

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: US-31 OP NB Study

<u>Report Name</u>	<u>Page</u>
Study Summary	2
Overall Output Statistics	3
Detailed Statistics By Run - Travel Times	4
Detailed Statistics By Run - Average Speed	5
Detailed Statistics By Run - Total Delay	6
Detailed Statistics By Run - Time <= 0 MPH	7
Detailed Statistics By Run - Time <= 40 MPH	8
Detailed Statistics By Run - Time <= 55 MPH	9
Speed/Distance Profiles of All Runs	10

Congestion Management Plan Update Montgomery MPO

Study Name : **US-31 OP NB Study**
 Study Date : **11/13/2013**
 Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
US-31 OP-NB-001 t	11/13/13	15:41	43963	Before	Secondary
US-31 OP-NB-002 t	11/14/13	10:39	44016	Before	Secondary
US-31 OP-NB-003 t	11/14/13	14:17	43958	Before	Secondary

Notes:

Node Info

#	Len	Name
1	0	West Blvd
2	3139	Capital Plaza Dr
3	730	Industrial Dr
4	2273	Twin Lakes Pkwy
5	514	Embassy Dr
6	2240	Anthony St
7	1476	Washington Ferry Rd
8	524	Phillips St
9	1194	Hunter Loop Rd
10	1270	Reese Ferry Rd
11	640	1st St
12	568	2nd St
13	9999	CR-4
14	627	Scenic Dr
15	1828	Candlestick Way
16	1124	McQueen Smith Rd S
17	1917	Hare Cir
18	1068	Longview Heights Rd
19	799	US-82
20	2177	Sheila Blvd
21	1133	Doster Rd
22	1494	Overlook Dr
23	3424	Old Hwy 31
24	285	Stonewall Dr
25	489	Paige Ct
26	558	Smith Ave
27	1104	Dozier Ave
28	691	Thomas Ave
29	731	E Main St

Length of Study Route = 44,016 feet

Congestion Management Plan Update

Montgomery MPO

Study Name : **US-31 OP NB Study**

Study Date : **11/13/2013**

Page No. : **3**

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	West Blvd							
2	3139	Capital Plaza Dr	43.0	0.0	49.8	3.3	0.0	5.3	24.0
3	730	Industrial Dr	9.0	0.0	55.3	0.3	0.0	0.0	3.3
4	2273	Twin Lakes Pkwy	27.3	0.0	56.7	0.7	0.0	0.0	6.7
5	514	Embassy Dr	6.3	0.0	55.3	0.3	0.0	0.0	1.7
6	2240	Anthony St	25.3	0.0	60.3	0.0	0.0	0.0	0.0
7	1476	Washington Ferry Rd	16.7	0.0	60.4	0.0	0.0	0.0	0.0
8	524	Phillips St	6.0	0.0	59.5	0.0	0.0	0.0	0.0
9	1194	Hunter Loop Rd	16.0	0.0	50.9	2.0	0.0	3.7	6.0
10	1270	Reese Ferry Rd	17.0	0.0	50.9	2.0	0.0	3.7	5.3
11	640	1st St	7.7	0.0	56.9	0.0	0.0	0.0	2.7
12	568	2nd St	6.7	0.0	58.1	0.0	0.0	0.0	1.7
13	9999	CR-4	121.3	0.0	56.2	0.0	0.0	0.0	15.3
14	627	Scenic Dr	9.3	0.0	45.8	1.0	0.0	2.7	9.3
15	1828	Candlestick Way	22.0	0.0	56.7	0.7	0.0	0.0	8.0
16	1124	McQueen Smith Rd S	13.3	0.0	57.5	0.0	0.0	0.0	2.3
17	1917	Hare Cir	23.0	0.0	56.8	0.3	0.0	0.0	5.7
18	1068	Longview Heights Rd	14.0	0.0	52.0	1.0	0.0	0.0	9.7
19	799	US-82	28.0	0.3	19.5	17.7	4.0	24.0	28.0
20	2177	Sheila Blvd	34.0	0.3	43.7	2.0	0.3	6.7	31.3
21	1133	Doster Rd	15.0	0.0	51.5	0.0	0.0	1.7	9.7
22	1494	Overlook Dr	18.7	0.0	54.6	0.0	0.0	0.0	7.3
23	3424	Old Hwy 31	46.7	0.0	50.0	0.0	0.0	2.7	38.7
24	285	Stonewall Dr	4.7	0.0	41.6	0.0	0.0	0.0	4.7
25	489	Paige Ct	7.3	0.0	45.5	0.3	0.0	2.3	7.3
26	558	Smith Ave	8.7	0.0	43.9	0.3	0.0	0.0	8.7
27	1104	Dozier Ave	17.7	0.0	42.6	1.0	0.0	4.3	17.7
28	691	Thomas Ave	11.7	0.0	40.4	1.0	0.0	8.0	11.7
29	731	E Main St	56.3	1.0	8.8	45.3	18.0	55.0	55.7
Total	44,016		632.7	1.7	47.4	79.3	22.3	120.0	322.3

