

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: Taylor Rd OP NB Study

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Study Name : **Taylor Rd OP NB Study**
 Study Date : **10/22/2013**
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Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Taylor Rd OP-NB-001 t	10/22/13	09:57	17150	Before	Secondary
Taylor Rd OP-NB-002 t	10/22/13	10:21	17156	Before	Secondary
Taylor Rd OP-NB-003 t	10/22/13	10:43	17211	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

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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	19.0	0.0	27.2	9.0	0.0	9.3	19.0
3	779	Chappelle Ln	13.0	0.0	40.9	3.0	0.0	0.0	13.0
4	840	Eastwood Glen Dr / Halcyon	16.3	0.3	35.1	5.3	0.0	5.7	13.0
5	351	Meriwether Cir	5.7	0.0	42.2	0.7	0.0	0.0	4.0
6	217	Taylor Ct	3.0	0.0	49.3	0.0	0.0	0.0	1.7
7	448	Taylor Cir	6.7	0.0	45.8	0.0	0.0	0.0	4.7
8	152	Prairie Ln	2.7	0.0	38.9	0.0	0.0	0.0	2.0
9	229	Taylor Cir	3.3	0.0	46.8	0.0	0.0	0.0	2.3
10	1986	Barnett Rd / Halcyon Blvd	28.7	0.0	47.2	0.0	0.0	0.0	6.0
11	790	Berryhill Rd	12.0	0.0	44.9	0.0	0.0	0.0	9.7
12	527	Halcyon Forest Trl	8.3	0.0	43.1	0.3	0.0	0.0	7.3
13	595	Eastchase Pkwy	37.7	0.7	10.8	28.7	12.7	32.3	36.3
14	1085	I-85 EB Ramps	21.0	0.0	35.2	4.3	0.0	7.7	17.3
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	7.0
17	627	Wadsworth Way / Halcyon	9.0	0.0	47.5	0.0	0.0	0.0	2.0
18	1114	East Dr / Halcyon Summit Dr	41.3	0.7	18.4	24.7	12.7	27.0	32.0
19	578	University Ct	12.0	0.0	32.8	2.7	0.0	3.7	12.0
20	1483	Sydney Curve	25.7	0.0	39.4	0.3	0.0	0.0	25.7
21	858	Copperfield Dr	15.7	0.0	37.3	0.7	0.0	1.7	15.7
22	989	Winton Blount Loop	25.0	0.3	27.0	8.0	0.0	12.3	25.0
23	792	Winton Blount Loop	18.3	0.3	29.5	4.3	0.0	6.3	18.3
24	815	Atlanta Hwy	74.7	1.0	7.4	60.7	36.0	74.3	74.7
Total	17,106		415.7	3.3	28.1	152.7	61.3	180.3	354.0

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

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	19	20	18
3	779	Chappelle Ln	13	13	13
4	840	Eastwood Glen Dr /	13	12	24
5	351	Meriwether Cir	5	5	7
6	217	Taylor Ct	3	3	3
7	448	Taylor Cir	7	6	7
8	152	Prairie Ln	3	2	3
9	229	Taylor Cir	4	3	3
10	1986	Barnett Rd / Halcyon Blvd	29	27	30
11	790	Berryhill Rd	12	12	12
12	527	Halcyon Forest Trl	9	8	8
13	595	Eastchase Pkwy	37	9	67
14	1085	I-85 EB Ramps	21	16	26
15	489	I-85	8	7	8
16	603	I-85 WB Ramps	9	9	9
17	627	Wadsworth Way /	9	9	9
18	1114	East Dr / Halcyon	57	16	51
19	578	University Ct	14	9	13
20	1483	Sydney Curve	27	25	25
21	858	Copperfield Dr	16	17	14
22	989	Winton Blount Loop	20	38	17
23	792	Winton Blount Loop	22	18	15
24	815	Atlanta Hwy	56	66	102
Totals	17106		413	350	484

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Detailed Statistics By Run

Average Speed (MPH) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	28.5	27.6	30.3
3	779	Chappelle Ln	41.8	40.9	41.7
4	840	Eastwood Glen Dr /	44.1	47.8	22.7
5	351	Meriwether Cir	44.2	47.8	36.6
6	217	Taylor Ct	45.0	49.3	40.7
7	448	Taylor Cir	42.7	50.8	43.3
8	152	Prairie Ln	40.7	52.0	44.3
9	229	Taylor Cir	42.8	52.0	44.0
10	1986	Barnett Rd / Halcyon Blvd	46.6	50.1	45.7
11	790	Berryhill Rd	42.2	45.0	44.7
12	527	Halcyon Forest Trl	41.3	45.1	43.3
13	595	Eastchase Pkwy	10.9	45.2	6.1
14	1085	I-85 EB Ramps	35.9	46.3	29.6
15	489	I-85	43.4	47.9	42.8
16	603	I-85 WB Ramps	43.9	45.7	42.7
17	627	Wadsworth Way /	45.8	47.6	46.2
18	1114	East Dr / Halcyon	13.5	47.4	15.0
19	578	University Ct	29.6	43.8	32.3
20	1483	Sydney Curve	37.8	40.4	40.6
21	858	Copperfield Dr	36.8	32.9	40.6
22	989	Winton Blount Loop	32.3	17.8	39.4
23	792	Winton Blount Loop	24.4	29.7	37.4
24	815	Atlanta Hwy	10.1	8.6	5.1
Totals	17106		28.3	33.4	24.1

