

Congestion Management Plan Update
Montgomery MPO

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

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Study Name : **US-31 PM NB Study**
 Study Date : **11/18/2013**
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Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
US-31 PM-NB-001 t	11/18/13	16:29	44114	Before	Secondary
US-31 PM-NB-002 t	11/18/13	17:02	43967	Before	Secondary
US-31 PM-NB-003 t	11/18/13	17:31	44009	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

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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	West Blvd							
2	3139	Capital Plaza Dr	40.0	0.0	53.5	1.3	0.0	3.7	13.3
3	730	Industrial Dr	8.0	0.0	62.2	0.0	0.0	0.0	0.0
4	2273	Twin Lakes Pkwy	25.0	0.0	62.0	0.0	0.0	0.0	0.0
5	514	Embassy Dr	5.7	0.0	61.8	0.0	0.0	0.0	0.0
6	2240	Anthony St	26.7	0.0	57.3	1.7	0.0	4.3	6.0
7	1476	Washington Ferry Rd	16.0	0.0	62.9	0.0	0.0	0.0	1.7
8	524	Phillips St	6.0	0.0	59.5	0.0	0.0	0.0	0.0
9	1194	Hunter Loop Rd	34.7	1.0	23.5	19.7	5.0	26.7	30.7
10	1270	Reese Ferry Rd	20.3	0.0	42.6	4.0	0.0	4.7	18.7
11	640	1st St	8.7	0.0	50.3	0.3	0.0	0.0	6.0
12	568	2nd St	6.7	0.0	58.1	0.0	0.0	0.0	4.7
13	9999	CR-4	123.7	0.0	55.1	5.0	0.0	2.0	64.7
14	627	Scenic Dr	8.7	0.0	49.3	1.0	0.0	1.3	6.0
15	1828	Candlestick Way	21.0	0.0	59.4	0.0	0.0	0.0	4.3
16	1124	McQueen Smith Rd S	13.7	0.0	56.1	0.7	0.0	0.0	4.7
17	1917	Hare Cir	22.3	0.0	58.5	0.3	0.0	0.0	6.0
18	1068	Longview Heights Rd	16.7	0.0	43.7	3.3	0.0	6.0	15.3
19	799	US-82	40.0	1.0	13.6	30.0	8.0	39.3	40.0
20	2177	Sheila Blvd	36.7	0.0	40.5	3.0	0.0	15.0	36.7
21	1133	Doster Rd	15.7	0.0	49.3	0.0	0.0	1.7	12.7
22	1494	Overlook Dr	19.7	0.0	51.8	0.0	0.0	0.0	17.3
23	3424	Old Hwy 31	47.3	0.0	49.3	0.0	0.0	2.7	41.0
24	285	Stonewall Dr	4.3	0.0	44.8	0.0	0.0	0.0	4.3
25	489	Paige Ct	7.7	0.0	43.5	0.0	0.0	0.0	7.7
26	558	Smith Ave	8.3	0.0	45.7	0.0	0.0	0.0	8.3
27	1104	Dozier Ave	17.3	0.0	43.4	0.7	0.0	1.7	17.3
28	691	Thomas Ave	12.7	0.0	37.2	1.7	0.0	8.0	12.7
29	731	E Main St	28.0	0.7	17.8	16.7	3.0	27.3	27.3
Total	44,016		641.3	2.7	46.8	89.3	16.0	144.3	407.3

