

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: Chantilly Pkwy OP SB Study

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Study Name : **Chantilly Pkwy OP SB 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 OP-SB-001 t	10/23/13	15:30	16606	Before	Secondary
Chantilly Pkwy OP-SB-002 t	10/23/13	15:56	16610	Before	Secondary
Chantilly Pkwy OP-SB-003 t	10/30/13	10:45	16619	Before	Secondary

Notes:

Node Info

#	Len	Name
1	0	I-85
2	295	I-85 EB Ramps
3	288	Boyd-Cooper Pkwy / US-
4	1573	Eastchase Pkwy
5	3329	Ryan Rd
6	981	Ryan Rd
7	2558	Handey Rd
8	934	Shiloh Ln
9	860	Unnamed Rd
10	460	Emma Ct
11	5255	Vaughn Rd

Length of Study Route = 16,533 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	I-85							
2	295	I-85 EB Ramps	7.0	0.0	28.7	3.0	0.0	6.7	7.0
3	288	Boyd-Cooper Pkwy / US-80	9.0	0.3	21.8	5.0	0.0	9.0	9.0
4	1573	Eastchase Pkwy	45.3	0.7	23.7	25.3	7.0	42.7	45.3
5	3329	Ryan Rd	53.7	0.3	42.3	12.3	0.0	17.3	47.7
6	981	Ryan Rd	14.3	0.0	46.7	2.3	0.0	2.0	12.3
7	2558	Handey Rd	31.3	0.0	55.7	0.7	0.0	2.7	9.0
8	934	Shiloh Ln	10.3	0.0	61.6	0.0	0.0	0.0	0.0
9	860	Unnamed Rd	9.0	0.0	65.2	0.0	0.0	0.0	0.0
10	460	Emma Ct	5.3	0.0	58.8	0.0	0.0	0.0	1.3
11	5255	Vaughn Rd	62.0	0.0	57.8	0.7	0.0	5.3	19.7
Total	16,533		247.3	1.3	45.6	49.3	7.0	85.7	151.3

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 OP-SB-001 t
 Chantilly Pkwy OP-SB-002 t
 Chantilly Pkwy OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	I-85			
2	295	I-85 EB Ramps	7	8	6
3	288	Boyd-Cooper Pkwy / US-	5	6	16
4	1573	Eastchase Pkwy	29	66	41
5	3329	Ryan Rd	65	53	43
6	981	Ryan Rd	14	13	16
7	2558	Handey Rd	31	29	34
8	934	Shiloh Ln	11	10	10
9	860	Unnamed Rd	10	9	8
10	460	Emma Ct	6	5	5
11	5255	Vaughn Rd	67	62	57
Totals	16533		245	261	236

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Detailed Statistics By Run

Average Speed (MPH) by Section

Chantilly Pkwy OP-SB-001 t
Chantilly Pkwy OP-SB-002 t
Chantilly Pkwy OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	I-85			
2	295	I-85 EB Ramps	33.1	28.0	34.0
3	288	Boyd-Cooper Pkwy / US-	36.6	31.8	12.1
4	1573	Eastchase Pkwy	36.9	16.1	26.9
5	3329	Ryan Rd	34.8	42.8	53.0
6	981	Ryan Rd	48.1	51.3	40.0
7	2558	Handey Rd	57.6	61.8	51.6
8	934	Shiloh Ln	56.9	63.5	68.3
9	860	Unnamed Rd	56.5	65.0	69.8
10	460	Emma Ct	55.0	62.8	68.2
11	5255	Vaughn Rd	53.1	56.9	61.8
Totals	16533		46.0	43.2	47.8

