

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: Chantilly Pkwy PM NB Study

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Study Name : **Chantilly Pkwy PM NB Study**
 Study Date : **10/23/2013**
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Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Chantilly Pkwy PM-NB-001 t	10/23/13	16:46	16565	Before	Secondary
Chantilly Pkwy PM-NB-002 t	10/23/13	17:10	16594	Before	Secondary
Chantilly Pkwy PM-NB-003 t	10/23/13	17:30	16615	Before	Secondary

Notes:

Node Info

#	Len	Name
1	0	Vaughn Rd
2	5387	Emma Ct
3	483	Unnamed Rd
4	783	Shiloh Ln
5	986	Handey Rd
6	2568	Ryan Rd
7	903	Ryan Rd
8	3401	Eastchase Pkwy
9	1500	Boyd-Cooper Pkwy / US-
10	303	I-85 EB Ramps
11	305	I-85

Length of Study Route = 16,619 feet

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Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 40 MPH	Time <= 55 MPH
1	0	Vaughn Rd							
2	5387	Emma Ct	76.7	0.0	47.9	9.0	0.0	17.0	36.3
3	483	Unnamed Rd	5.3	0.0	61.7	0.0	0.0	0.0	0.0
4	783	Shiloh Ln	9.3	0.0	57.2	0.0	0.0	0.0	0.0
5	986	Handey Rd	11.7	0.0	57.6	0.0	0.0	0.0	0.0
6	2568	Ryan Rd	37.0	0.3	47.3	7.0	2.3	9.0	10.3
7	903	Ryan Rd	12.3	0.0	49.9	1.3	0.0	1.3	5.3
8	3401	Eastchase Pkwy	76.3	1.0	30.4	33.7	7.7	44.0	74.0
9	1500	Boyd-Cooper Pkwy / US-80	117.7	1.7	8.7	98.7	46.0	117.0	117.7
10	303	I-85 EB Ramps	8.3	0.0	24.8	4.3	0.0	8.3	8.3
11	305	I-85	7.7	0.0	27.1	3.7	0.0	6.7	6.7
Total	16,619		362.3	3.0	31.3	157.7	56.0	203.3	258.7

Stats based on 3 BEFORE runs.
 Stops based on a Stop Speed of 5 MPH.
 Total Delay based on a Normal Speed of 55 MPH.

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Detailed Statistics By Run

Travel Time (sec) by Section

Chantilly Pkwy PM-NB-001 t
Chantilly Pkwy PM-NB-002 t
Chantilly Pkwy PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	79	75	76
3	483	Unnamed Rd	5	6	5
4	783	Shiloh Ln	10	9	9
5	986	Handey Rd	11	12	12
6	2568	Ryan Rd	29	29	53
7	903	Ryan Rd	10	11	16
8	3401	Eastchase Pkwy	78	88	63
9	1500	Boyd-Cooper Pkwy / US-	128	160	65
10	303	I-85 EB Ramps	8	8	9
11	305	I-85	6	8	9
Totals	16619		364	406	317

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Detailed Statistics By Run

Average Speed (MPH) by Section

Chantilly Pkwy PM-NB-001 t
Chantilly Pkwy PM-NB-002 t
Chantilly Pkwy PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	47.0	49.1	49.1
3	483	Unnamed Rd	58.4	57.3	58.4
4	783	Shiloh Ln	57.4	59.0	59.4
5	986	Handey Rd	58.8	58.1	59.3
6	2568	Ryan Rd	61.2	59.1	32.3
7	903	Ryan Rd	59.0	57.1	40.6
8	3401	Eastchase Pkwy	30.1	26.5	36.3
9	1500	Boyd-Cooper Pkwy / US-	7.8	6.3	15.6
10	303	I-85 EB Ramps	28.0	26.3	24.3
11	305	I-85	28.8	26.1	23.3
Totals	16619		31.1	28.0	35.9