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

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Detailed Statistics By Run

Travel Time (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	37	42	41
3	730	Industrial Dr	8	8	8
4	2273	Twin Lakes Pkwy	24	26	25
5	514	Embassy Dr	6	6	5
6	2240	Anthony St	23	33	24
7	1476	Washington Ferry Rd	15	18	15
8	524	Phillips St	6	6	6
9	1194	Hunter Loop Rd	36	36	32
10	1270	Reese Ferry Rd	22	19	20
11	640	1st St	8	10	8
12	568	2nd St	6	7	7
13	9999	CR-4	108	131	132
14	627	Scenic Dr	7	8	11
15	1828	Candlestick Way	20	23	20
16	1124	McQueen Smith Rd S	12	16	13
17	1917	Hare Cir	20	25	22
18	1068	Longview Heights Rd	14	19	17
19	799	US-82	43	30	47
20	2177	Sheila Blvd	38	35	37
21	1133	Doster Rd	18	14	15
22	1494	Overlook Dr	19	20	20
23	3424	Old Hwy 31	46	50	46
24	285	Stonewall Dr	4	4	5
25	489	Paige Ct	8	8	7
26	558	Smith Ave	9	8	8
27	1104	Dozier Ave	16	18	18
28	691	Thomas Ave	13	12	13
29	731	E Main St	35	34	15
Totals	44016		621	666	637

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Detailed Statistics By Run

Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	57.9	51.8	53.0
3	730	Industrial Dr	62.8	60.6	60.8
4	2273	Twin Lakes Pkwy	64.3	60.0	62.1
5	514	Embassy Dr	65.2	59.0	65.0
6	2240	Anthony St	67.1	46.0	65.0
7	1476	Washington Ferry Rd	64.3	56.2	65.0
8	524	Phillips St	62.3	59.8	65.0
9	1194	Hunter Loop Rd	21.7	22.7	24.0
10	1270	Reese Ferry Rd	40.4	45.2	45.4
11	640	1st St	57.3	45.9	51.9
12	568	2nd St	61.5	49.4	52.9
13	9999	CR-4	63.1	52.1	51.6
14	627	Scenic Dr	58.9	54.6	41.8
15	1828	Candlestick Way	63.7	54.4	61.3
16	1124	McQueen Smith Rd S	64.7	47.6	61.6
17	1917	Hare Cir	64.7	51.5	58.0
18	1068	Longview Heights Rd	50.5	39.3	41.8
19	799	US-82	12.7	17.5	11.8
20	2177	Sheila Blvd	38.7	43.5	40.6
21	1133	Doster Rd	45.3	55.0	50.7
22	1494	Overlook Dr	52.9	50.3	49.9
23	3424	Old Hwy 31	50.2	46.6	50.8
24	285	Stonewall Dr	49.0	45.5	44.2
25	489	Paige Ct	44.6	44.6	47.0
26	558	Smith Ave	43.1	44.0	48.0
27	1104	Dozier Ave	45.0	43.6	41.1
28	691	Thomas Ave	37.6	37.5	36.8
29	731	E Main St	13.5	13.6	33.8
Totals	44016		48.3	45.1	47.1

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Detailed Statistics By Run

Total Delay (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	0	3	1
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	5	0
7	1476	Washington Ferry Rd	0	0	0
8	524	Phillips St	0	0	0
9	1194	Hunter Loop Rd	21	21	17
10	1270	Reese Ferry Rd	6	3	3
11	640	1st St	0	1	0
12	568	2nd St	0	0	0
13	9999	CR-4	0	7	8
14	627	Scenic Dr	0	0	3
15	1828	Candlestick Way	0	0	0
16	1124	McQueen Smith Rd S	0	2	0
17	1917	Hare Cir	0	1	0
18	1068	Longview Heights Rd	1	5	4
19	799	US-82	33	20	37
20	2177	Sheila Blvd	5	1	3
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	1	1
28	691	Thomas Ave	2	1	2
29	731	E Main St	24	23	3
Totals	44016		92	94	82

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Detailed Statistics By Run

Time <= 0 MPH by Section

US-31 PM-NB-001 t
 US-31 PM-NB-002 t
 US-31 PM-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	8	5	2
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	8	3	13
20	2177	Sheila Blvd	0	0	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	6	3	0
Totals	44016		22	11	15

