

Congestion Management Plan Update
Montgomery MPO

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

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Study Name : **S Perry Hill Rd OP NB Study**
 Study Date : **1/21/2014**
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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 OP-NB-001 t	01/21/14	09:49	3118	Before	Secondary
S Perry Hill Rd OP-NB-002 t	01/21/14	09:58	4996	Before	Secondary
S Perry Hill Rd OP-NB-003 t	01/21/14	10:09	3138	Before	Secondary

Node Info

#	Len	Name
1	0	Vaughn Rd
2	1208	Cairnbrook 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	23.3	0.0	35.3	0.0	0.0	2.7	8.3
3	822	Carmichael Rd	39.3	0.7	14.2	24.3	13.7	26.7	30.0
4	712	I-85 EB Ramps	15.0	0.0	32.4	0.7	0.0	1.0	9.0
5	431	I-85	8.3	0.0	35.3	0.0	0.0	0.0	3.7
Total	3,173		86.0	0.7	25.2	25.0	13.7	30.3	51.0

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

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	25	23	22
3	822	Carmichael Rd	28	78	12
4	712	I-85 EB Ramps	14	16	15
5	431	I-85	8	8	9
Totals	3173		75	125	58

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Detailed Statistics By Run

Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	34.6	35.8	39.1
3	822	Carmichael Rd	19.5	7.3	46.7
4	712	I-85 EB Ramps	33.9	30.5	31.7
5	431	I-85	34.7	36.5	30.3
Totals	3173		28.8	17.4	37.5

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Detailed Statistics By Run

Total Delay (sec) by Section

S Perry Hill Rd OP-NB-001 t
 S Perry Hill Rd OP-NB-002 t
 S Perry Hill Rd OP-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	11	62	0
4	712	I-85 EB Ramps	0	2	0
5	431	I-85	0	0	0
Totals	3173		11	64	0

Total Delay based on a Normal Speed of 35 MPH.

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Detailed Statistics By Run

Time <= 0 MPH by Section

S Perry Hill Rd OP-NB-001 t
 S Perry Hill Rd OP-NB-002 t
 S Perry Hill Rd OP-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	4	37	0
4	712	I-85 EB Ramps	0	0	0
5	431	I-85	0	0	0
Totals	3173		4	37	0

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Detailed Statistics By Run

Time <= 20 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	3	3	2
3	822	Carmichael Rd	14	66	0
4	712	I-85 EB Ramps	0	3	0
5	431	I-85	0	0	0
Totals	3173		17	72	2

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Detailed Statistics By Run

Time <= 35 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	1208	Cairnbrook Dr	9	9	7
3	822	Carmichael Rd	22	68	0
4	712	I-85 EB Ramps	7	9	11
5	431	I-85	3	0	8
Totals	3173		41	86	26

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Speed/Distance Profiles of All Runs



