

**Congestion Management Plan Update**  
Montgomery MPO

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

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# Congestion Management Plan Update Montgomery MPO

Study Name : **US-31 OP SB Study**  
 Study Date : **11/13/2013**  
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## Study Summary

### Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
US-31 OP-SB-001 t	11/13/13	15:24	44020	Before	Secondary
US-31 OP-SB-002 t	11/14/13	10:24	43940	Before	Secondary
US-31 OP-SB-003 t	11/14/13	14:02	44019	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 OP SB Study**  
 Study Date : **11/13/2013**  
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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	18.7	0.0	26.9	7.3	0.0	18.7	18.7
3	726	Dozier Ave	12.7	0.0	39.1	1.7	0.0	6.0	12.7
4	1073	Smith Ave	17.3	0.0	42.2	1.0	0.0	5.7	17.3
5	551	Paige Ct	8.7	0.0	43.3	0.3	0.0	0.7	8.7
6	485	Stonewall Dr	7.3	0.0	45.1	0.0	0.0	0.3	7.3
7	348	Old Hwy 31	5.0	0.0	47.5	0.0	0.0	0.0	5.0
8	3457	Overlook Dr	48.3	0.0	48.8	0.0	0.0	0.0	48.3
9	1486	Doster Rd	20.7	0.0	49.0	0.0	0.0	0.0	20.7
10	1115	Sheila Blvd	15.3	0.0	49.6	0.0	0.0	0.0	15.3
11	2131	US-82	73.0	1.0	19.9	40.0	18.7	50.0	73.0
12	881	Longview Heights Rd	16.0	0.0	37.5	5.0	0.0	9.7	16.0
13	979	Hare Cir	13.7	0.0	48.8	1.3	0.0	0.0	11.7
14	1938	McQueen Smith Rd S	24.0	0.0	55.1	1.0	0.0	0.0	9.3
15	1116	Candlestick Way	13.3	0.0	57.1	0.0	0.0	0.0	5.0
16	1837	Scenic Dr	22.0	0.0	56.9	0.3	0.0	0.0	7.7
17	578	CR-4	7.3	0.0	53.7	0.3	0.0	0.0	4.7
18	10134	2nd St	120.7	0.0	57.3	0.0	0.0	0.0	6.3
19	537	1st St	6.0	0.0	61.0	0.0	0.0	0.0	0.0
20	632	Reese Ferry Rd	7.3	0.0	58.8	0.0	0.0	0.0	2.3
21	1346	Hunter Loop Rd	17.7	0.0	51.9	1.7	0.0	2.3	7.3
22	1158	Phillips St	14.7	0.0	53.8	1.0	0.0	1.3	6.0
23	534	Washington Ferry Rd	6.3	0.0	57.5	0.0	0.0	0.0	2.3
24	1422	Anthony St	16.3	0.0	59.4	0.0	0.0	0.0	1.0
25	2226	Embassy Dr	25.0	0.0	60.7	0.0	0.0	0.0	0.0
26	534	Twin Lakes Pkwy	6.0	0.0	60.7	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	8.3	0.0	54.7	0.0	0.0	0.0	0.0
29	3129	West Blvd	39.0	0.0	54.7	0.0	0.0	0.0	12.7
<b>Total</b>	<b>44,021</b>		<b>616.7</b>	<b>1.0</b>	<b>48.7</b>	<b>61.0</b>	<b>18.7</b>	<b>94.7</b>	<b>319.3</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 OP SB Study**  
 Study Date : **11/13/2013**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	21	17	18
3	726	Dozier Ave	15	12	11
4	1073	Smith Ave	19	17	16
5	551	Paige Ct	10	8	8
6	485	Stonewall Dr	8	7	7
7	348	Old Hwy 31	5	5	5
8	3457	Overlook Dr	48	49	48
9	1486	Doster Rd	21	20	21
10	1115	Sheila Blvd	16	15	15
11	2131	US-82	87	49	83
12	881	Longview Heights Rd	15	17	16
13	979	Hare Cir	14	14	13
14	1938	McQueen Smith Rd S	28	22	22
15	1116	Candlestick Way	15	12	13
16	1837	Scenic Dr	24	20	22
17	578	CR-4	8	7	7
18	10134	2nd St	121	120	121
19	537	1st St	6	6	6
20	632	Reese Ferry Rd	8	7	7
21	1346	Hunter Loop Rd	22	15	16
22	1158	Phillips St	18	13	13
23	534	Washington Ferry Rd	7	6	6
24	1422	Anthony St	17	16	16
25	2226	Embassy Dr	25	25	25
26	534	Twin Lakes Pkwy	6	6	6
27	2262	Industrial Dr	26	26	26
28	669	Capital Plaza Dr	8	8	9
29	3129	West Blvd	40	39	38
<b>Totals</b>	<b>44021</b>		<b>658</b>	<b>578</b>	<b>614</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 OP SB Study**  
 Study Date : **11/13/2013**  
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### Detailed Statistics By Run

#### Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	23.9	30.2	29.7
3	726	Dozier Ave	34.2	40.6	42.0
4	1073	Smith Ave	38.1	45.4	46.6
5	551	Paige Ct	40.5	46.9	47.9
6	485	Stonewall Dr	41.3	47.3	48.0
7	348	Old Hwy 31	42.2	47.6	48.0
8	3457	Overlook Dr	48.9	48.0	48.8
9	1486	Doster Rd	50.0	50.5	49.4
10	1115	Sheila Blvd	46.9	50.5	48.9
11	2131	US-82	16.6	29.1	17.5
12	881	Longview Heights Rd	40.5	34.6	36.8
13	979	Hare Cir	46.1	50.7	51.8
14	1938	McQueen Smith Rd S	48.4	60.1	60.3
15	1116	Candlestick Way	50.7	63.3	58.8
16	1837	Scenic Dr	52.1	62.5	57.6
17	578	CR-4	46.4	56.6	54.7
18	10134	2nd St	57.5	57.8	57.2
19	537	1st St	58.3	61.0	60.5
20	632	Reese Ferry Rd	53.4	61.3	61.0
21	1346	Hunter Loop Rd	41.0	61.1	60.4
22	1158	Phillips St	45.9	61.0	59.9
23	534	Washington Ferry Rd	51.7	61.0	59.8
24	1422	Anthony St	57.4	60.9	60.3
25	2226	Embassy Dr	60.2	61.0	60.2
26	534	Twin Lakes Pkwy	60.0	61.0	60.0
27	2262	Industrial Dr	58.8	59.4	58.8
28	669	Capital Plaza Dr	56.5	57.0	56.7
29	3129	West Blvd	54.6	53.5	56.5
<b>Totals</b>	<b>44021</b>		<b>45.7</b>	<b>52.0</b>	<b>49.0</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 OP SB Study**  
 Study Date : **11/13/2013**  
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### Detailed Statistics By Run

#### Total Delay (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	10	6	6
3	726	Dozier Ave	4	1	0
4	1073	Smith Ave	3	0	0
5	551	Paige Ct	1	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	0
11	2131	US-82	54	16	50
12	881	Longview Heights Rd	4	6	5
13	979	Hare Cir	2	1	1
14	1938	McQueen Smith Rd S	3	0	0
15	1116	Candlestick Way	0	0	0
16	1837	Scenic Dr	1	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	5	0	0
22	1158	Phillips St	3	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>91</b>	<b>30</b>	<b>62</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 OP SB Study**  
 Study Date : **11/13/2013**  
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### Detailed Statistics By Run

#### Time <= 0 MPH by Section

*US-31 OP-SB-001 t*  
*US-31 OP-SB-002 t*  
*US-31 OP-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	0
11	2131	US-82	26	5	25
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
Totals	44021		26	5	25

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 OP SB Study**  
 Study Date : **11/13/2013**  
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### Detailed Statistics By Run

#### Time <= 40 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	21	17	18
3	726	Dozier Ave	15	3	0
4	1073	Smith Ave	17	0	0
5	551	Paige Ct	2	0	0
6	485	Stonewall Dr	1	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	0
11	2131	US-82	63	27	60
12	881	Longview Heights Rd	6	12	11
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	7	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	0	0
<b>Totals</b>	<b>44021</b>		<b>136</b>	<b>59</b>	<b>89</b>



# Congestion Management Plan Update

## Montgomery MPO

Study Name : **US-31 OP SB Study**  
 Study Date : **11/13/2013**  
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### Detailed Statistics By Run