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Detailed Statistics By Run

Time <= 40 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	0	7	4
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	13	0
7	1476	Washington Ferry Rd	0	0	0
8	524	Phillips St	0	0	0
9	1194	Hunter Loop Rd	25	30	25
10	1270	Reese Ferry Rd	9	2	3
11	640	1st St	0	0	0
12	568	2nd St	0	0	0
13	9999	CR-4	0	6	0
14	627	Scenic Dr	0	0	4
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	13	5
19	799	US-82	41	30	47
20	2177	Sheila Blvd	18	9	18
21	1133	Doster Rd	5	0	0
22	1494	Overlook Dr	0	0	0
23	3424	Old Hwy 31	0	8	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	5
28	691	Thomas Ave	7	5	12
29	731	E Main St	35	33	14
Totals	44016		140	156	137

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Detailed Statistics By Run

Time <= 55 MPH by Section

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

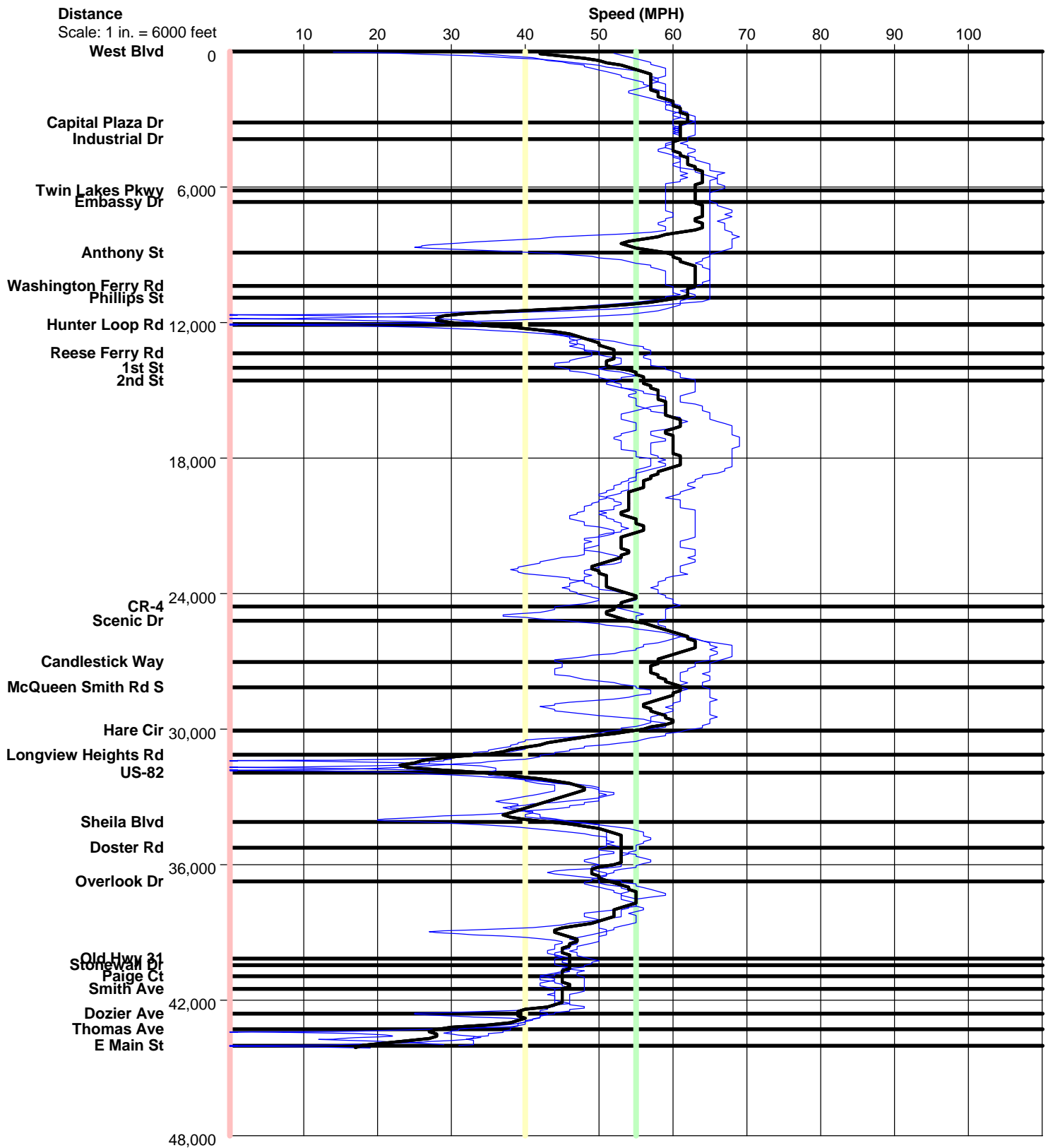
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	West Blvd			
2	3139	Capital Plaza Dr	7	15	18
3	730	Industrial Dr	0	0	0
4	2273	Twin Lakes Pkwy	0	0	0
5	514	Embassy Dr	0	0	0
6	2240	Anthony St	0	18	0
7	1476	Washington Ferry Rd	0	5	0
8	524	Phillips St	0	0	0
9	1194	Hunter Loop Rd	29	35	28
10	1270	Reese Ferry Rd	17	19	20
11	640	1st St	0	10	8
12	568	2nd St	0	7	7
13	9999	CR-4	0	90	104
14	627	Scenic Dr	0	7	11
15	1828	Candlestick Way	0	10	3
16	1124	McQueen Smith Rd S	0	14	0
17	1917	Hare Cir	0	15	3
18	1068	Longview Heights Rd	10	19	17
19	799	US-82	43	30	47
20	2177	Sheila Blvd	38	35	37
21	1133	Doster Rd	18	5	15
22	1494	Overlook Dr	13	19	20
23	3424	Old Hwy 31	46	40	37
24	285	Stonewall Dr	4	4	5
25	489	Paige Ct	8	8	7
26	558	Smith Ave	9	8	8
27	1104	Dozier Ave	16	18	18
28	691	Thomas Ave	13	12	13
29	731	E Main St	35	33	14
Totals	44016		306	476	440