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Detailed Statistics By Run

Total Delay (sec) by Section

Chantilly Pkwy OP-SB-001 t
 Chantilly Pkwy OP-SB-002 t
 Chantilly Pkwy OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	I-85			
2	295	I-85 EB Ramps	3	4	2
3	288	Boyd-Cooper Pkwy / US-	1	2	12
4	1573	Eastchase Pkwy	9	46	21
5	3329	Ryan Rd	24	12	1
6	981	Ryan Rd	2	1	4
7	2558	Handey Rd	0	0	2
8	934	Shiloh Ln	0	0	0
9	860	Unnamed Rd	0	0	0
10	460	Emma Ct	0	0	0
11	5255	Vaughn Rd	2	0	0
Totals	16533		41	65	42

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 OP-SB-001 t
 Chantilly Pkwy OP-SB-002 t
 Chantilly Pkwy OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	I-85			
2	295	I-85 EB Ramps	0	0	0
3	288	Boyd-Cooper Pkwy / US-	0	0	0
4	1573	Eastchase Pkwy	0	20	1
5	3329	Ryan Rd	0	0	0
6	981	Ryan Rd	0	0	0
7	2558	Handey Rd	0	0	0
8	934	Shiloh Ln	0	0	0
9	860	Unnamed Rd	0	0	0
10	460	Emma Ct	0	0	0
11	5255	Vaughn Rd	0	0	0
Totals	16533		0	20	1

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Detailed Statistics By Run

Time <= 40 MPH by Section

Chantilly Pkwy OP-SB-001 t
Chantilly Pkwy OP-SB-002 t
Chantilly Pkwy OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	I-85			
2	295	I-85 EB Ramps	7	8	5
3	288	Boyd-Cooper Pkwy / US-	5	6	16
4	1573	Eastchase Pkwy	28	66	34
5	3329	Ryan Rd	38	14	0
6	981	Ryan Rd	0	0	6
7	2558	Handey Rd	0	0	8
8	934	Shiloh Ln	0	0	0
9	860	Unnamed Rd	0	0	0
10	460	Emma Ct	0	0	0
11	5255	Vaughn Rd	7	5	4
Totals	16533		85	99	73

