

**Congestion Management Plan Update**  
Montgomery MPO

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***PC-Travel Reports for study: US-31 AM SB Study***

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# Congestion Management Plan Update Montgomery MPO

Study Name : **US-31 AM SB Study**  
 Study Date : **11/14/2013**  
 Page No. : **2**

## Study Summary

### Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
US-31 AM-SB-001 t	11/14/13	08:28	44038	Before	Secondary
US-31 AM-SB-002 t	11/15/13	08:02	44046	Before	Secondary
US-31 AM-SB-003 t	11/22/13	07:46	44113	Before	Secondary

### Notes:

### Node Info

#	Len	Name
1	0	E Main St
2	737	Thomas Ave
3	726	Dozier Ave
4	1073	Smith Ave
5	551	Paige Ct
6	485	Stonewall Dr
7	348	Old Hwy 31
8	3457	Overlook Dr
9	1486	Doster Rd
10	1115	Sheila Blvd
11	2131	US-82
12	881	Longview Heights Rd
13	979	Hare Cir
14	1938	McQueen Smith Rd S
15	1116	Candlestick Way
16	1837	Scenic Dr
17	578	CR-4
18	10134	2nd St
19	537	1st St
20	632	Reese Ferry Rd
21	1346	Hunter Loop Rd
22	1158	Phillips St
23	534	Washington Ferry Rd
24	1422	Anthony St
25	2226	Embassy Dr
26	534	Twin Lakes Pkwy
27	2262	Industrial Dr
28	669	Capital Plaza Dr
29	3129	West Blvd

Length of Study Route = 44,021 feet

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 AM SB Study**  
 Study Date : **11/14/2013**  
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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	E Main St							
2	737	Thomas Ave	16.7	0.0	30.2	5.3	0.0	16.7	16.7
3	726	Dozier Ave	14.0	0.0	35.4	2.3	0.0	14.0	14.0
4	1073	Smith Ave	18.7	0.0	39.2	1.7	0.0	14.3	18.7
5	551	Paige Ct	8.7	0.0	43.3	0.3	0.0	1.7	8.7
6	485	Stonewall Dr	7.7	0.0	43.1	0.3	0.0	1.3	7.7
7	348	Old Hwy 31	5.7	0.0	41.9	0.0	0.0	0.0	5.7
8	3457	Overlook Dr	49.0	0.0	48.1	0.0	0.0	4.0	44.0
9	1486	Doster Rd	18.3	0.0	55.3	0.0	0.0	0.0	7.7
10	1115	Sheila Blvd	20.0	0.3	38.0	4.7	0.7	7.3	18.0
11	2131	US-82	38.0	0.3	38.2	8.3	1.3	14.3	31.0
12	881	Longview Heights Rd	15.0	0.0	40.0	3.0	0.0	7.0	14.7
13	979	Hare Cir	12.3	0.0	54.1	0.7	0.0	0.3	8.7
14	1938	McQueen Smith Rd S	23.7	0.0	55.8	0.3	0.0	0.0	10.7
15	1116	Candlestick Way	13.0	0.0	58.5	0.0	0.0	0.0	2.0
16	1837	Scenic Dr	21.0	0.0	59.6	0.0	0.0	0.0	3.3
17	578	CR-4	7.3	0.0	53.7	0.3	0.0	0.0	5.0
18	10134	2nd St	118.0	0.0	58.6	0.0	0.0	0.0	20.7
19	537	1st St	5.7	0.0	64.6	0.0	0.0	0.0	0.0
20	632	Reese Ferry Rd	7.0	0.0	61.6	0.0	0.0	0.0	0.0
21	1346	Hunter Loop Rd	24.3	0.3	37.7	7.0	0.0	10.3	21.3
22	1158	Phillips St	15.7	0.0	50.4	1.3	0.0	2.0	8.0
23	534	Washington Ferry Rd	6.3	0.0	57.5	0.0	0.0	0.0	2.3
24	1422	Anthony St	16.7	0.0	58.2	0.0	0.0	0.0	0.7
25	2226	Embassy Dr	25.0	0.0	60.7	0.0	0.0	0.0	0.0
26	534	Twin Lakes Pkwy	6.3	0.0	57.5	0.0	0.0	0.0	0.0
27	2262	Industrial Dr	26.0	0.0	59.3	0.0	0.0	0.0	0.0
28	669	Capital Plaza Dr	7.7	0.0	59.5	0.0	0.0	0.0	0.0
29	3129	West Blvd	38.0	0.0	56.1	0.3	0.0	0.0	9.7
<b>Total</b>	<b>44,021</b>		<b>585.7</b>	<b>1.0</b>	<b>51.2</b>	<b>36.0</b>	<b>2.0</b>	<b>93.3</b>	<b>279.0</b>