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Detailed Statistics By Run

Total Delay (sec) by Section

Chantilly Pkwy PM-NB-001 t
Chantilly Pkwy PM-NB-002 t
Chantilly Pkwy PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	11	8	8
3	483	Unnamed Rd	0	0	0
4	783	Shiloh Ln	0	0	0
5	986	Handey Rd	0	0	0
6	2568	Ryan Rd	0	0	21
7	903	Ryan Rd	0	0	4
8	3401	Eastchase Pkwy	35	45	21
9	1500	Boyd-Cooper Pkwy / US-	109	141	46
10	303	I-85 EB Ramps	4	4	5
11	305	I-85	2	4	5
Totals	16619		161	202	110

Total Delay based on a Normal Speed of 55 MPH.

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Detailed Statistics By Run

Time <= 0 MPH by Section

Chantilly Pkwy PM-NB-001 t
Chantilly Pkwy PM-NB-002 t
Chantilly Pkwy PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	0	0	0
3	483	Unnamed Rd	0	0	0
4	783	Shiloh Ln	0	0	0
5	986	Handey Rd	0	0	0
6	2568	Ryan Rd	0	0	7
7	903	Ryan Rd	0	0	0
8	3401	Eastchase Pkwy	5	12	6
9	1500	Boyd-Cooper Pkwy / US-	52	77	9
10	303	I-85 EB Ramps	0	0	0
11	305	I-85	0	0	0
Totals	16619		57	89	22

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Detailed Statistics By Run

Time <= 40 MPH by Section

Chantilly Pkwy PM-NB-001 t
Chantilly Pkwy PM-NB-002 t
Chantilly Pkwy PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	20	16	15
3	483	Unnamed Rd	0	0	0
4	783	Shiloh Ln	0	0	0
5	986	Handey Rd	0	0	0
6	2568	Ryan Rd	0	0	27
7	903	Ryan Rd	0	0	4
8	3401	Eastchase Pkwy	42	68	22
9	1500	Boyd-Cooper Pkwy / US-	126	160	65
10	303	I-85 EB Ramps	8	8	9
11	305	I-85	5	7	8
Totals	16619		201	259	150

