

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: S US-231 AM 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 : **S US-231 AM NB Study**
 Study Date : **12/11/2013**
 Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
S US-231 AM-NB-001 t	12/11/13	08:11	20038	Before	Secondary
S US-231 AM-NB-002 t	12/11/13	08:32	20012	Before	Secondary
S US-231 AM-NB-003 t	12/11/13	08:47	19997	Before	Secondary

Notes:

Node Info

#	Len	Name
1	0	Taylor Rd
2	1868	Unnamed Rd
3	2178	Perimeter Pkwy
4	1120	Perimeter Pkwy
5	3308	Brewbaker Dr
6	1437	Jack Pine Dr
7	1079	Provost Ave / Bell Rd
8	816	Cherry Hill Rd / Kyser Ct
9	597	Radio Rd
10	2443	Business Park Dr
11	1778	Park Towne Way
12	496	Catherine Dr
13	1079	Virginia Loop Rd /
14	1711	South Blvd

Length of Study Route = 19,910 feet

Congestion Management Plan Update

Montgomery MPO

Study Name : **S US-231 AM NB Study**
 Study Date : **12/11/2013**
 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	Taylor Rd							
2	1868	Unnamed Rd	26.0	0.0	49.0	2.7	0.0	7.0	15.3
3	2178	Perimeter Pkwy	21.3	0.0	69.6	0.0	0.0	0.0	0.0
4	1120	Perimeter Pkwy	10.7	0.0	71.6	0.0	0.0	0.0	0.0
5	3308	Brewbaker Dr	31.7	0.0	71.2	0.0	0.0	0.0	0.0
6	1437	Jack Pine Dr	13.7	0.0	71.7	0.0	0.0	0.0	0.0
7	1079	Provost Ave / Bell Rd	44.7	0.3	16.5	31.7	15.0	35.7	38.3
8	816	Cherry Hill Rd / Kyser Ct	12.3	0.0	45.1	2.0	0.0	4.3	8.3
9	597	Radio Rd	7.0	0.0	58.1	0.0	0.0	0.0	1.3
10	2443	Business Park Dr	25.7	0.0	64.9	0.0	0.0	0.0	0.0
11	1778	Park Towne Way	20.0	0.0	60.6	0.0	0.0	0.0	4.0
12	496	Catherine Dr	6.0	0.0	56.4	0.0	0.0	0.0	3.0
13	1079	Virginia Loop Rd / Christine	44.7	0.7	16.5	31.3	9.7	36.7	43.0
14	1711	South Blvd	69.3	0.7	16.8	48.3	14.0	52.7	69.3
Total	19,910		333.0	1.7	40.8	116.0	38.7	136.3	182.7

Stats based on 3 BEFORE runs.
 Stops based on a Stop Speed of 5 MPH.
 Total Delay based on a Normal Speed of 55 MPH.

Congestion Management Plan Update

Montgomery MPO

Study Name : **S US-231 AM NB Study**
 Study Date : **12/11/2013**
 Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

S US-231 AM-NB-001 t
S US-231 AM-NB-002 t
S US-231 AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Taylor Rd			
2	1868	Unnamed Rd	29	24	25
3	2178	Perimeter Pkwy	23	20	21
4	1120	Perimeter Pkwy	12	10	10
5	3308	Brewbaker Dr	32	31	32
6	1437	Jack Pine Dr	14	14	13
7	1079	Provost Ave / Bell Rd	108	11	15
8	816	Cherry Hill Rd / Kyser Ct	16	9	12
9	597	Radio Rd	7	7	7
10	2443	Business Park Dr	27	24	26
11	1778	Park Towne Way	20	18	22
12	496	Catherine Dr	6	5	7
13	1079	Virginia Loop Rd /	74	44	16
14	1711	South Blvd	29	108	71
Totals	19910		397	325	277

Congestion Management Plan Update

Montgomery MPO

Study Name : **S US-231 AM NB Study**
 Study Date : **12/11/2013**
 Page No. : **5**