Stats based on 3 BEFORE runs.  
 Stops based on a Stop Speed of 5 MPH.

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 AM SB Study**  
 Study Date : **11/14/2013**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

*US-31 AM-SB-001 t*  
*US-31 AM-SB-002 t*  
*US-31 AM-SB-003 t*

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	15	17	18
3	726	Dozier Ave	14	14	14
4	1073	Smith Ave	19	17	20
5	551	Paige Ct	10	8	8
6	485	Stonewall Dr	8	7	8
7	348	Old Hwy 31	6	5	6
8	3457	Overlook Dr	51	48	48
9	1486	Doster Rd	18	20	17
10	1115	Sheila Blvd	14	15	31
11	2131	US-82	26	57	31
12	881	Longview Heights Rd	12	21	12
13	979	Hare Cir	12	14	11
14	1938	McQueen Smith Rd S	24	26	21
15	1116	Candlestick Way	14	13	12
16	1837	Scenic Dr	23	21	19
17	578	CR-4	8	8	6
18	10134	2nd St	121	124	109
19	537	1st St	6	6	5
20	632	Reese Ferry Rd	7	8	6
21	1346	Hunter Loop Rd	38	17	18
22	1158	Phillips St	19	14	14
23	534	Washington Ferry Rd	7	6	6
24	1422	Anthony St	17	17	16
25	2226	Embassy Dr	25	26	24
26	534	Twin Lakes Pkwy	6	7	6
27	2262	Industrial Dr	26	26	26
28	669	Capital Plaza Dr	8	8	7
29	3129	West Blvd	37	40	37
Totals	44021		591	610	556

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 AM SB Study**  
 Study Date : **11/14/2013**  
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### Detailed Statistics By Run

#### Average Speed (MPH) by Section

US-31 AM-SB-001 t  
 US-31 AM-SB-002 t  
 US-31 AM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	33.5	30.1	29.5
3	726	Dozier Ave	37.7	37.1	33.8
4	1073	Smith Ave	37.8	43.4	38.3
5	551	Paige Ct	39.6	46.6	42.3
6	485	Stonewall Dr	40.3	47.3	41.6
7	348	Old Hwy 31	42.0	48.0	44.0
8	3457	Overlook Dr	45.6	49.1	49.3
9	1486	Doster Rd	56.3	49.9	60.2
10	1115	Sheila Blvd	54.4	49.7	23.7
11	2131	US-82	55.7	25.5	46.4
12	881	Longview Heights Rd	53.8	30.0	52.1
13	979	Hare Cir	53.8	45.4	58.3
14	1938	McQueen Smith Rd S	55.2	52.0	62.9
15	1116	Candlestick Way	55.3	57.2	67.0
16	1837	Scenic Dr	54.6	59.2	66.0
17	578	CR-4	46.0	52.8	57.8
18	10134	2nd St	57.2	55.6	63.7
19	537	1st St	61.0	58.5	68.4
20	632	Reese Ferry Rd	61.1	56.5	67.0
21	1346	Hunter Loop Rd	24.2	54.7	53.5
22	1158	Phillips St	42.4	57.5	56.4
23	534	Washington Ferry Rd	51.3	57.7	58.8
24	1422	Anthony St	57.0	57.4	60.5
25	2226	Embassy Dr	61.6	58.0	63.1
26	534	Twin Lakes Pkwy	61.0	56.9	62.7
27	2262	Industrial Dr	59.3	59.2	59.8
28	669	Capital Plaza Dr	56.9	56.3	60.4
29	3129	West Blvd	57.0	52.9	57.5
<b>Totals</b>	<b>44021</b>		<b>50.9</b>	<b>49.3</b>	<b>54.0</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 AM SB Study**  
 Study Date : **11/14/2013**  
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### Detailed Statistics By Run