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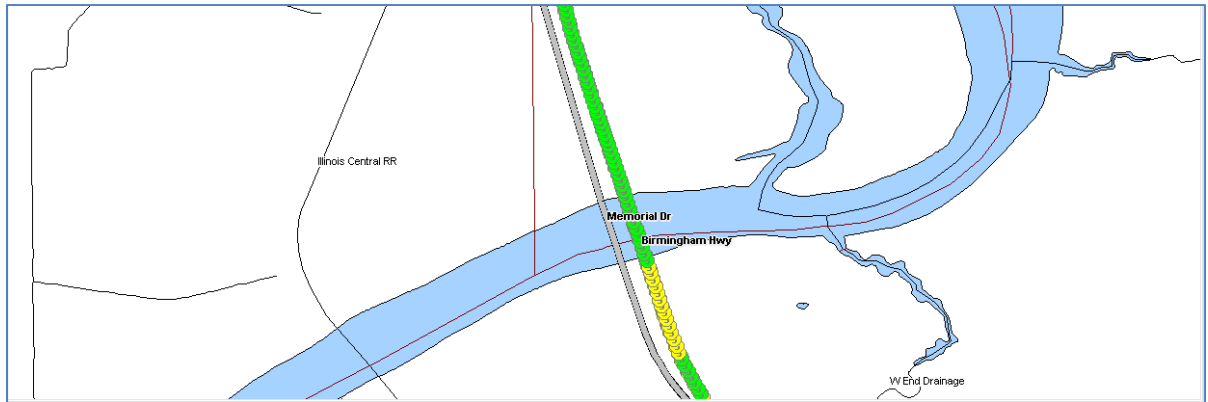
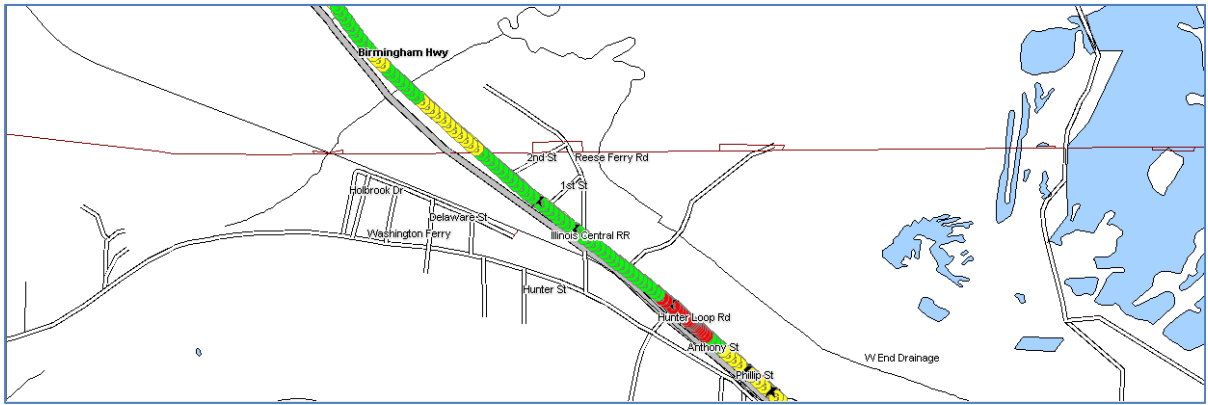
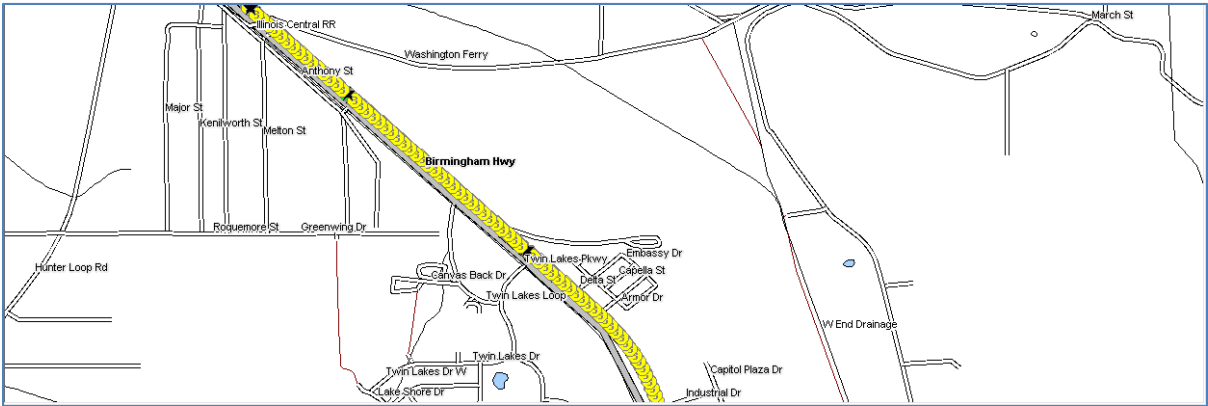
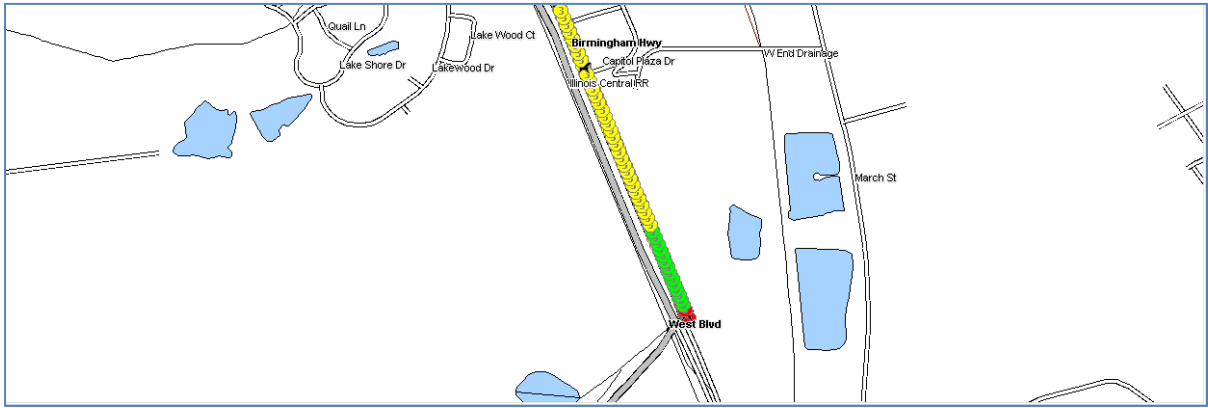
