

Congestion Management Plan Update
Montgomery MPO

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

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Study Name : **S Perry Hill Rd AM NB Study**
 Study Date : **1/22/2014**
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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 AM-NB-001 t	01/22/14	07:02	3081	Before	Secondary
S Perry Hill Rd AM-NB-002 t	01/22/14	07:10	3125	Before	Secondary
S Perry Hill Rd AM-NB-003 t	01/22/14	07:21	3166	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:

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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	23.7	0.0	34.8	0.0	0.0	2.7	9.3
3	822	Carmichael Rd	22.0	0.3	25.5	7.0	1.7	9.3	13.3
4	712	I-85 EB Ramps	20.7	0.3	23.5	7.0	0.3	6.7	16.0
5	431	I-85	8.7	0.0	33.9	1.0	0.0	0.0	3.3
Total	3,173		75.0	0.7	28.8	15.0	2.0	18.7	42.0

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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Study Name : **S Perry Hill Rd AM NB Study**
 Study Date : **1/22/2014**
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Detailed Statistics By Run

Travel Time (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	24	23	24
3	822	Carmichael Rd	32	22	12
4	712	I-85 EB Ramps	16	33	13
5	431	I-85	7	11	8
Totals	3173		79	89	57

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Study Name : **S Perry Hill Rd AM NB Study**
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Detailed Statistics By Run

Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	34.6	36.4	35.5
3	822	Carmichael Rd	17.5	25.6	44.7
4	712	I-85 EB Ramps	30.7	14.2	38.7
5	431	I-85	36.7	26.1	38.0
Totals	3173		26.9	24.2	38.5

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Study Name : **S Perry Hill Rd AM NB Study**
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Detailed Statistics By Run

Total Delay (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	0	0	0
3	822	Carmichael Rd	16	5	0
4	712	I-85 EB Ramps	2	19	0
5	431	I-85	0	3	0
Totals	3173		18	27	0

Total Delay based on a Normal Speed of 35 MPH.

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Study Name : **S Perry Hill Rd AM NB Study**
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Detailed Statistics By Run

Time <= 0 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	0	0	0
3	822	Carmichael Rd	5	0	0
4	712	I-85 EB Ramps	0	1	0
5	431	I-85	0	0	0
Totals	3173		5	1	0

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Detailed Statistics By Run

Time <= 20 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	3	2	3
3	822	Carmichael Rd	20	8	0
4	712	I-85 EB Ramps	0	20	0
5	431	I-85	0	0	0
Totals	3173		23	30	3

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Detailed Statistics By Run

Time <= 35 MPH by Section

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

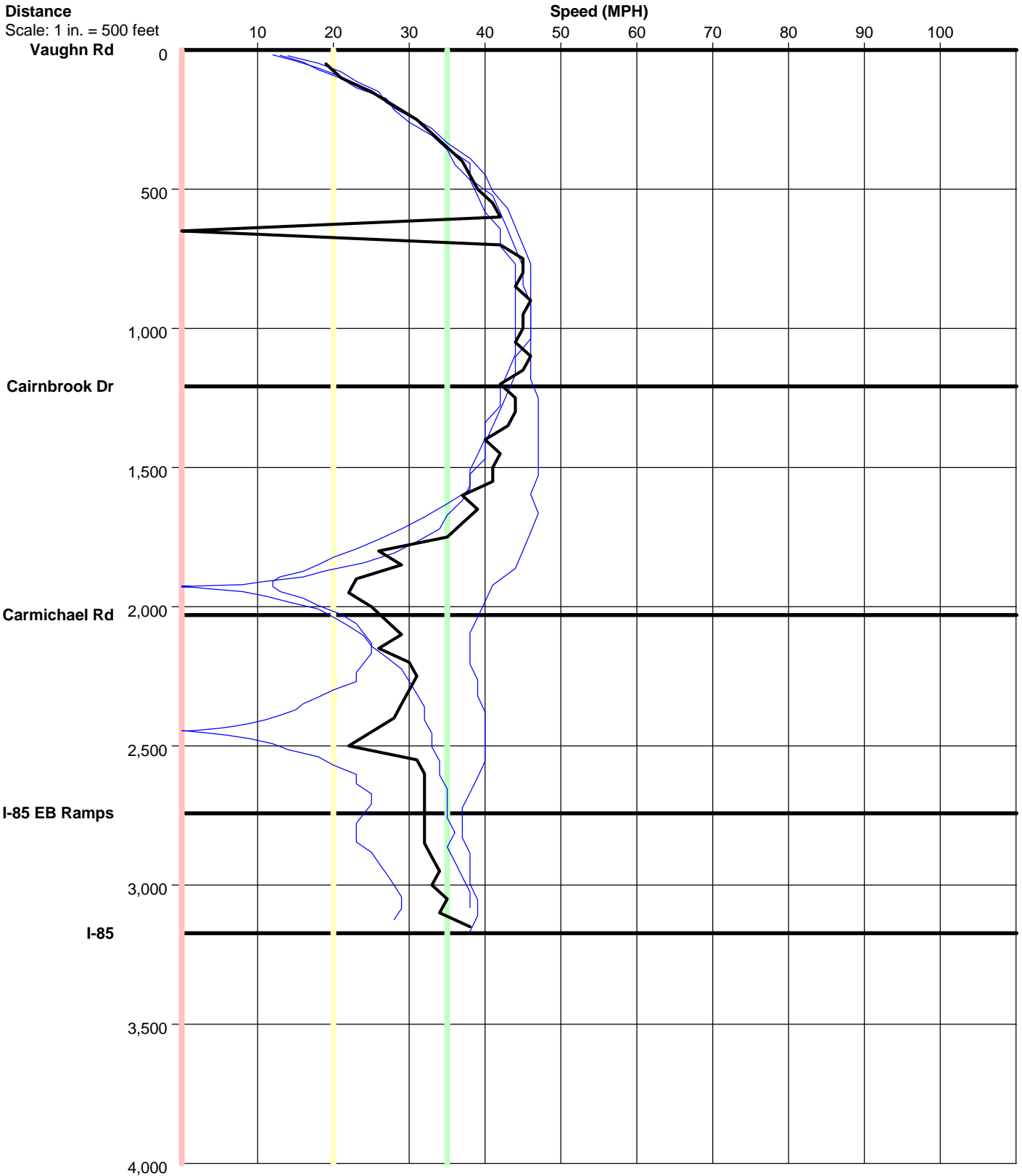
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	10	8	10
3	822	Carmichael Rd	24	16	0
4	712	I-85 EB Ramps	15	33	0
5	431	I-85	0	10	0
Totals	3173		49	67	10

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Speed/Distance Profiles of All Runs



S Perry Hill Rd AM NB



Color Code Speeds

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