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Detailed Statistics By Run

Time <= 55 MPH by Section

Chantilly Pkwy OP-SB-001 t
Chantilly Pkwy OP-SB-002 t
Chantilly Pkwy OP-SB-003 t

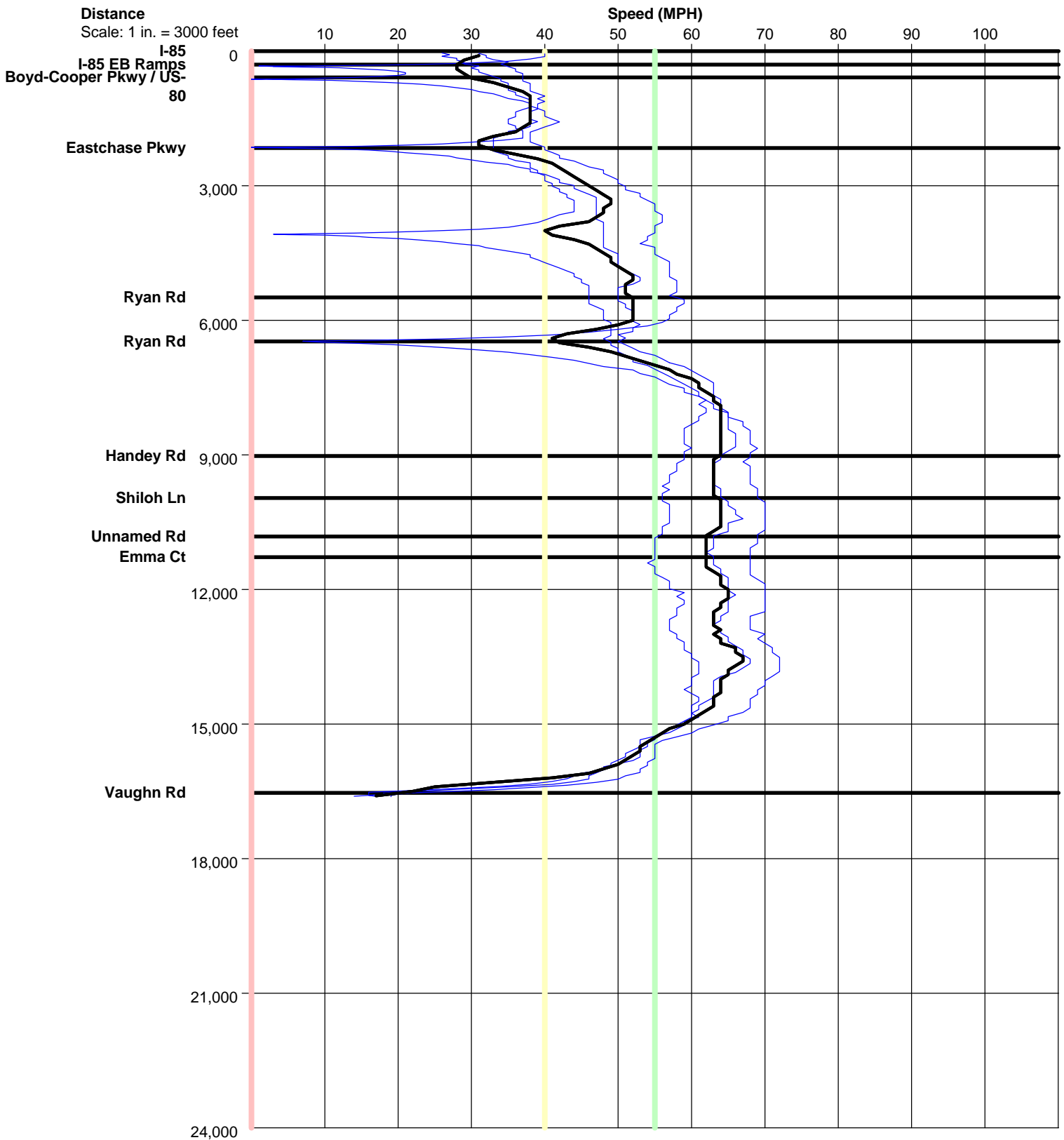
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	I-85			
2	295	I-85 EB Ramps	7	8	6
3	288	Boyd-Cooper Pkwy / US-	5	6	16
4	1573	Eastchase Pkwy	29	66	41
5	3329	Ryan Rd	65	53	25
6	981	Ryan Rd	14	13	10
7	2558	Handey Rd	8	4	15
8	934	Shiloh Ln	0	0	0
9	860	Unnamed Rd	0	0	0
10	460	Emma Ct	4	0	0
11	5255	Vaughn Rd	24	21	14
Totals	16533		156	171	127