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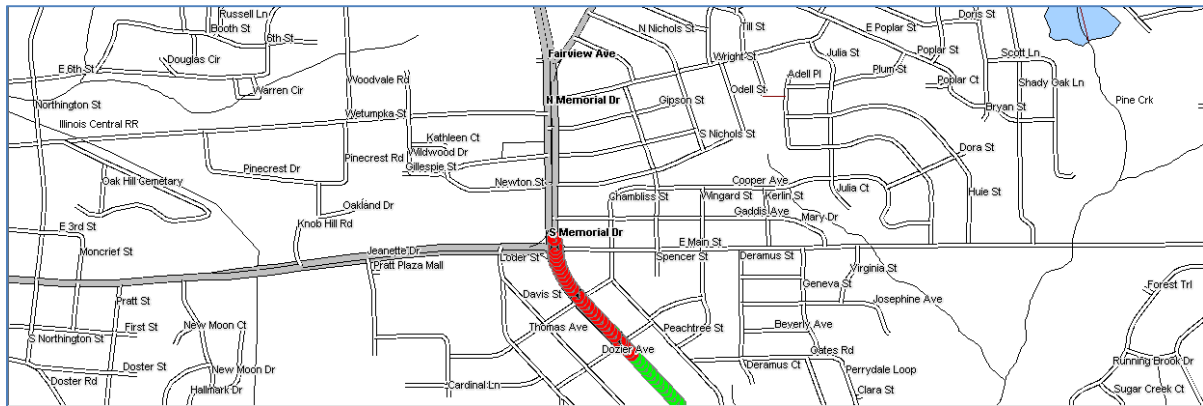
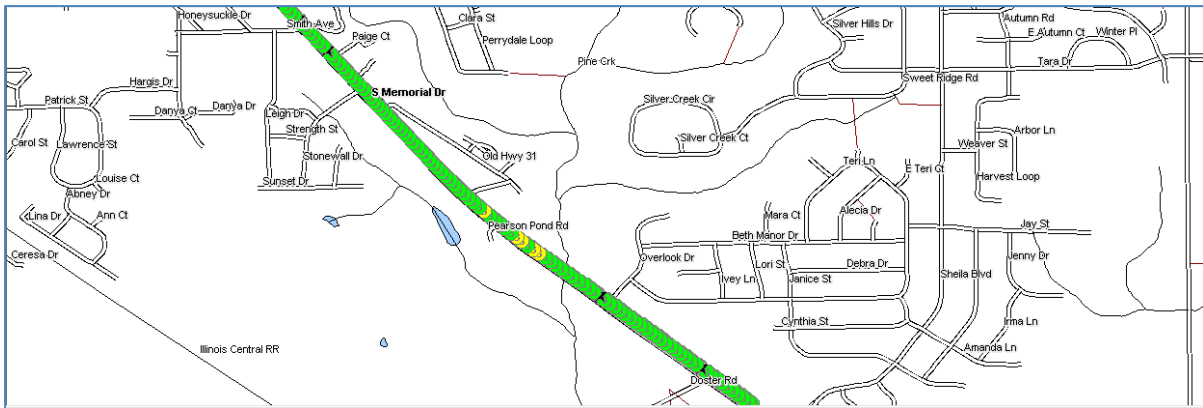
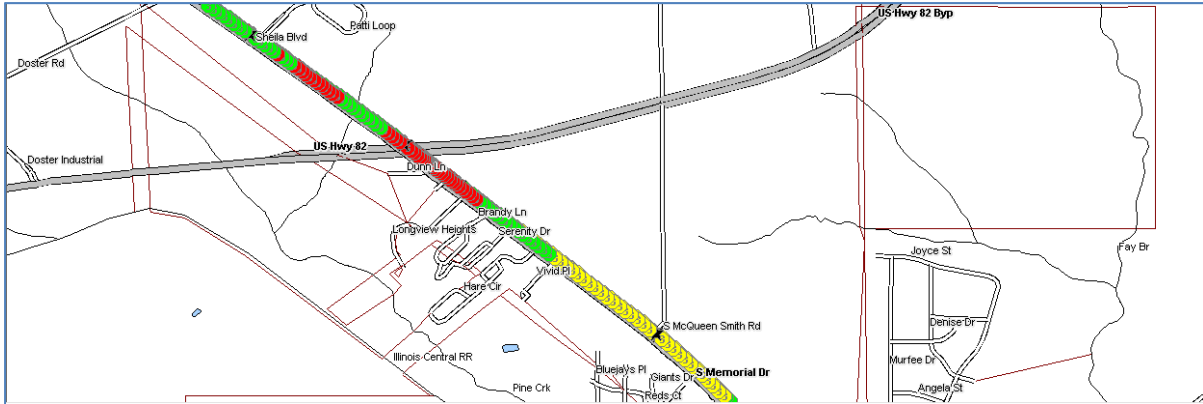