#### Total Delay (sec) by Section

*US-31 AM-SB-001 t*  
*US-31 AM-SB-002 t*  
*US-31 AM-SB-003 t*

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	4	6	6
3	726	Dozier Ave	2	2	3
4	1073	Smith Ave	2	0	3
5	551	Paige Ct	1	0	0
6	485	Stonewall Dr	0	0	1
7	348	Old Hwy 31	0	0	0
8	3457	Overlook Dr	0	0	0
9	1486	Doster Rd	0	0	0
10	1115	Sheila Blvd	0	0	14
11	2131	US-82	0	25	0
12	881	Longview Heights Rd	0	9	0
13	979	Hare Cir	0	2	0
14	1938	McQueen Smith Rd S	0	1	0
15	1116	Candlestick Way	0	0	0
16	1837	Scenic Dr	0	0	0
17	578	CR-4	1	0	0
18	10134	2nd St	0	0	0
19	537	1st St	0	0	0
20	632	Reese Ferry Rd	0	0	0
21	1346	Hunter Loop Rd	21	0	0
22	1158	Phillips St	4	0	0
23	534	Washington Ferry Rd	0	0	0
24	1422	Anthony St	0	0	0
25	2226	Embassy Dr	0	0	0
26	534	Twin Lakes Pkwy	0	0	0
27	2262	Industrial Dr	0	0	0
28	669	Capital Plaza Dr	0	0	0
29	3129	West Blvd	0	1	0
Totals	44021		35	46	27

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 AM SB Study**  
 Study Date : **11/14/2013**  
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### Detailed Statistics By Run

#### Time <= 0 MPH by Section

*US-31 AM-SB-001 t*  
*US-31 AM-SB-002 t*  
*US-31 AM-SB-003 t*

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	0	0	0
3	726	Dozier Ave	0	0	0
4	1073	Smith Ave	0	0	0
5	551	Paige Ct	0	0	0
6	485	Stonewall Dr	0	0	0
7	348	Old Hwy 31	0	0	0
8	3457	Overlook Dr	0	0	0
9	1486	Doster Rd	0	0	0
10	1115	Sheila Blvd	0	0	2
11	2131	US-82	0	4	0
12	881	Longview Heights Rd	0	0	0
13	979	Hare Cir	0	0	0
14	1938	McQueen Smith Rd S	0	0	0
15	1116	Candlestick Way	0	0	0
16	1837	Scenic Dr	0	0	0
17	578	CR-4	0	0	0
18	10134	2nd St	0	0	0
19	537	1st St	0	0	0
20	632	Reese Ferry Rd	0	0	0
21	1346	Hunter Loop Rd	0	0	0
22	1158	Phillips St	0	0	0
23	534	Washington Ferry Rd	0	0	0
24	1422	Anthony St	0	0	0
25	2226	Embassy Dr	0	0	0
26	534	Twin Lakes Pkwy	0	0	0
27	2262	Industrial Dr	0	0	0
28	669	Capital Plaza Dr	0	0	0
29	3129	West Blvd	0	0	0
<b>Totals</b>	<b>44021</b>		<b>0</b>	<b>4</b>	<b>2</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 AM SB Study**  
 Study Date : **11/14/2013**  
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### Detailed Statistics By Run

