

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: Taylor Rd PM 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 <= 30 MPH	8
Detailed Statistics By Run - Time <= 45 MPH	9
Speed/Distance Profiles of All Runs	10

Congestion Management Plan Update Montgomery MPO

Study Name : **Taylor Rd PM NB Study**

Study Date : **10/29/2013**

Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Taylor Rd PM-NB-001 t	10/29/13	17:34	17168	Before	Secondary
Taylor Rd PM-NB-002 t	11/20/13	17:33	17249	Before	Secondary
Taylor Rd PM-NB-003 t	11/20/13	17:33	17249	Before	Secondary

Notes:

Node Info

#	Len	Name
1	0	Vaughn Rd
2	759	Taylor Park Rd
3	779	Chappelle Ln
4	840	Eastwood Glen Dr /
5	351	Meriwether Cir
6	217	Taylor Ct
7	448	Taylor Cir
8	152	Prairie Ln
9	229	Taylor Cir
10	1986	Barnett Rd / Halcyon
11	790	Berryhill Rd
12	527	Halcyon Forest Trl
13	595	Eastchase Pkwy
14	1085	I-85 EB Ramps
15	489	I-85
16	603	I-85 WB Ramps
17	627	Wadsworth Way /
18	1114	East Dr / Halcyon
19	578	University Ct
20	1483	Sydney Curve
21	858	Copperfield Dr
22	989	Winton Blount Loop
23	792	Winton Blount Loop
24	815	Atlanta Hwy

Length of Study Route = 17,106 feet

Congestion Management Plan Update

Montgomery MPO

Study Name : Taylor Rd PM NB Study
 Study Date : 10/29/2013
 Page No. : 3

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 30 MPH	Time <= 45 MPH
1	0	Vaughn Rd							
2	759	Taylor Park Rd	15.3	0.0	33.8	5.3	0.0	2.7	14.0
3	779	Chappelle Ln	11.7	0.0	45.5	1.7	0.0	0.0	5.0
4	840	Eastwood Glen Dr / Halcyon	27.3	0.3	21.0	16.3	6.7	16.3	27.3
5	351	Meriwether Cir	6.7	0.0	35.9	1.7	0.0	1.0	6.7
6	217	Taylor Ct	3.3	0.0	44.4	0.0	0.0	0.0	1.3
7	448	Taylor Cir	6.7	0.0	45.8	0.0	0.0	0.0	1.0
8	152	Prairie Ln	2.3	0.0	44.4	0.0	0.0	0.0	1.3
9	229	Taylor Cir	3.7	0.0	42.6	0.0	0.0	0.0	2.7
10	1986	Barnett Rd / Halcyon Blvd	27.7	0.0	48.9	0.0	0.0	0.0	7.3
11	790	Berryhill Rd	11.0	0.0	49.0	0.0	0.0	0.0	0.0
12	527	Halcyon Forest Trl	7.7	0.0	46.9	0.0	0.0	0.0	4.0
13	595	Eastchase Pkwy	62.0	0.7	6.5	53.3	34.7	56.7	59.3
14	1085	I-85 EB Ramps	20.3	0.0	36.4	4.0	0.0	6.0	15.3
15	489	I-85	7.7	0.0	43.5	0.0	0.0	0.0	5.3
16	603	I-85 WB Ramps	9.0	0.0	45.7	0.0	0.0	0.0	2.7
17	627	Wadsworth Way / Halcyon	9.3	0.0	45.8	0.0	0.0	0.0	6.7
18	1114	East Dr / Halcyon Summit Dr	42.0	1.0	18.1	25.0	7.7	31.3	39.7
19	578	University Ct	12.3	0.0	32.0	3.3	0.0	4.0	12.3
20	1483	Sydney Curve	25.7	0.0	39.4	0.3	0.0	0.0	25.7
21	858	Copperfield Dr	28.3	0.3	20.6	13.3	3.7	16.0	28.3
22	989	Winton Blount Loop	18.7	0.0	36.1	1.7	0.0	1.0	18.7
23	792	Winton Blount Loop	17.0	0.0	31.8	3.0	0.0	3.3	17.0
24	815	Atlanta Hwy	26.7	0.3	20.8	12.0	1.7	23.3	26.7
Total	17,106		402.3	2.7	29.0	141.0	54.3	161.7	328.3