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Detailed Statistics By Run

Total Delay (sec) by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	9	10	8
3	779	Chappelle Ln	3	3	3
4	840	Eastwood Glen Dr /	2	1	13
5	351	Meriwether Cir	0	0	2
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	1	0	0
13	595	Eastchase Pkwy	28	0	58
14	1085	I-85 EB Ramps	4	0	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	40	0	34
19	578	University Ct	5	0	3
20	1483	Sydney Curve	1	0	0
21	858	Copperfield Dr	0	2	0
22	989	Winton Blount Loop	3	21	0
23	792	Winton Blount Loop	8	4	1
24	815	Atlanta Hwy	42	52	88
Totals	17106		146	93	219

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Detailed Statistics By Run

Time <= 0 MPH by Section

Taylor Rd OP-NB-001 t
Taylor Rd OP-NB-002 t
Taylor Rd OP-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 /	0	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	9	0	29
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	21	0	17
19	578	University Ct	0	0	0
20	1483	Sydney Curve	0	0	0
21	858	Copperfield Dr	0	0	0
22	989	Winton Blount Loop	0	0	0
23	792	Winton Blount Loop	0	0	0
24	815	Atlanta Hwy	20	28	60
Totals	17106		50	28	106

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Detailed Statistics By Run

Time <= 30 MPH by Section

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

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	9	11	8
3	779	Chappelle Ln	0	0	0
4	840	Eastwood Glen Dr /	0	0	17
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	32	0	65
14	1085	I-85 EB Ramps	4	0	19
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	43	0	38
19	578	University Ct	7	0	4
20	1483	Sydney Curve	0	0	0
21	858	Copperfield Dr	0	5	0
22	989	Winton Blount Loop	5	32	0
23	792	Winton Blount Loop	12	7	0
24	815	Atlanta Hwy	56	66	101
Totals	17106		168	121	252