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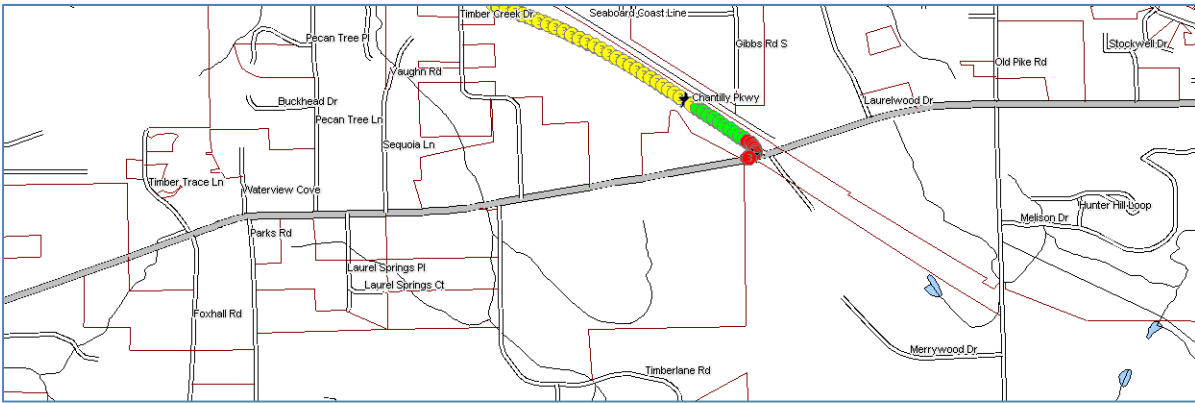
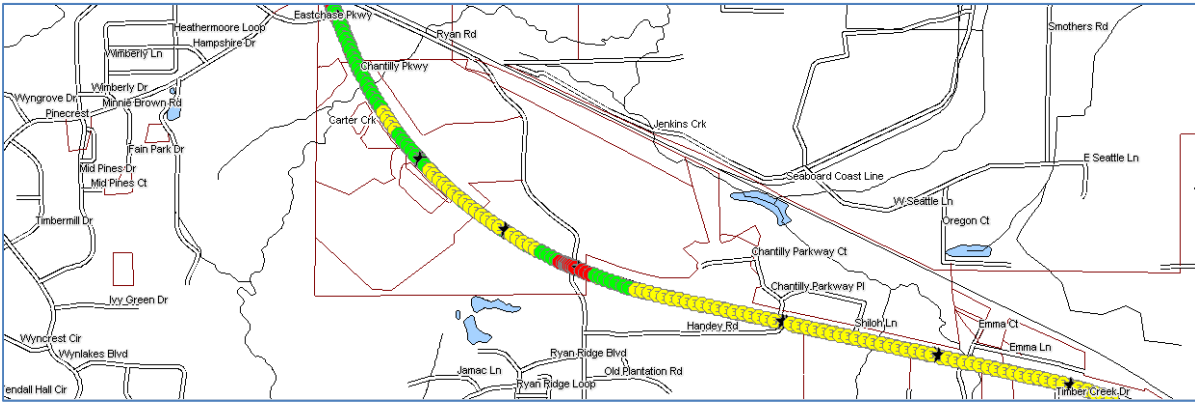
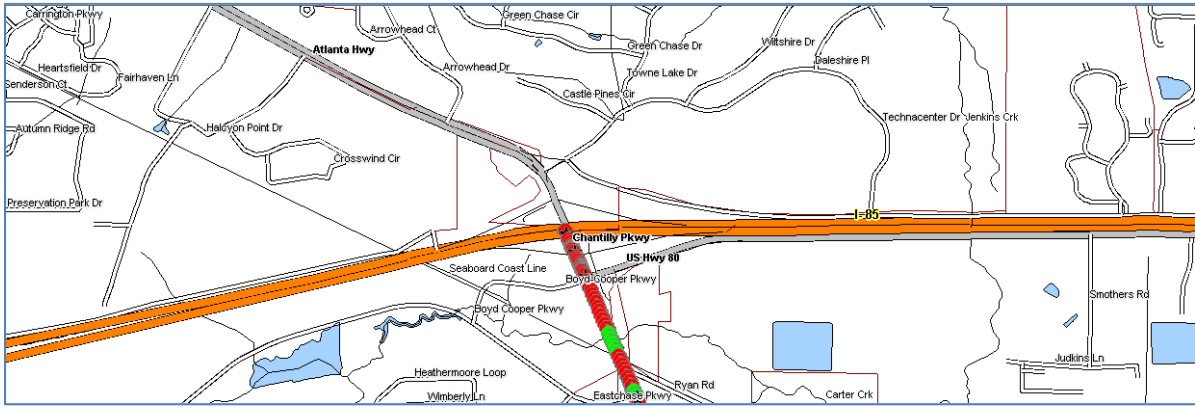
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Speed/Distance Profiles of All Runs



Chantilly Pkwy OP SB



Color Code Speeds

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