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

Congestion Management Plan Update

Montgomery MPO

Study Name : Taylor Rd PM NB Study
 Study Date : 10/29/2013
 Page No. : 4

Detailed Statistics By Run

Travel Time (sec) by Section

Taylor Rd PM-NB-001 t
 Taylor Rd PM-NB-002 t
 Taylor Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	18	14	14
3	779	Chappelle Ln	13	11	11
4	840	Eastwood Glen Dr /	50	16	16
5	351	Meriwether Cir	8	6	6
6	217	Taylor Ct	4	3	3
7	448	Taylor Cir	6	7	7
8	152	Prairie Ln	3	2	2
9	229	Taylor Cir	3	4	4
10	1986	Barnett Rd / Halcyon Blvd	25	29	29
11	790	Berryhill Rd	11	11	11
12	527	Halcyon Forest Trl	7	8	8
13	595	Eastchase Pkwy	8	89	89
14	1085	I-85 EB Ramps	15	23	23
15	489	I-85	7	8	8
16	603	I-85 WB Ramps	9	9	9
17	627	Wadsworth Way /	8	10	10
18	1114	East Dr / Halcyon	30	48	48
19	578	University Ct	13	12	12
20	1483	Sydney Curve	27	25	25
21	858	Copperfield Dr	55	15	15
22	989	Winton Blount Loop	20	18	18
23	792	Winton Blount Loop	17	17	17
24	815	Atlanta Hwy	40	20	20
Totals	17106		397	405	405

Congestion Management Plan Update

Montgomery MPO

Study Name : Taylor Rd PM NB Study
 Study Date : 10/29/2013
 Page No. : 5

Detailed Statistics By Run

Average Speed (MPH) by Section

Taylor Rd PM-NB-001 t
 Taylor Rd PM-NB-002 t
 Taylor Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	30.1	40.0	40.0
3	779	Chappelle Ln	42.4	48.1	48.1
4	840	Eastwood Glen Dr /	10.9	34.6	34.6
5	351	Meriwether Cir	30.9	41.8	41.8
6	217	Taylor Ct	42.3	46.3	46.3
7	448	Taylor Cir	46.2	46.1	46.1
8	152	Prairie Ln	46.0	43.0	43.0
9	229	Taylor Cir	46.3	41.0	41.0
10	1986	Barnett Rd / Halcyon Blvd	53.6	47.2	47.2
11	790	Berryhill Rd	51.5	48.8	48.8
12	527	Halcyon Forest Trl	50.3	44.4	44.4
13	595	Eastchase Pkwy	50.1	4.3	4.3
14	1085	I-85 EB Ramps	49.5	32.5	32.5
15	489	I-85	47.1	42.5	42.5
16	603	I-85 WB Ramps	46.4	45.3	45.3
17	627	Wadsworth Way /	49.4	43.1	43.1
18	1114	East Dr / Halcyon	25.1	15.7	15.7
19	578	University Ct	30.8	32.5	32.5
20	1483	Sydney Curve	37.4	40.5	40.5
21	858	Copperfield Dr	10.5	38.5	38.5
22	989	Winton Blount Loop	33.7	37.3	37.3
23	792	Winton Blount Loop	33.1	32.1	32.1
24	815	Atlanta Hwy	13.3	29.0	29.0
Totals	17106		29.4	28.9	28.9

Congestion Management Plan Update

Montgomery MPO

Study Name : **Taylor Rd PM NB Study**
 Study Date : **10/29/2013**
 Page No. : **6**

