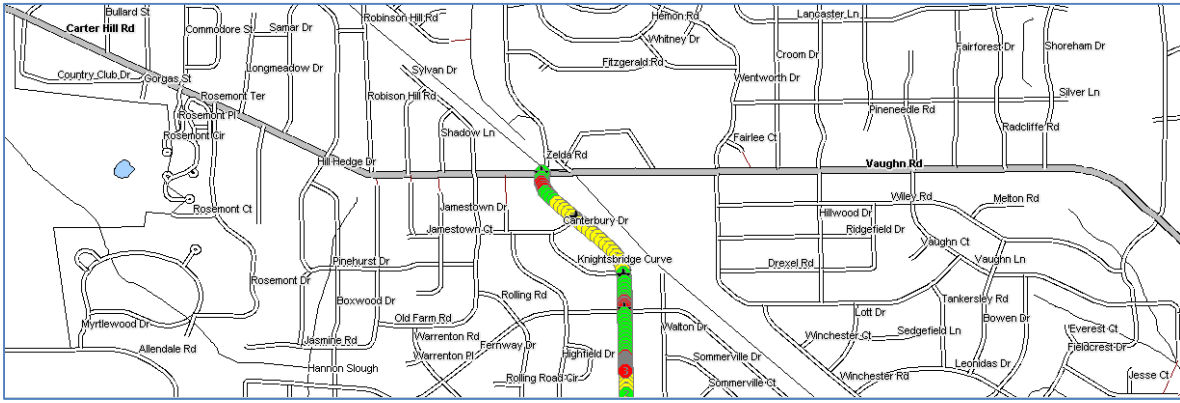
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Speed/Distance Profiles of All Runs



Carter Hill Rd OP SB



Color Code Speeds

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