#### Time <= 55 MPH by Section

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

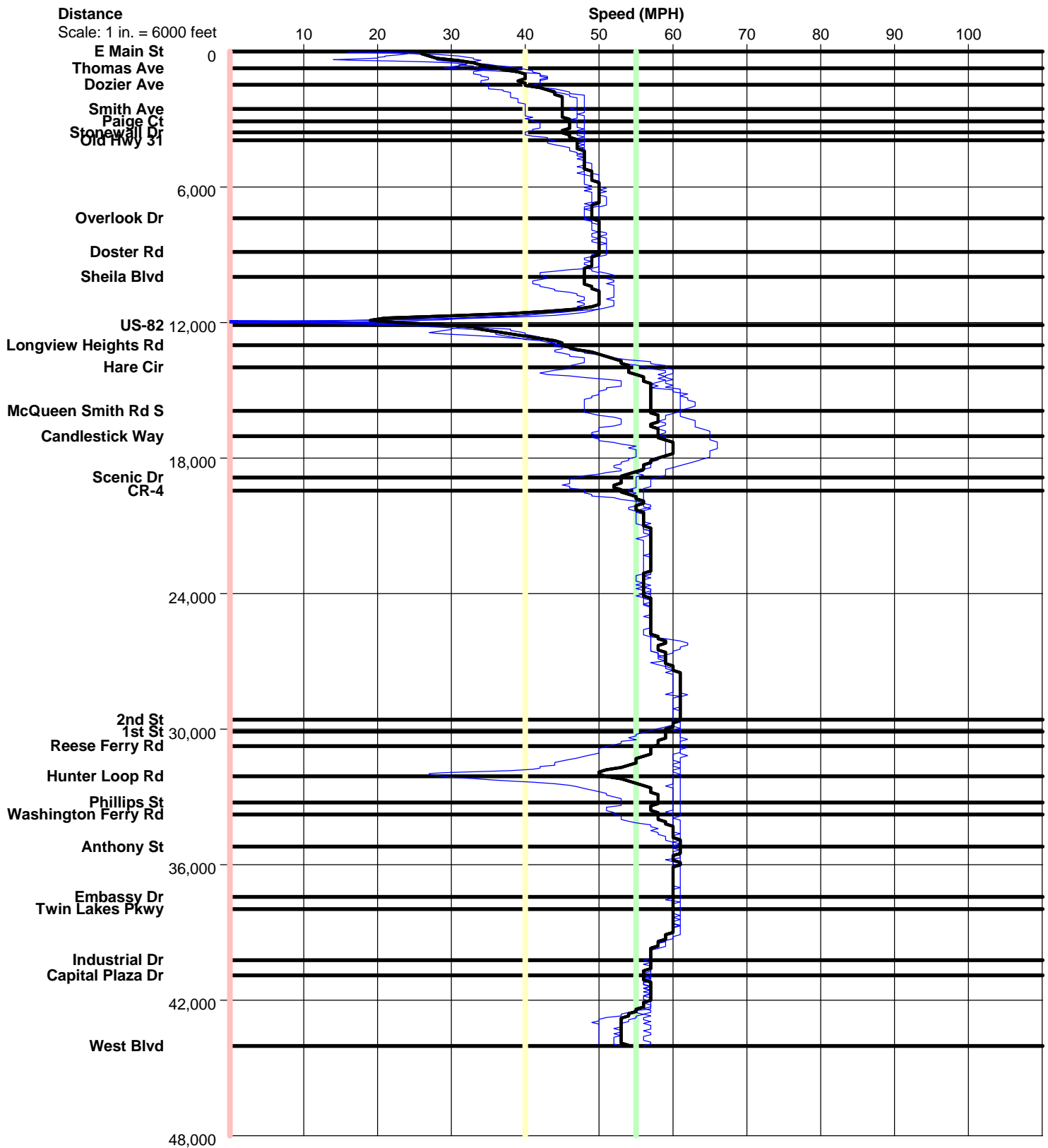
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	E Main St			
2	737	Thomas Ave	21	17	18
3	726	Dozier Ave	15	12	11
4	1073	Smith Ave	19	17	16
5	551	Paige Ct	10	8	8
6	485	Stonewall Dr	8	7	7
7	348	Old Hwy 31	5	5	5
8	3457	Overlook Dr	48	49	48
9	1486	Doster Rd	21	20	21
10	1115	Sheila Blvd	16	15	15
11	2131	US-82	87	49	83
12	881	Longview Heights Rd	15	17	16
13	979	Hare Cir	14	12	9
14	1938	McQueen Smith Rd S	28	0	0
15	1116	Candlestick Way	15	0	0
16	1837	Scenic Dr	23	0	0
17	578	CR-4	8	0	6
18	10134	2nd St	6	0	13
19	537	1st St	0	0	0
20	632	Reese Ferry Rd	7	0	0
21	1346	Hunter Loop Rd	22	0	0
22	1158	Phillips St	18	0	0
23	534	Washington Ferry Rd	7	0	0
24	1422	Anthony St	3	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	18	20	0
<b>Totals</b>	<b>44021</b>		<b>434</b>	<b>248</b>	<b>276</b>