#### Time <= 40 MPH by Section

US-31 AM-SB-001 t  
 US-31 AM-SB-002 t  
 US-31 AM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	15	17	18
3	726	Dozier Ave	14	14	14
4	1073	Smith Ave	19	4	20
5	551	Paige Ct	5	0	0
6	485	Stonewall Dr	4	0	0
7	348	Old Hwy 31	0	0	0
8	3457	Overlook Dr	12	0	0
9	1486	Doster Rd	0	0	0
10	1115	Sheila Blvd	0	0	22
11	2131	US-82	0	37	6
12	881	Longview Heights Rd	0	21	0
13	979	Hare Cir	0	1	0
14	1938	McQueen Smith Rd S	0	0	0
15	1116	Candlestick Way	0	0	0
16	1837	Scenic Dr	0	0	0
17	578	CR-4	0	0	0
18	10134	2nd St	0	0	0
19	537	1st St	0	0	0
20	632	Reese Ferry Rd	0	0	0
21	1346	Hunter Loop Rd	31	0	0
22	1158	Phillips St	6	0	0
23	534	Washington Ferry Rd	0	0	0
24	1422	Anthony St	0	0	0
25	2226	Embassy Dr	0	0	0
26	534	Twin Lakes Pkwy	0	0	0
27	2262	Industrial Dr	0	0	0
28	669	Capital Plaza Dr	0	0	0
29	3129	West Blvd	0	0	0
<b>Totals</b>	<b>44021</b>		<b>106</b>	<b>94</b>	<b>80</b>



# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 AM SB Study**  
 Study Date : **11/14/2013**  