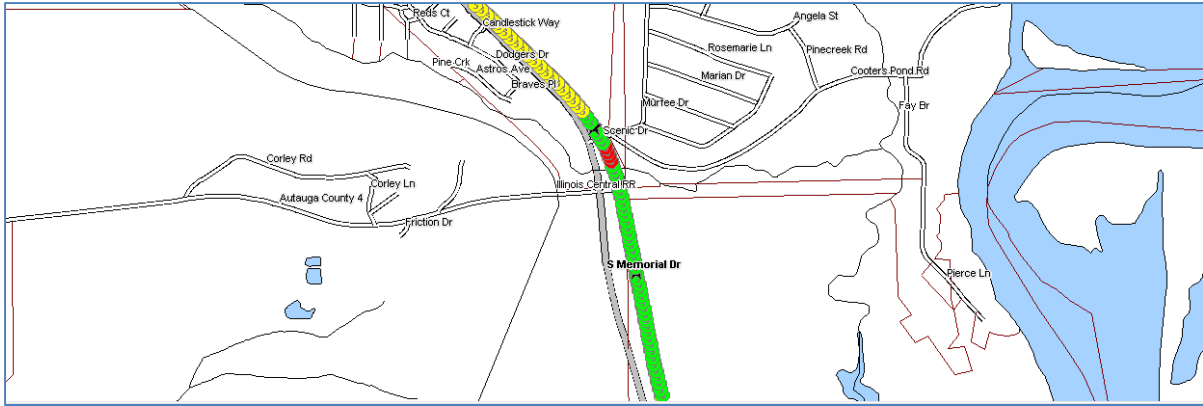
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Speed/Distance Profiles of All Runs



US-31 PM NB





Color Code Speeds

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