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 NB Study**
 Study Date : **11/13/2013**
 Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	41	45	43
3	730	Industrial Dr	9	10	8
4	2273	Twin Lakes Pkwy	26	30	26
5	514	Embassy Dr	6	7	6
6	2240	Anthony St	25	26	25
7	1476	Washington Ferry Rd	17	17	16
8	524	Phillips St	6	6	6
9	1194	Hunter Loop Rd	13	21	14
10	1270	Reese Ferry Rd	15	22	14
11	640	1st St	7	8	8
12	568	2nd St	6	7	7
13	9999	CR-4	121	122	121
14	627	Scenic Dr	9	8	11
15	1828	Candlestick Way	20	21	25
16	1124	McQueen Smith Rd S	13	13	14
17	1917	Hare Cir	22	22	25
18	1068	Longview Heights Rd	14	13	15
19	799	US-82	52	17	15
20	2177	Sheila Blvd	32	39	31
21	1133	Doster Rd	14	17	14
22	1494	Overlook Dr	21	17	18
23	3424	Old Hwy 31	49	42	49
24	285	Stonewall Dr	5	4	5
25	489	Paige Ct	7	7	8
26	558	Smith Ave	9	8	9
27	1104	Dozier Ave	17	16	20
28	691	Thomas Ave	13	10	12
29	731	E Main St	46	63	60
Totals	44016		635	638	625

Congestion Management Plan Update

Montgomery MPO

Study Name : **US-31 OP NB Study**
 Study Date : **11/13/2013**
 Page No. : **5**

Detailed Statistics By Run

Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	53.4	47.5	50.6
3	730	Industrial Dr	56.8	49.8	57.4
4	2273	Twin Lakes Pkwy	59.1	51.6	59.9
5	514	Embassy Dr	60.3	50.3	61.0
6	2240	Anthony St	60.1	58.9	61.0
7	1476	Washington Ferry Rd	60.1	59.1	61.0
8	524	Phillips St	60.0	59.3	61.0
9	1194	Hunter Loop Rd	60.2	38.8	59.6
10	1270	Reese Ferry Rd	60.9	39.3	60.5
11	640	1st St	60.9	54.8	55.1
12	568	2nd St	60.5	55.4	56.3
13	9999	CR-4	56.5	55.8	56.3
14	627	Scenic Dr	49.3	53.5	38.8
15	1828	Candlestick Way	60.2	59.3	49.8
16	1124	McQueen Smith Rd S	61.4	58.9	55.0
17	1917	Hare Cir	59.8	59.5	52.7
18	1068	Longview Heights Rd	48.9	56.2	47.6
19	799	US-82	11.0	32.1	37.4
20	2177	Sheila Blvd	46.9	38.0	47.4
21	1133	Doster Rd	52.2	45.4	57.4
22	1494	Overlook Dr	49.2	59.9	56.6
23	3424	Old Hwy 31	47.2	55.6	46.9
24	285	Stonewall Dr	43.6	48.3	41.8
25	489	Paige Ct	44.4	47.9	39.1
26	558	Smith Ave	45.6	47.8	42.2
27	1104	Dozier Ave	42.9	47.0	39.2
28	691	Thomas Ave	36.3	47.2	37.6
29	731	E Main St	10.1	8.0	7.7
Totals	44016		47.3	47.0	48.0