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Detailed Statistics By Run

Time <= 55 MPH by Section

Chantilly Pkwy PM-NB-001 t
Chantilly Pkwy PM-NB-002 t
Chantilly Pkwy PM-NB-003 t

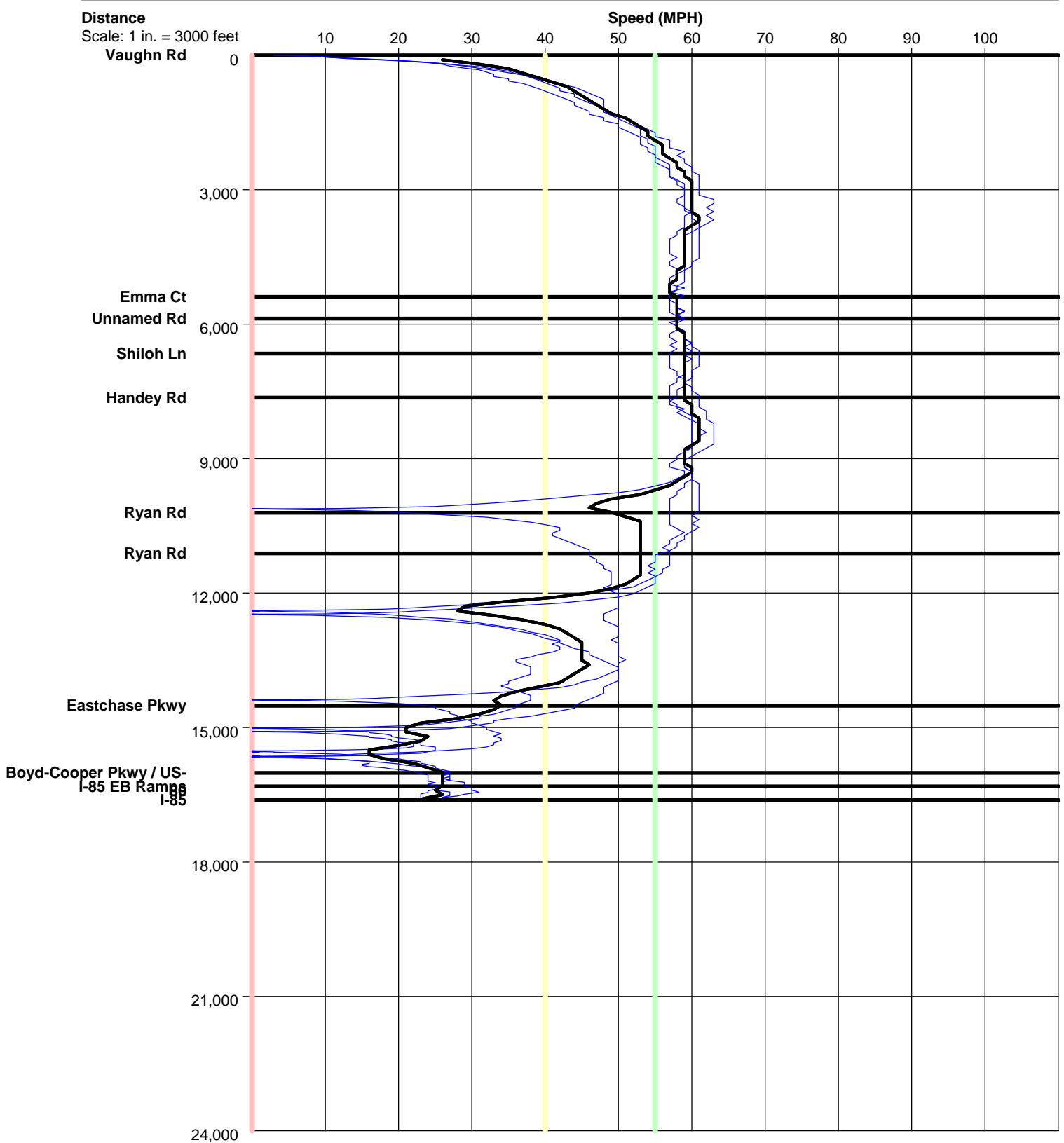
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	41	32	36
3	483	Unnamed Rd	0	0	0
4	783	Shiloh Ln	0	0	0
5	986	Handey Rd	0	0	0
6	2568	Ryan Rd	0	0	31
7	903	Ryan Rd	0	0	16
8	3401	Eastchase Pkwy	72	87	63
9	1500	Boyd-Cooper Pkwy / US-	128	160	65
10	303	I-85 EB Ramps	8	8	9
11	305	I-85	5	7	8
Totals	16619		254	294	228