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### Detailed Statistics By Run

#### Time <= 55 MPH by Section

*US-31 AM-SB-001 t*  
*US-31 AM-SB-002 t*  
*US-31 AM-SB-003 t*

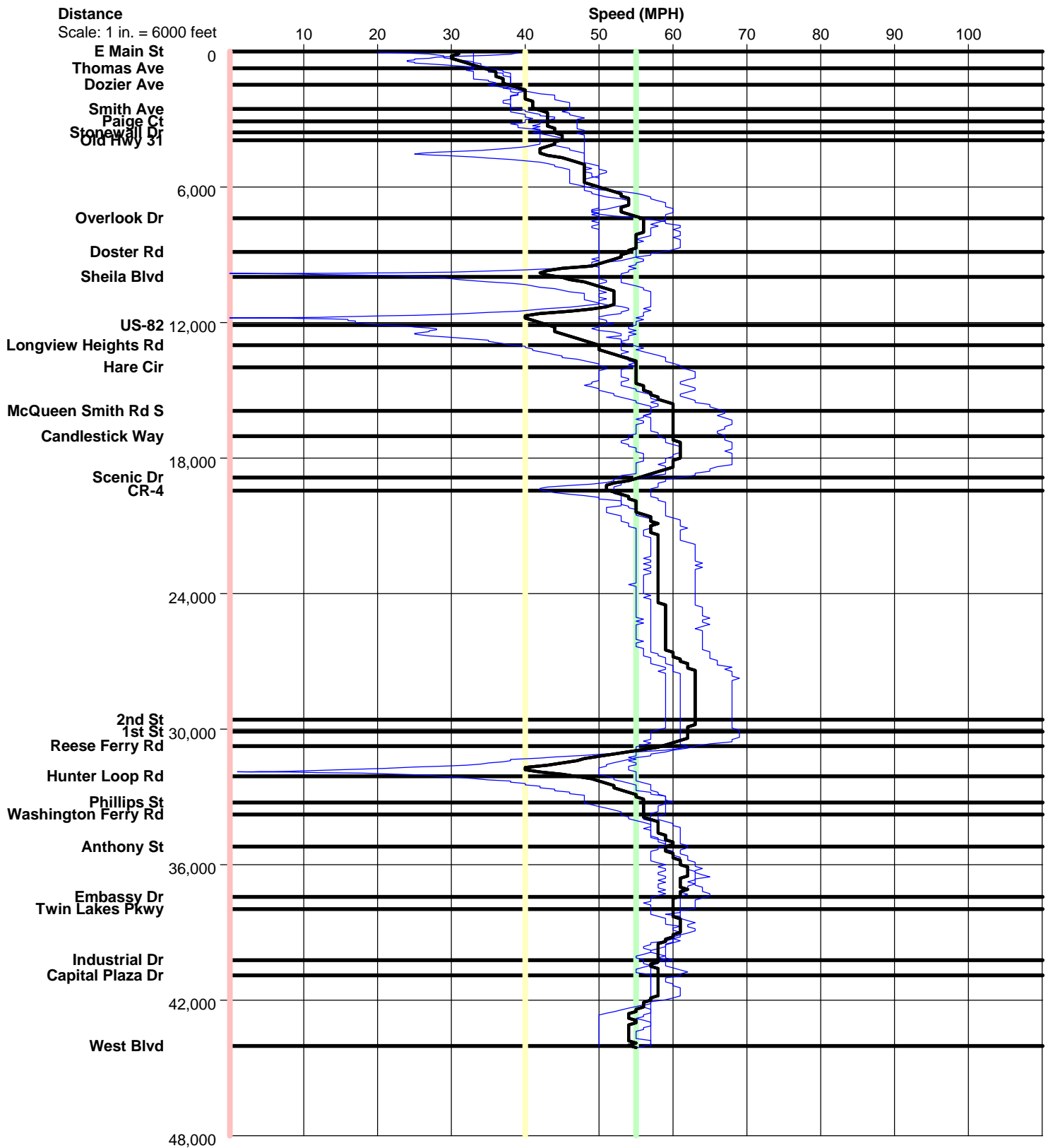
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	15	17	18
3	726	Dozier Ave	14	14	14
4	1073	Smith Ave	19	17	20
5	551	Paige Ct	10	8	8
6	485	Stonewall Dr	8	7	8
7	348	Old Hwy 31	6	5	6
8	3457	Overlook Dr	38	48	46
9	1486	Doster Rd	3	20	0
10	1115	Sheila Blvd	10	15	29
11	2131	US-82	5	57	31
12	881	Longview Heights Rd	12	21	11
13	979	Hare Cir	12	14	0
14	1938	McQueen Smith Rd S	12	20	0
15	1116	Candlestick Way	6	0	0
16	1837	Scenic Dr	10	0	0
17	578	CR-4	8	7	0
18	10134	2nd St	11	51	0
19	537	1st St	0	0	0
20	632	Reese Ferry Rd	0	0	0
21	1346	Hunter Loop Rd	36	16	12
22	1158	Phillips St	19	1	4
23	534	Washington Ferry Rd	7	0	0
24	1422	Anthony St	2	0	0
25	2226	Embassy Dr	0	0	0
26	534	Twin Lakes Pkwy	0	0	0
27	2262	Industrial Dr	0	0	0
28	669	Capital Plaza Dr	0	0	0
29	3129	West Blvd	0	25	4
<b>Totals</b>	<b>44021</b>		<b>263</b>	<b>363</b>	<b>211</b>