Congestion Management Plan Update

Montgomery MPO

Study Name : **US-31 OP NB Study**
 Study Date : **11/13/2013**
 Page No. : **6**

Detailed Statistics By Run

Total Delay (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	1	6	3
3	730	Industrial Dr	0	1	0
4	2273	Twin Lakes Pkwy	0	2	0
5	514	Embassy Dr	0	1	0
6	2240	Anthony St	0	0	0
7	1476	Washington Ferry Rd	0	0	0
8	524	Phillips St	0	0	0
9	1194	Hunter Loop Rd	0	6	0
10	1270	Reese Ferry Rd	0	6	0
11	640	1st St	0	0	0
12	568	2nd St	0	0	0
13	9999	CR-4	0	0	0
14	627	Scenic Dr	0	0	3
15	1828	Candlestick Way	0	0	2
16	1124	McQueen Smith Rd S	0	0	0
17	1917	Hare Cir	0	0	1
18	1068	Longview Heights Rd	1	0	2
19	799	US-82	41	7	5
20	2177	Sheila Blvd	0	6	0
21	1133	Doster Rd	0	0	0
22	1494	Overlook Dr	0	0	0
23	3424	Old Hwy 31	0	0	0
24	285	Stonewall Dr	0	0	0
25	489	Paige Ct	0	0	1
26	558	Smith Ave	0	0	1
27	1104	Dozier Ave	0	0	3
28	691	Thomas Ave	2	0	1
29	731	E Main St	35	52	49
Totals	44016		80	87	71

Congestion Management Plan Update

Montgomery MPO

Study Name : **US-31 OP NB Study**
 Study Date : **11/13/2013**
 Page No. : **7**

Detailed Statistics By Run

Time <= 0 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	0	0	0
3	730	Industrial Dr	0	0	0
4	2273	Twin Lakes Pkwy	0	0	0
5	514	Embassy Dr	0	0	0
6	2240	Anthony St	0	0	0
7	1476	Washington Ferry Rd	0	0	0
8	524	Phillips St	0	0	0
9	1194	Hunter Loop Rd	0	0	0
10	1270	Reese Ferry Rd	0	0	0
11	640	1st St	0	0	0
12	568	2nd St	0	0	0
13	9999	CR-4	0	0	0
14	627	Scenic Dr	0	0	0
15	1828	Candlestick Way	0	0	0
16	1124	McQueen Smith Rd S	0	0	0
17	1917	Hare Cir	0	0	0
18	1068	Longview Heights Rd	0	0	0
19	799	US-82	12	0	0
20	2177	Sheila Blvd	0	1	0
21	1133	Doster Rd	0	0	0
22	1494	Overlook Dr	0	0	0
23	3424	Old Hwy 31	0	0	0
24	285	Stonewall Dr	0	0	0
25	489	Paige Ct	0	0	0
26	558	Smith Ave	0	0	0
27	1104	Dozier Ave	0	0	0
28	691	Thomas Ave	0	0	0
29	731	E Main St	13	22	19
Totals	44016		25	23	19

Congestion Management Plan Update

Montgomery MPO

Study Name : **US-31 OP NB Study**
 Study Date : **11/13/2013**
 Page No. : **8**

Detailed Statistics By Run

Time <= 40 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	4	5	7
3	730	Industrial Dr	0	0	0
4	2273	Twin Lakes Pkwy	0	0	0
5	514	Embassy Dr	0	0	0
6	2240	Anthony St	0	0	0
7	1476	Washington Ferry Rd	0	0	0
8	524	Phillips St	0	0	0
9	1194	Hunter Loop Rd	0	11	0
10	1270	Reese Ferry Rd	0	11	0
11	640	1st St	0	0	0
12	568	2nd St	0	0	0
13	9999	CR-4	0	0	0
14	627	Scenic Dr	0	0	8
15	1828	Candlestick Way	0	0	0
16	1124	McQueen Smith Rd S	0	0	0
17	1917	Hare Cir	0	0	0
18	1068	Longview Heights Rd	0	0	0
19	799	US-82	50	10	12
20	2177	Sheila Blvd	0	16	4
21	1133	Doster Rd	0	5	0
22	1494	Overlook Dr	0	0	0
23	3424	Old Hwy 31	0	0	8
24	285	Stonewall Dr	0	0	0
25	489	Paige Ct	0	0	7
26	558	Smith Ave	0	0	0
27	1104	Dozier Ave	0	0	13
28	691	Thomas Ave	12	0	12
29	731	E Main St	45	61	59
Totals	44016		111	119	130