# Congestion Management Plan Update

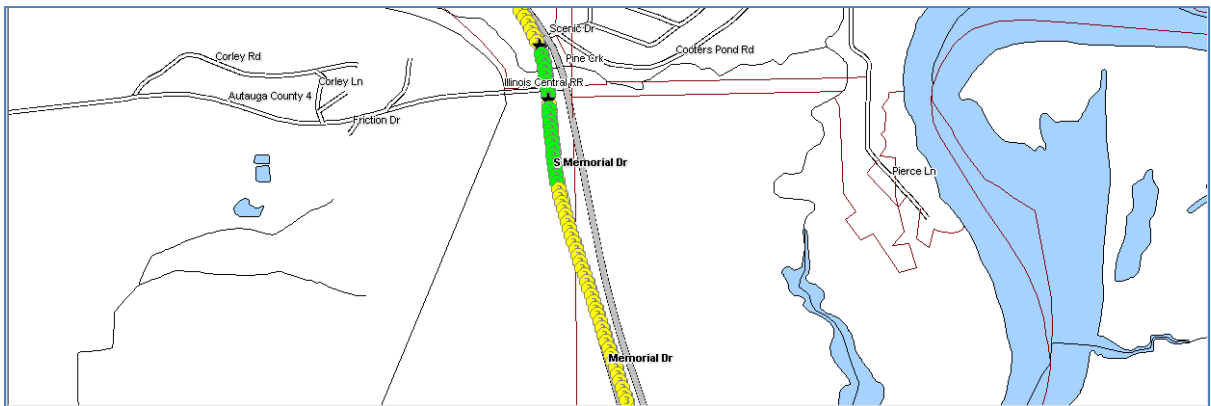
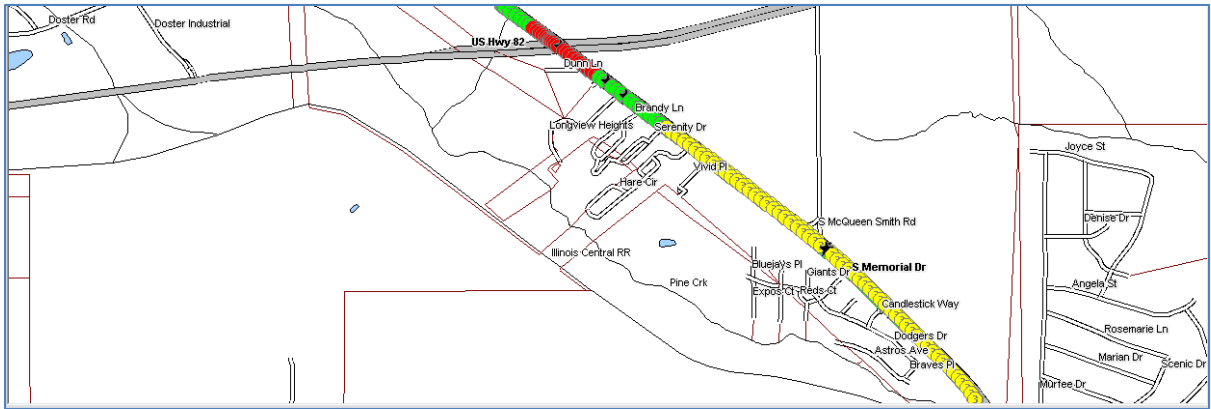