Detailed Statistics By Run

Total Delay (sec) by Section

Taylor Rd PM-NB-001 t
 Taylor Rd PM-NB-002 t
 Taylor Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	8	4	4
3	779	Chappelle Ln	3	1	1
4	840	Eastwood Glen Dr /	39	5	5
5	351	Meriwether Cir	3	1	1
6	217	Taylor Ct	0	0	0
7	448	Taylor Cir	0	0	0
8	152	Prairie Ln	0	0	0
9	229	Taylor Cir	0	0	0
10	1986	Barnett Rd / Halcyon Blvd	0	0	0
11	790	Berryhill Rd	0	0	0
12	527	Halcyon Forest Trl	0	0	0
13	595	Eastchase Pkwy	0	80	80
14	1085	I-85 EB Ramps	0	6	6
15	489	I-85	0	0	0
16	603	I-85 WB Ramps	0	0	0
17	627	Wadsworth Way /	0	0	0
18	1114	East Dr / Halcyon	13	31	31
19	578	University Ct	4	3	3
20	1483	Sydney Curve	1	0	0
21	858	Copperfield Dr	40	0	0
22	989	Winton Blount Loop	3	1	1
23	792	Winton Blount Loop	3	3	3
24	815	Atlanta Hwy	26	5	5
Totals	17106		143	140	140

Congestion Management Plan Update

Montgomery MPO

Study Name : **Taylor Rd PM NB Study**
 Study Date : **10/29/2013**
 Page No. : **7**

Detailed Statistics By Run

Time <= 0 MPH by Section

Taylor Rd PM-NB-001 t
 Taylor Rd PM-NB-002 t
 Taylor Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	0	0	0
3	779	Chappelle Ln	0	0	0
4	840	Eastwood Glen Dr /	20	0	0
5	351	Meriwether Cir	0	0	0
6	217	Taylor Ct	0	0	0
7	448	Taylor Cir	0	0	0
8	152	Prairie Ln	0	0	0
9	229	Taylor Cir	0	0	0
10	1986	Barnett Rd / Halcyon Blvd	0	0	0
11	790	Berryhill Rd	0	0	0
12	527	Halcyon Forest Trl	0	0	0
13	595	Eastchase Pkwy	0	52	52
14	1085	I-85 EB Ramps	0	0	0
15	489	I-85	0	0	0
16	603	I-85 WB Ramps	0	0	0
17	627	Wadsworth Way /	0	0	0
18	1114	East Dr / Halcyon	1	11	11
19	578	University Ct	0	0	0
20	1483	Sydney Curve	0	0	0
21	858	Copperfield Dr	11	0	0
22	989	Winton Blount Loop	0	0	0
23	792	Winton Blount Loop	0	0	0
24	815	Atlanta Hwy	5	0	0
Totals	17106		37	63	63

Congestion Management Plan Update

Montgomery MPO

Study Name : Taylor Rd PM NB Study
 Study Date : 10/29/2013
 Page No. : 8

Detailed Statistics By Run

Time <= 30 MPH by Section

Taylor Rd PM-NB-001 t
 Taylor Rd PM-NB-002 t
 Taylor Rd PM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	8	0	0
3	779	Chappelle Ln	0	0	0
4	840	Eastwood Glen Dr /	41	4	4
5	351	Meriwether Cir	3	0	0
6	217	Taylor Ct	0	0	0
7	448	Taylor Cir	0	0	0
8	152	Prairie Ln	0	0	0
9	229	Taylor Cir	0	0	0
10	1986	Barnett Rd / Halcyon Blvd	0	0	0
11	790	Berryhill Rd	0	0	0
12	527	Halcyon Forest Trl	0	0	0
13	595	Eastchase Pkwy	0	85	85
14	1085	I-85 EB Ramps	0	9	9
15	489	I-85	0	0	0
16	603	I-85 WB Ramps	0	0	0
17	627	Wadsworth Way /	0	0	0
18	1114	East Dr / Halcyon	20	37	37
19	578	University Ct	6	3	3
20	1483	Sydney Curve	0	0	0
21	858	Copperfield Dr	48	0	0
22	989	Winton Blount Loop	3	0	0
23	792	Winton Blount Loop	0	5	5
24	815	Atlanta Hwy	40	15	15
Totals	17106		169	158	158

Congestion Management Plan Update

Montgomery MPO

Study Name : **Taylor Rd PM NB Study**
 Study Date : **10/29/2013**
 Page No. : **9**