Congestion Management Plan Update

Montgomery MPO

Study Name : **US-31 OP NB Study**
 Study Date : **11/13/2013**
 Page No. : **9**

Detailed Statistics By Run

Time <= 55 MPH by Section

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

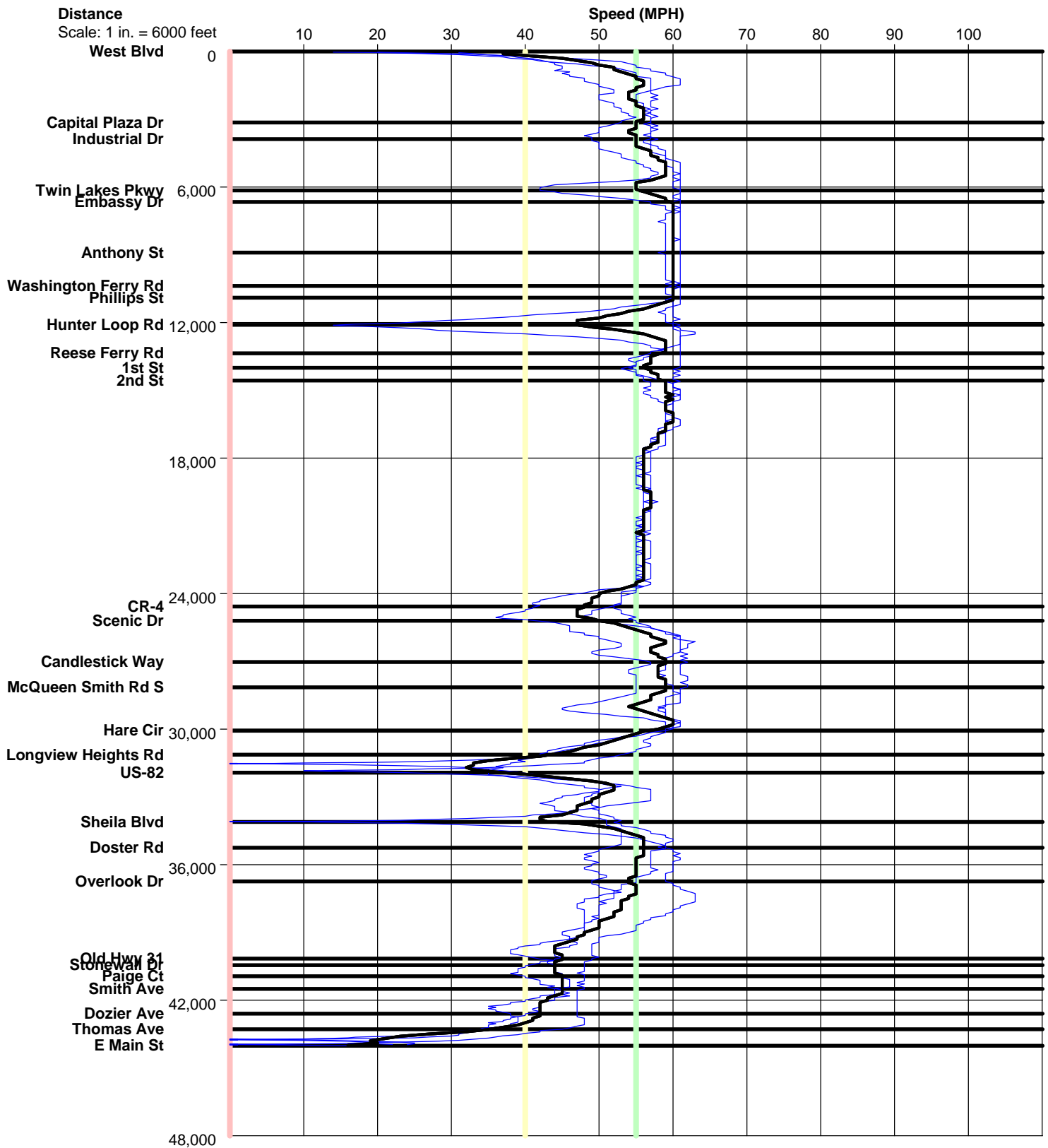
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	11	45	16
3	730	Industrial Dr	0	10	0
4	2273	Twin Lakes Pkwy	0	20	0
5	514	Embassy Dr	0	5	0
6	2240	Anthony St	0	0	0
7	1476	Washington Ferry Rd	0	0	0
8	524	Phillips St	0	0	0
9	1194	Hunter Loop Rd	0	18	0
10	1270	Reese Ferry Rd	0	16	0
11	640	1st St	0	6	2
12	568	2nd St	0	2	3
13	9999	CR-4	12	20	14
14	627	Scenic Dr	9	8	11
15	1828	Candlestick Way	1	0	23
16	1124	McQueen Smith Rd S	0	0	7
17	1917	Hare Cir	0	0	17
18	1068	Longview Heights Rd	12	3	14
19	799	US-82	52	17	15
20	2177	Sheila Blvd	32	31	31
21	1133	Doster Rd	14	12	3
22	1494	Overlook Dr	21	0	1
23	3424	Old Hwy 31	49	18	49
24	285	Stonewall Dr	5	4	5
25	489	Paige Ct	7	7	8
26	558	Smith Ave	9	8	9
27	1104	Dozier Ave	17	16	20
28	691	Thomas Ave	13	10	12
29	731	E Main St	45	63	59
Totals	44016		309	339	319