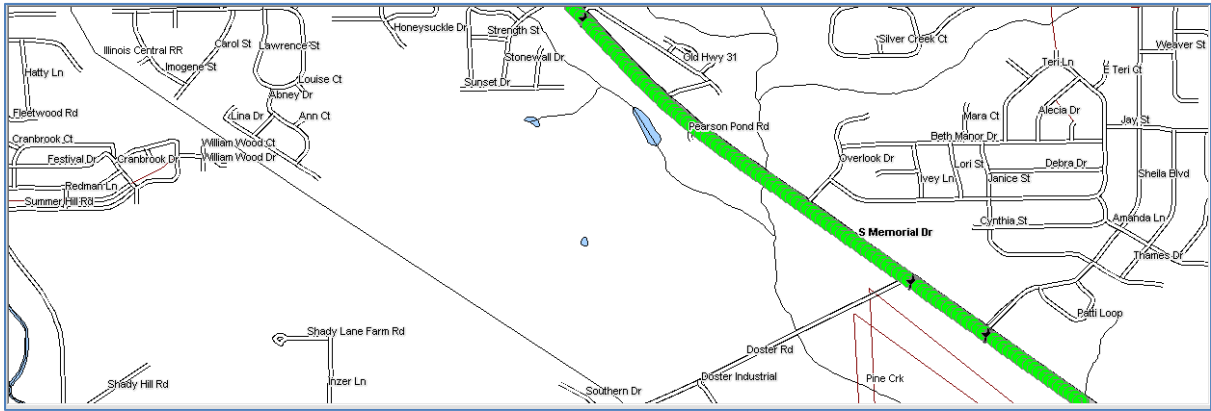
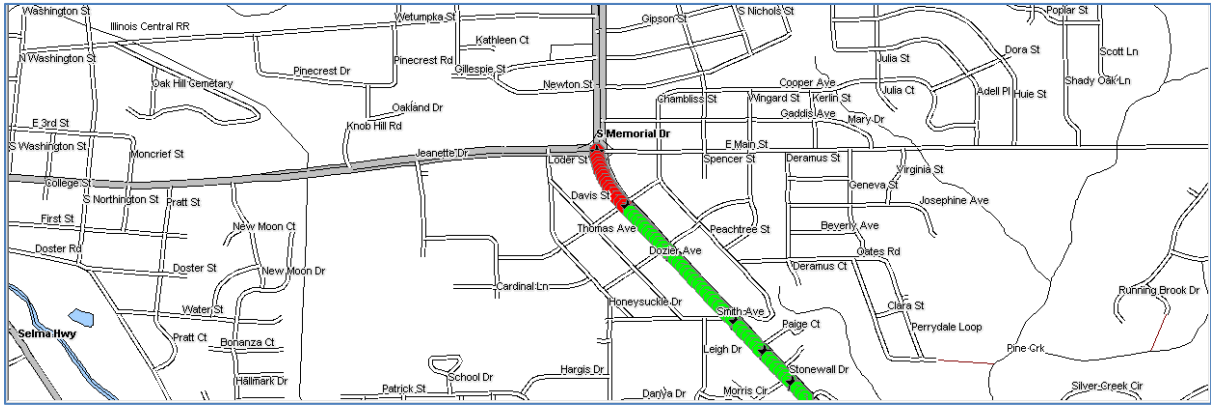
## Montgomery MPO