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Detailed Statistics By Run

Time <= 45 MPH by Section

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

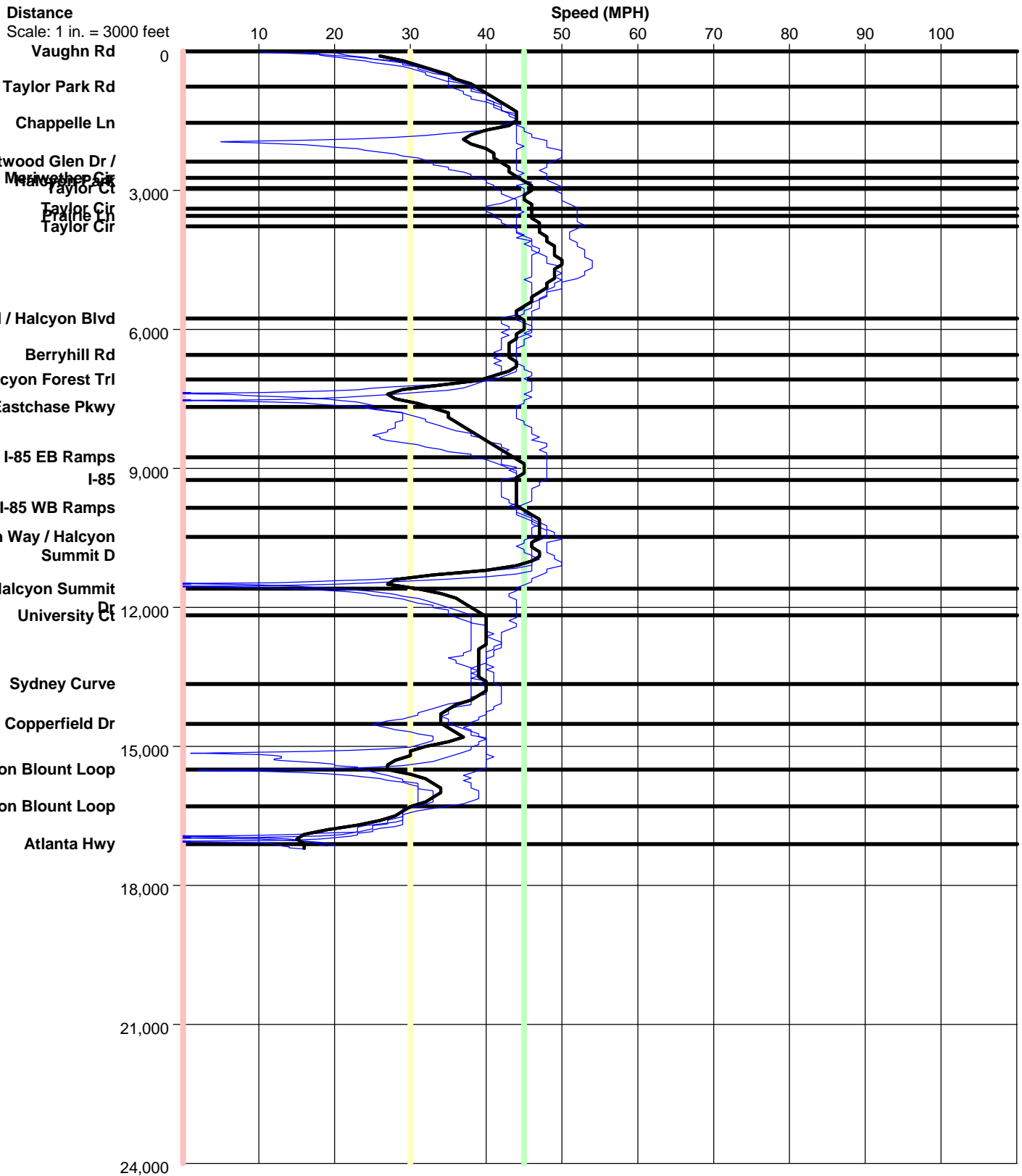
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	759	Taylor Park Rd	19	20	18
3	779	Chappelle Ln	13	13	13
4	840	Eastwood Glen Dr /	13	2	24
5	351	Meriwether Cir	5	0	7
6	217	Taylor Ct	2	0	3
7	448	Taylor Cir	7	0	7
8	152	Prairie Ln	3	0	3
9	229	Taylor Cir	4	0	3
10	1986	Barnett Rd / Halcyon Blvd	10	0	8
11	790	Berryhill Rd	12	8	9
12	527	Halcyon Forest Trl	9	5	8
13	595	Eastchase Pkwy	37	5	67
14	1085	I-85 EB Ramps	21	5	26
15	489	I-85	8	0	8
16	603	I-85 WB Ramps	9	3	9
17	627	Wadsworth Way /	2	1	3
18	1114	East Dr / Halcyon	51	3	42
19	578	University Ct	14	9	13
20	1483	Sydney Curve	27	25	25
21	858	Copperfield Dr	16	17	14
22	989	Winton Blount Loop	20	38	17
23	792	Winton Blount Loop	22	18	15
24	815	Atlanta Hwy	56	66	102
Totals	17106		380	238	444