Detailed Statistics By Run

Time <= 45 MPH by Section

Taylor Rd PM-NB-001 t
 Taylor Rd PM-NB-002 t
 Taylor Rd PM-NB-003 t

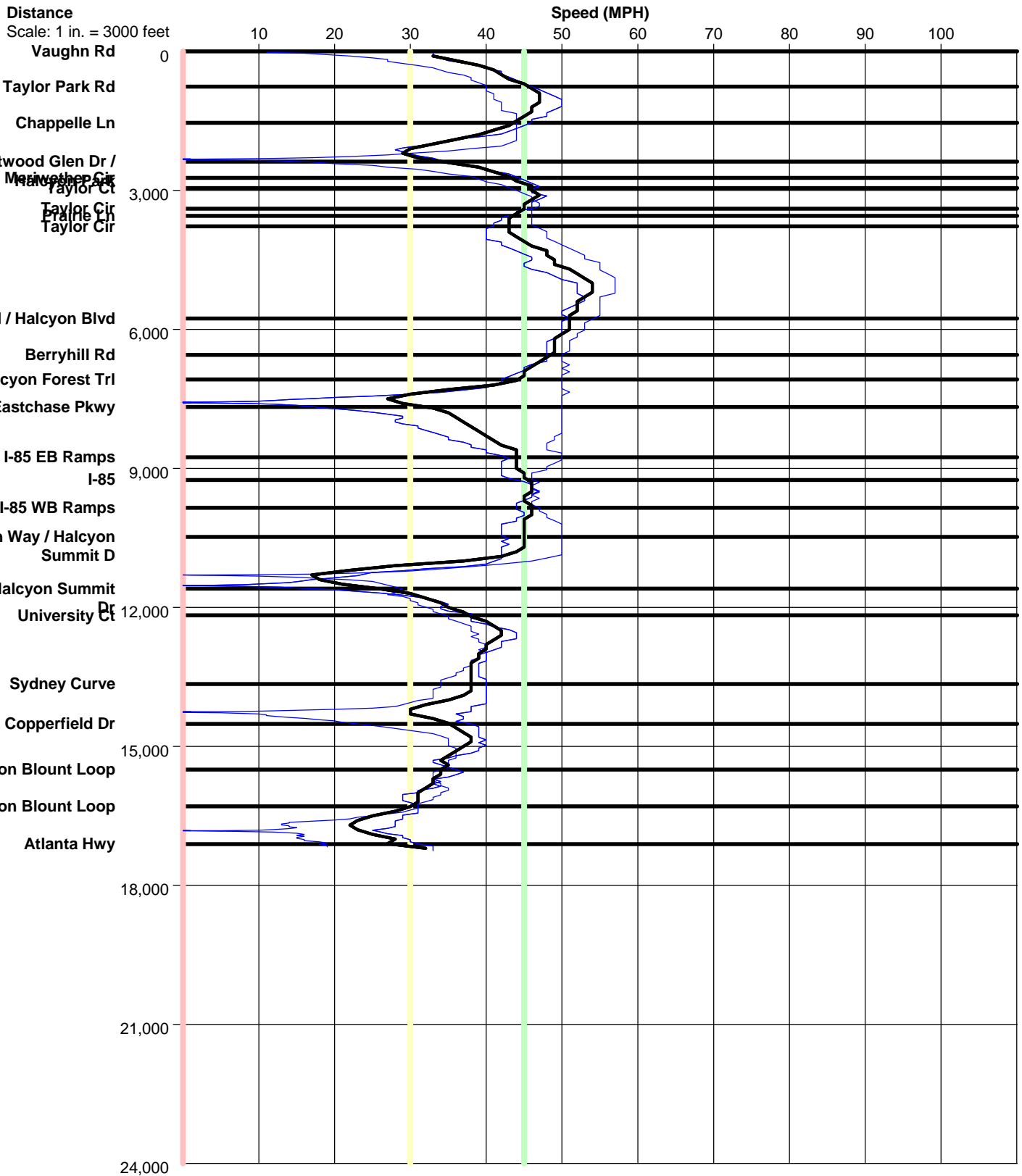
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	18	12	12
3	779	Chappelle Ln	13	1	1
4	840	Eastwood Glen Dr /	50	16	16
5	351	Meriwether Cir	8	6	6
6	217	Taylor Ct	4	0	0
7	448	Taylor Cir	1	1	1
8	152	Prairie Ln	0	2	2
9	229	Taylor Cir	0	4	4
10	1986	Barnett Rd / Halcyon Blvd	0	11	11
11	790	Berryhill Rd	0	0	0
12	527	Halcyon Forest Trl	0	6	6
13	595	Eastchase Pkwy	0	89	89
14	1085	I-85 EB Ramps	0	23	23
15	489	I-85	0	8	8
16	603	I-85 WB Ramps	0	4	4
17	627	Wadsworth Way /	0	10	10
18	1114	East Dr / Halcyon	23	48	48
19	578	University Ct	13	12	12
20	1483	Sydney Curve	27	25	25
21	858	Copperfield Dr	55	15	15
22	989	Winton Blount Loop	20	18	18
23	792	Winton Blount Loop	17	17	17
24	815	Atlanta Hwy	40	20	20
Totals	17106		289	348	348