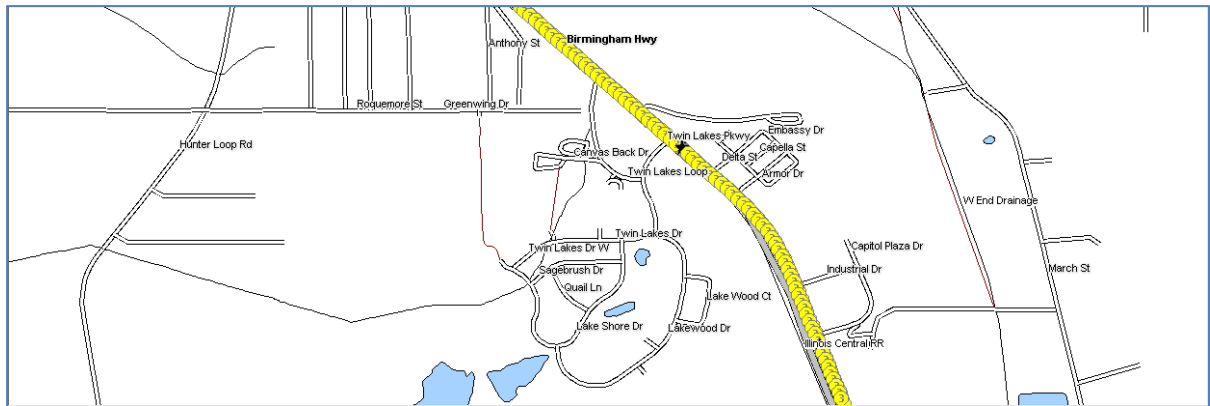
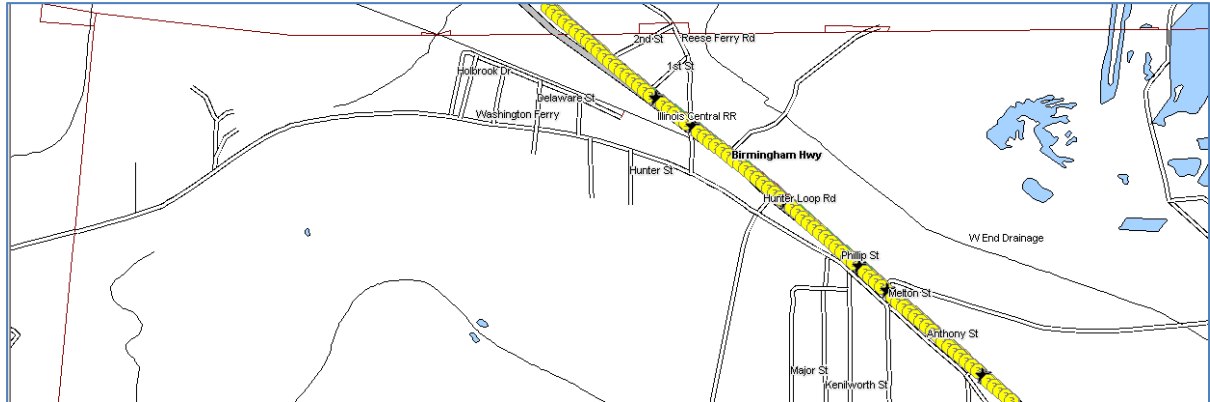
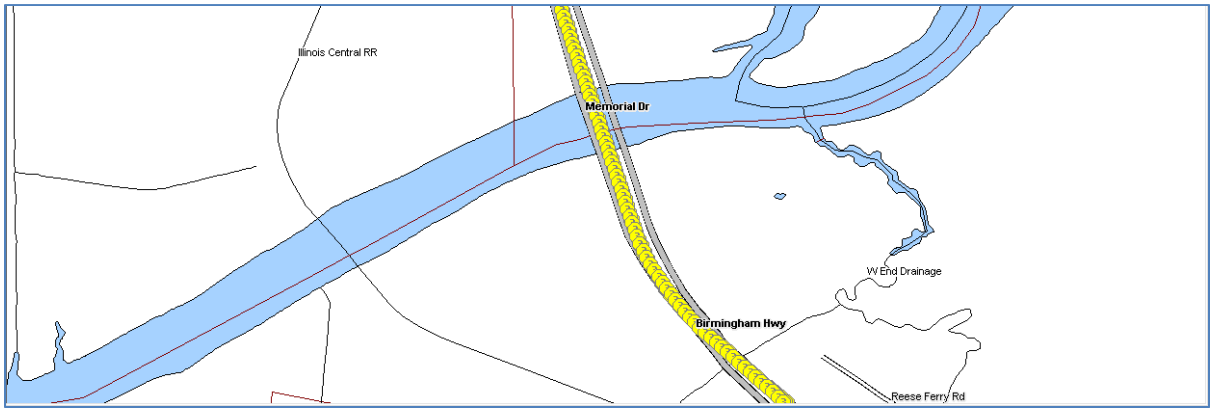
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### Speed/Distance Profiles of All Runs



US-31 OP SB





Color Code Speeds

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