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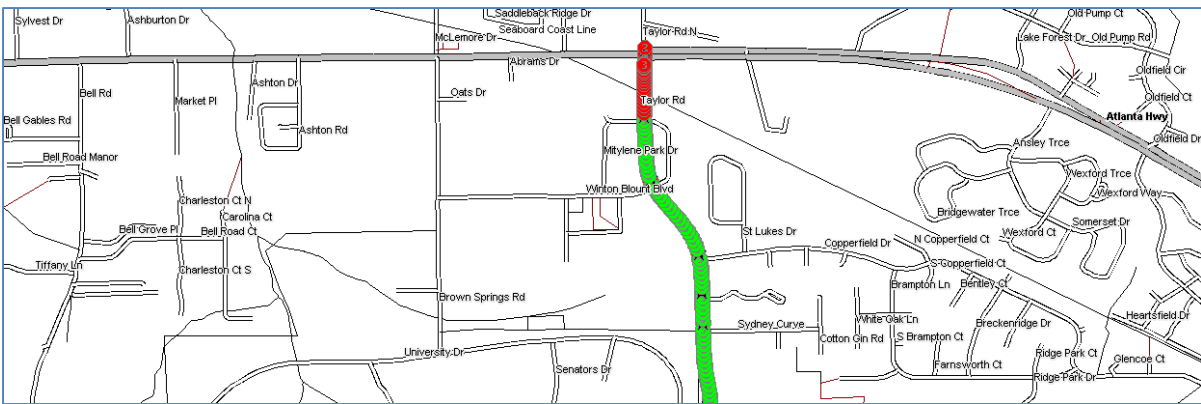
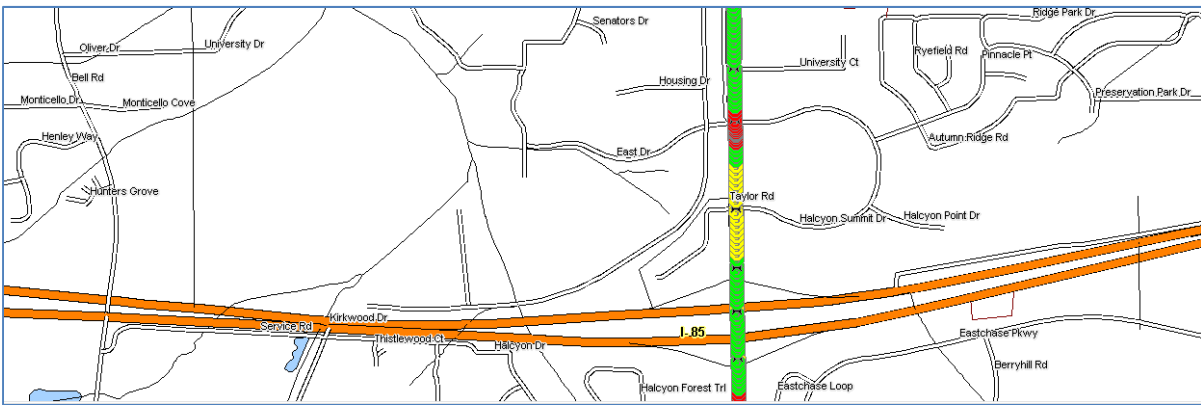
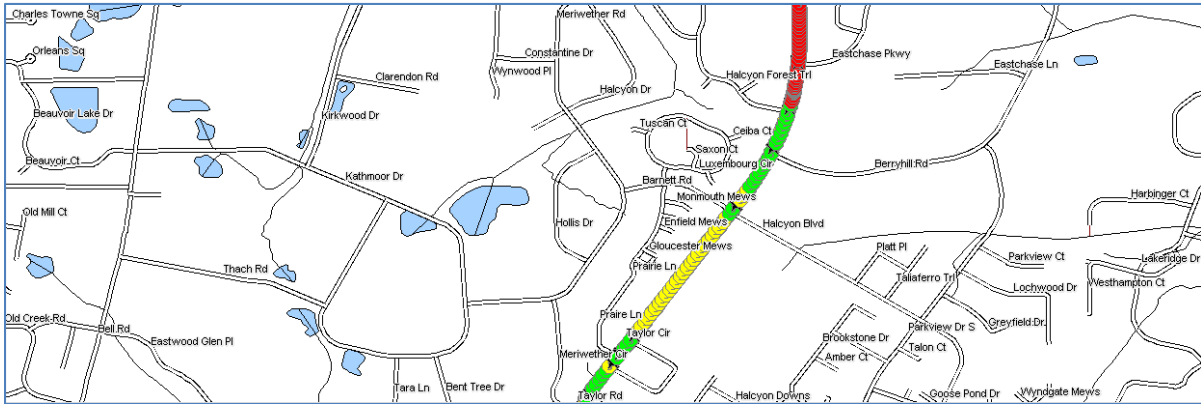
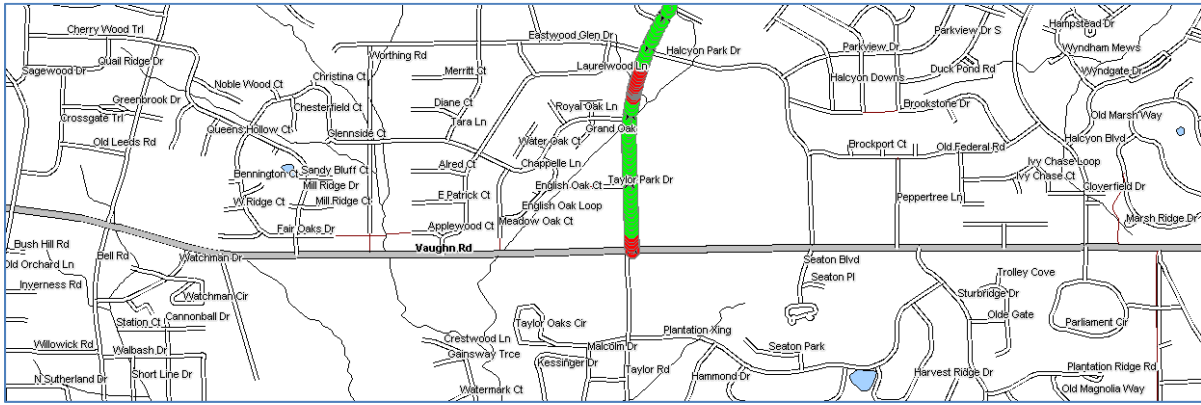
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Speed/Distance Profiles of All Runs



Taylor Rd OP NB



Color Code Speeds

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