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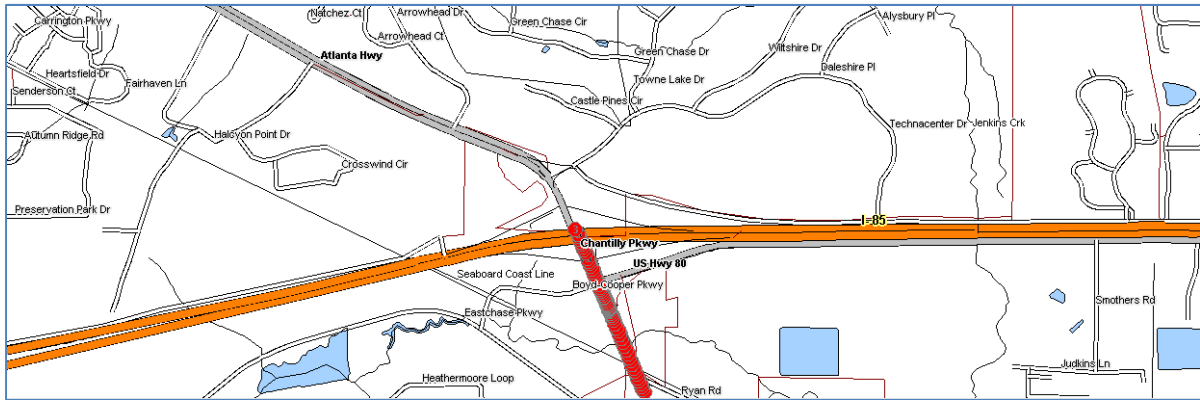
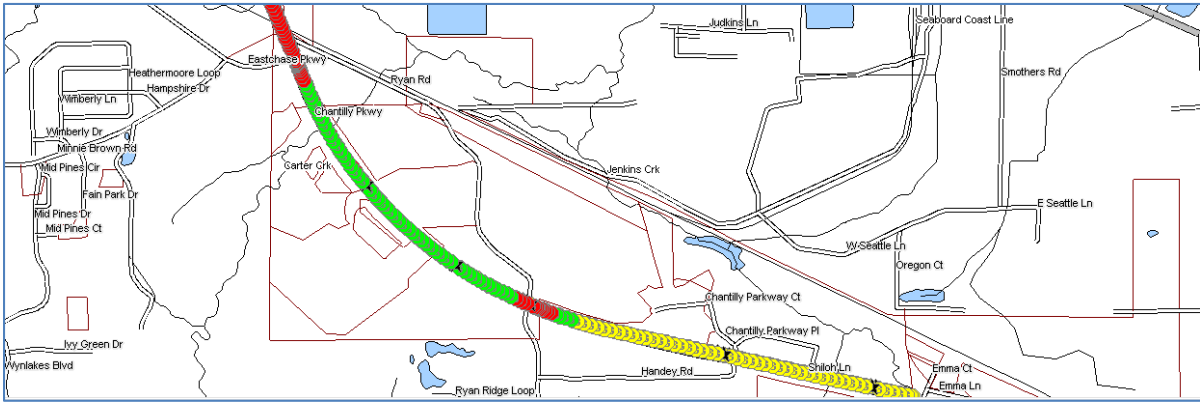
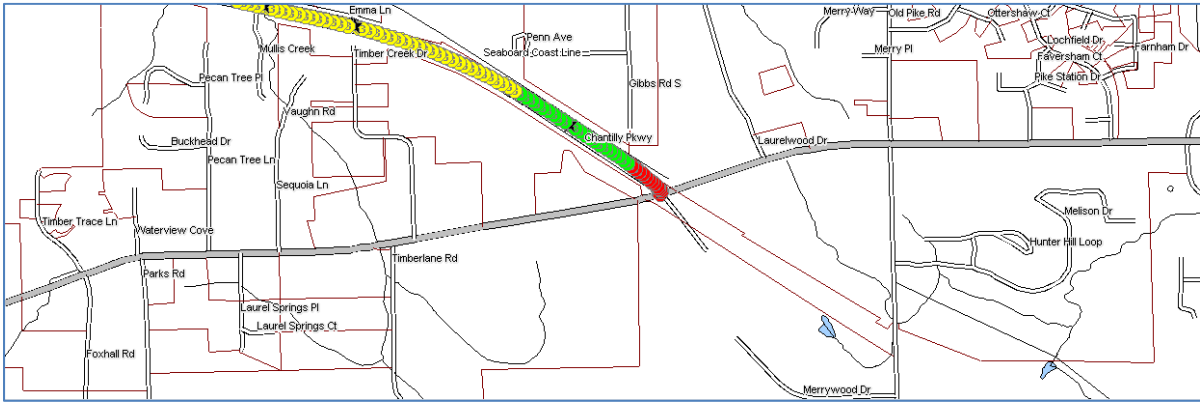
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Speed/Distance Profiles of All Runs



Chantilly Pkwy PM NB



Color Code Speeds

Speed 1	0	To	40
Speed 2	40	To	55
Speed 3	55	To	99