Congestion Management Plan Update

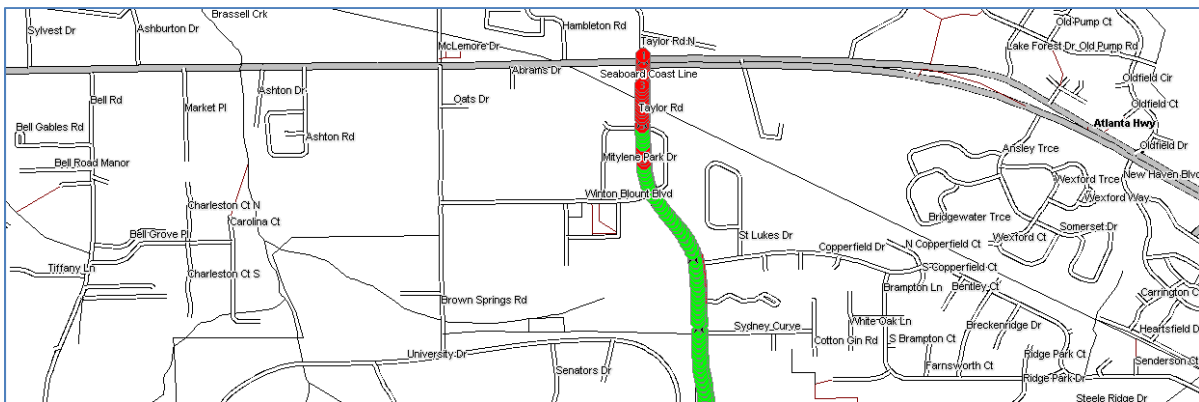
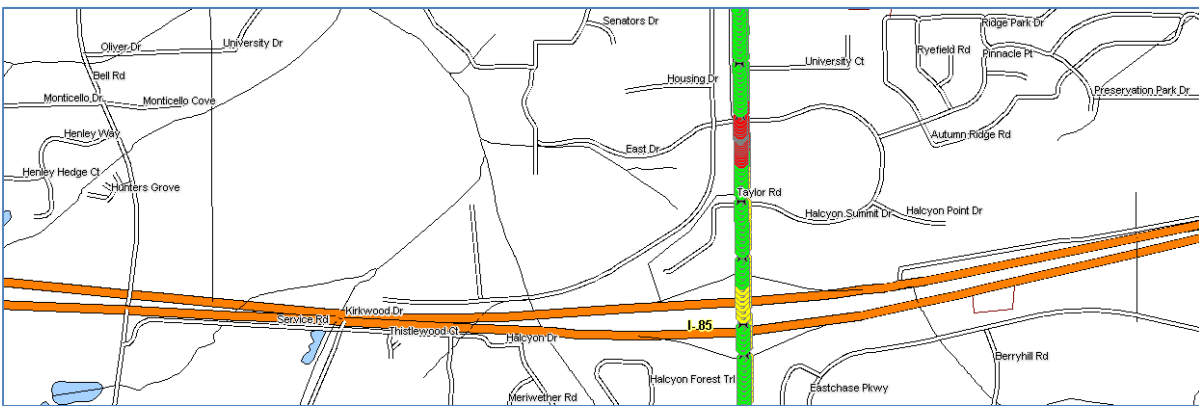
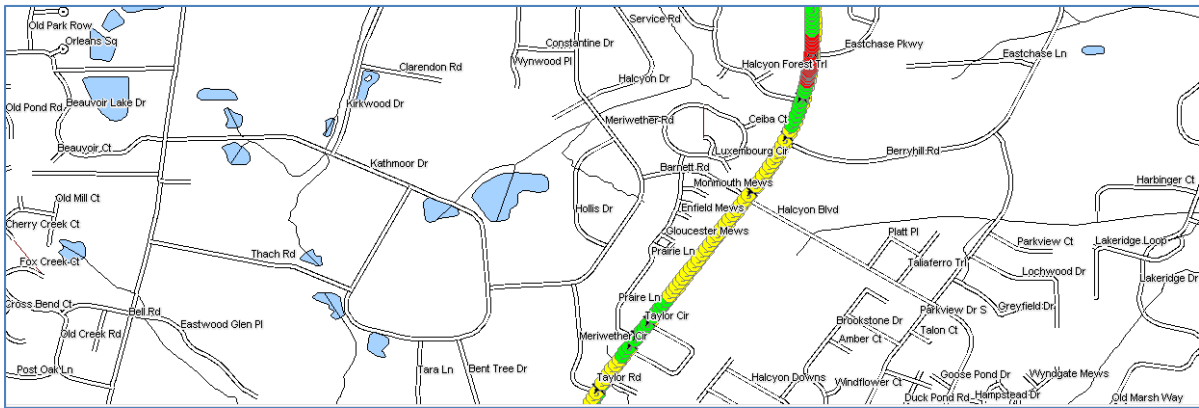
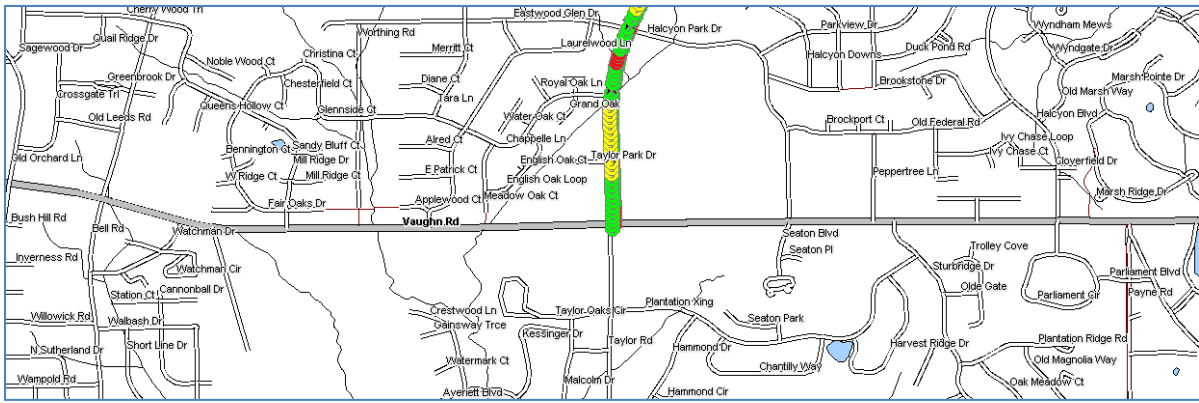
Montgomery MPO

Study Name : Taylor Rd PM NB Study
 Study Date : 10/29/2013
 Page No. : 10

Speed/Distance Profiles of All Runs



Taylor Rd PM NB



Color Code Speeds

Speed 1	0	To	30
Speed 2	30	To	45
Speed 3	45	To	99