# Congestion Management Plan Update

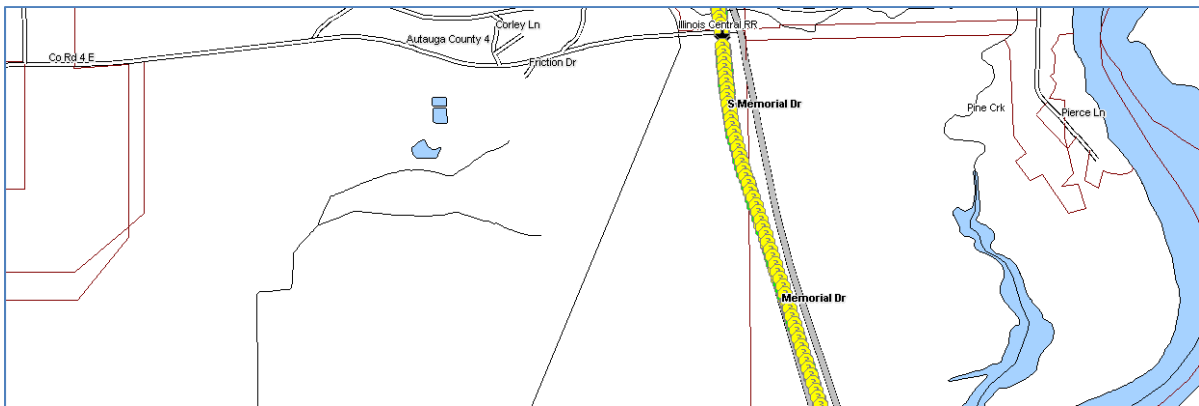
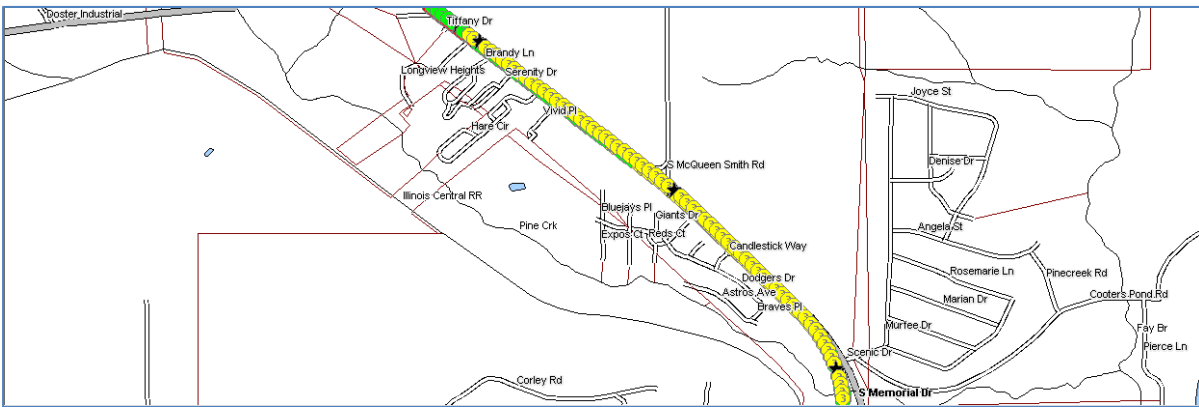
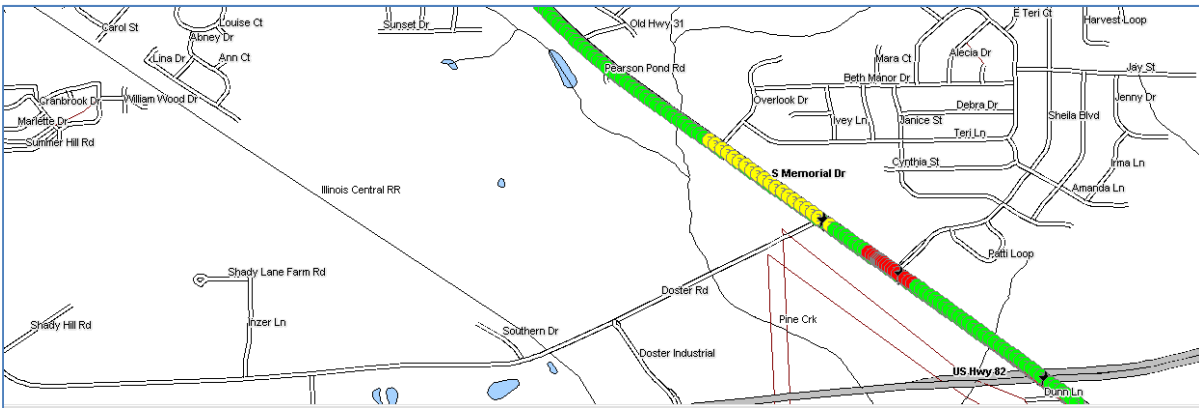
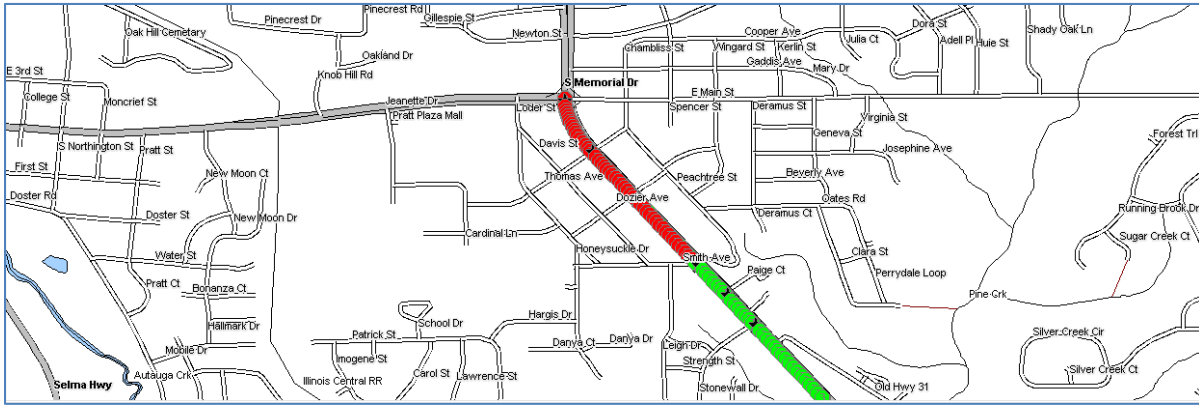
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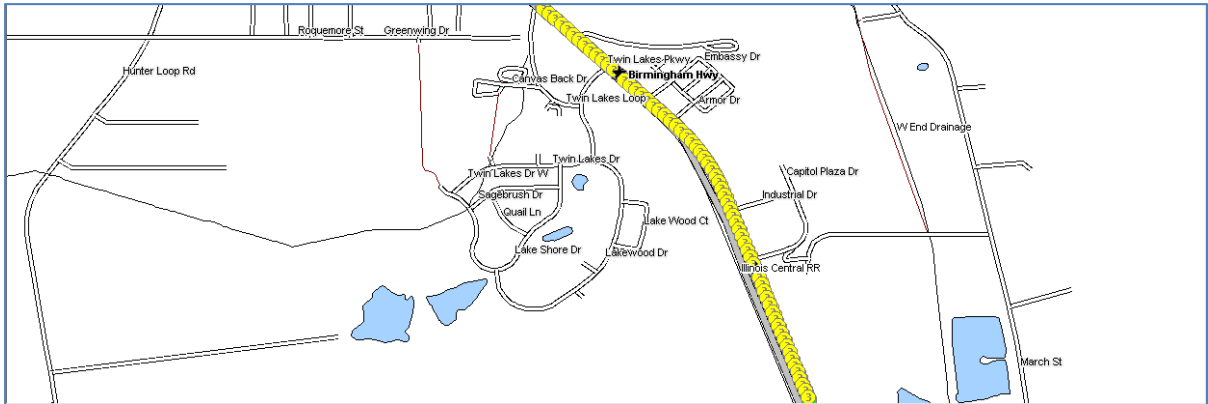
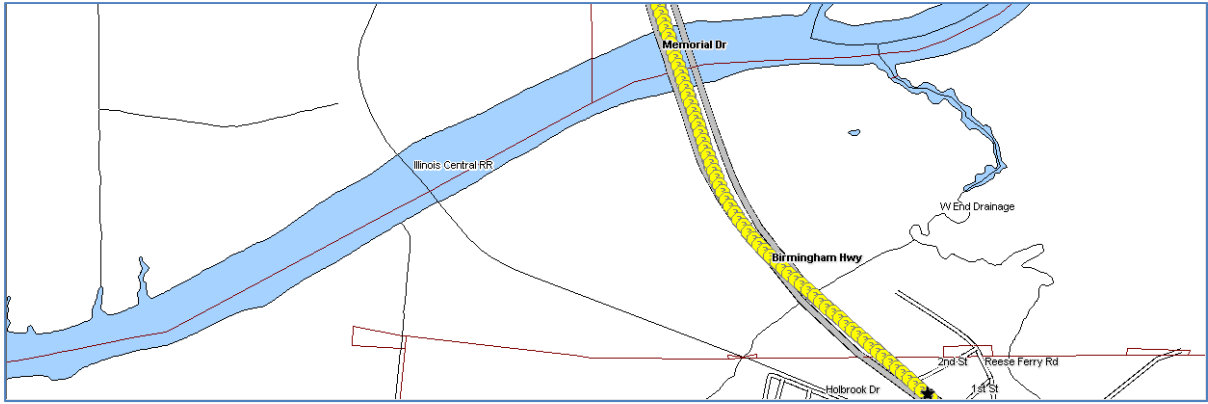
Study Name : **US-31 AM SB Study**  
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### Speed/Distance Profiles of All Runs



# US-31 AM SB





Color Code Speeds			
<span style="color: red;">■</span>	Speed 1	0	To 40
<span style="color: green;">■</span>	Speed 2	40	To 55
<span style="color: yellow;">■</span>	Speed 3	55	To 99