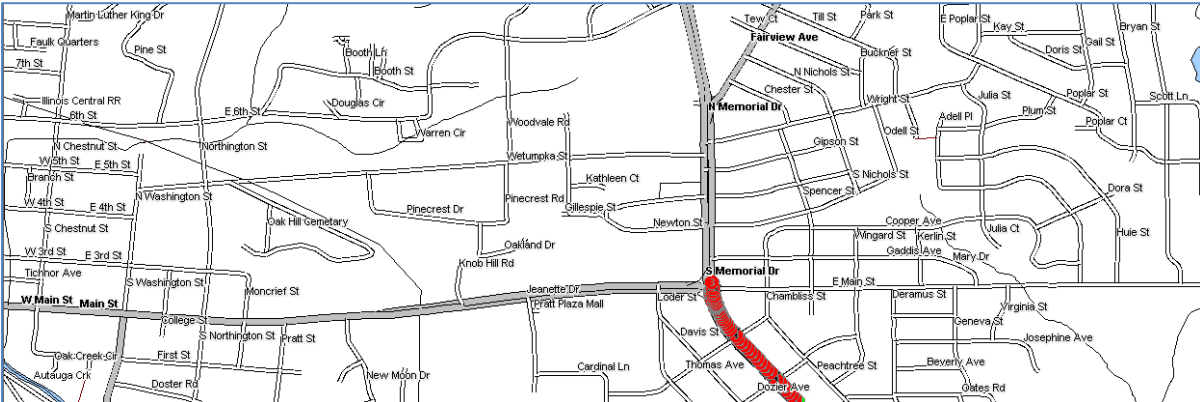
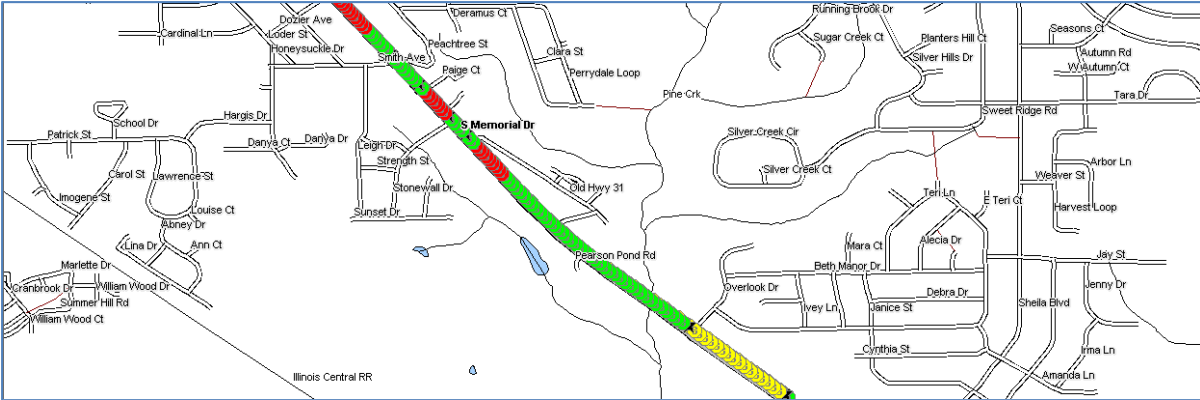
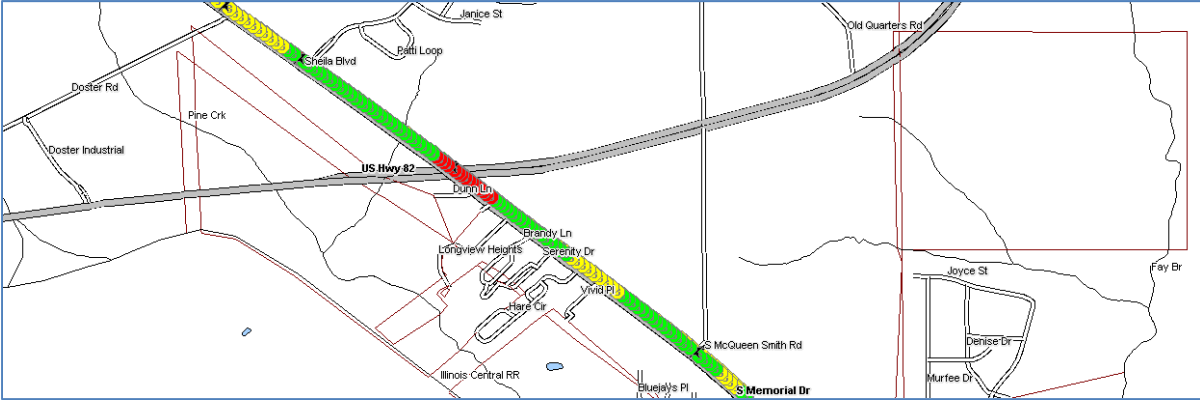
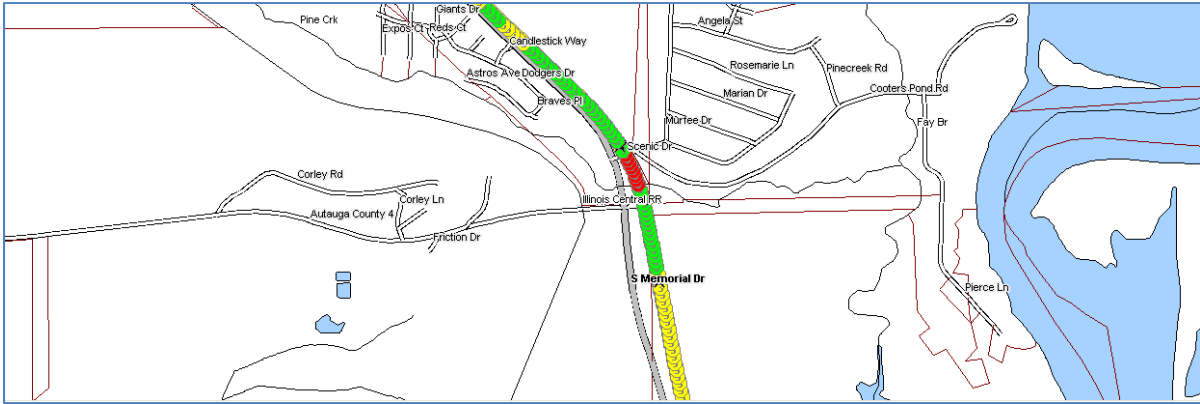
Congestion Management Plan Update

Montgomery MPO

Study Name : **US-31 OP NB Study**
 Study Date : **11/13/2013**
 Page No. : **10**

Speed/Distance Profiles of All Runs





Color Code Speeds

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