Detailed Statistics By Run

Average Speed (MPH) by Section

S US-231 AM-NB-001 t
S US-231 AM-NB-002 t
S US-231 AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Taylor Rd			
2	1868	Unnamed Rd	44.9	53.2	50.9
3	2178	Perimeter Pkwy	64.7	75.0	73.0
4	1120	Perimeter Pkwy	65.1	75.5	73.4
5	3308	Brewbaker Dr	69.9	73.8	72.2
6	1437	Jack Pine Dr	69.0	70.9	72.8
7	1079	Provost Ave / Bell Rd	6.9	64.8	47.7
8	816	Cherry Hill Rd / Kyser Ct	36.6	62.9	47.6
9	597	Radio Rd	53.6	60.1	63.3
10	2443	Business Park Dr	62.4	68.6	63.7
11	1778	Park Towne Way	60.3	66.9	54.5
12	496	Catherine Dr	55.0	62.4	48.1
13	1079	Virginia Loop Rd /	9.8	16.9	43.4
14	1711	South Blvd	40.5	10.9	16.6
Totals	19910		34.2	41.8	49.1

Congestion Management Plan Update

Montgomery MPO

Study Name : **S US-231 AM NB Study**
 Study Date : **12/11/2013**
 Page No. : **6**

Detailed Statistics By Run

Total Delay (sec) by Section

S US-231 AM-NB-001 t
S US-231 AM-NB-002 t
S US-231 AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Taylor Rd			
2	1868	Unnamed Rd	5	1	2
3	2178	Perimeter Pkwy	0	0	0
4	1120	Perimeter Pkwy	0	0	0
5	3308	Brewbaker Dr	0	0	0
6	1437	Jack Pine Dr	0	0	0
7	1079	Provost Ave / Bell Rd	94	0	1
8	816	Cherry Hill Rd / Kyser Ct	5	0	1
9	597	Radio Rd	0	0	0
10	2443	Business Park Dr	0	0	0
11	1778	Park Towne Way	0	0	0
12	496	Catherine Dr	0	0	0
13	1079	Virginia Loop Rd /	61	30	3
14	1711	South Blvd	8	87	50
Totals	19910		173	118	57

Total Delay based on a Normal Speed of 55 MPH.

Congestion Management Plan Update

Montgomery MPO

Study Name : **S US-231 AM NB Study**
 Study Date : **12/11/2013**
 Page No. : **7**

Detailed Statistics By Run

Time <= 0 MPH by Section

S US-231 AM-NB-001 t
 S US-231 AM-NB-002 t
 S US-231 AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Taylor Rd			
2	1868	Unnamed Rd	0	0	0
3	2178	Perimeter Pkwy	0	0	0
4	1120	Perimeter Pkwy	0	0	0
5	3308	Brewbaker Dr	0	0	0
6	1437	Jack Pine Dr	0	0	0
7	1079	Provost Ave / Bell Rd	45	0	0
8	816	Cherry Hill Rd / Kyser Ct	0	0	0
9	597	Radio Rd	0	0	0
10	2443	Business Park Dr	0	0	0
11	1778	Park Towne Way	0	0	0
12	496	Catherine Dr	0	0	0
13	1079	Virginia Loop Rd /	24	5	0
14	1711	South Blvd	0	37	5
Totals	19910		69	42	5

Congestion Management Plan Update

Montgomery MPO

Study Name : **S US-231 AM NB Study**
 Study Date : **12/11/2013**
 Page No. : **8**

Detailed Statistics By Run

Time <= 40 MPH by Section

S US-231 AM-NB-001 t
S US-231 AM-NB-002 t
S US-231 AM-NB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Taylor Rd			
2	1868	Unnamed Rd	10	5	6
3	2178	Perimeter Pkwy	0	0	0
4	1120	Perimeter Pkwy	0	0	0
5	3308	Brewbaker Dr	0	0	0
6	1437	Jack Pine Dr	0	0	0
7	1079	Provost Ave / Bell Rd	100	0	7
8	816	Cherry Hill Rd / Kyser Ct	11	0	2
9	597	Radio Rd	0	0	0
10	2443	Business Park Dr	0	0	0
11	1778	Park Towne Way	0	0	0
12	496	Catherine Dr	0	0	0
13	1079	Virginia Loop Rd /	69	35	6
14	1711	South Blvd	9	96	53
Totals	19910		199	136	74

Congestion Management Plan Update

Montgomery MPO

Study Name : **S US-231 AM NB Study**
 Study Date : **12/11/2013**
 Page No. : **9**

Detailed Statistics By Run

Time <= 55 MPH by Section

S US-231 AM-NB-001 t
S US-231 AM-NB-002 t
S US-231 AM-NB-003 t

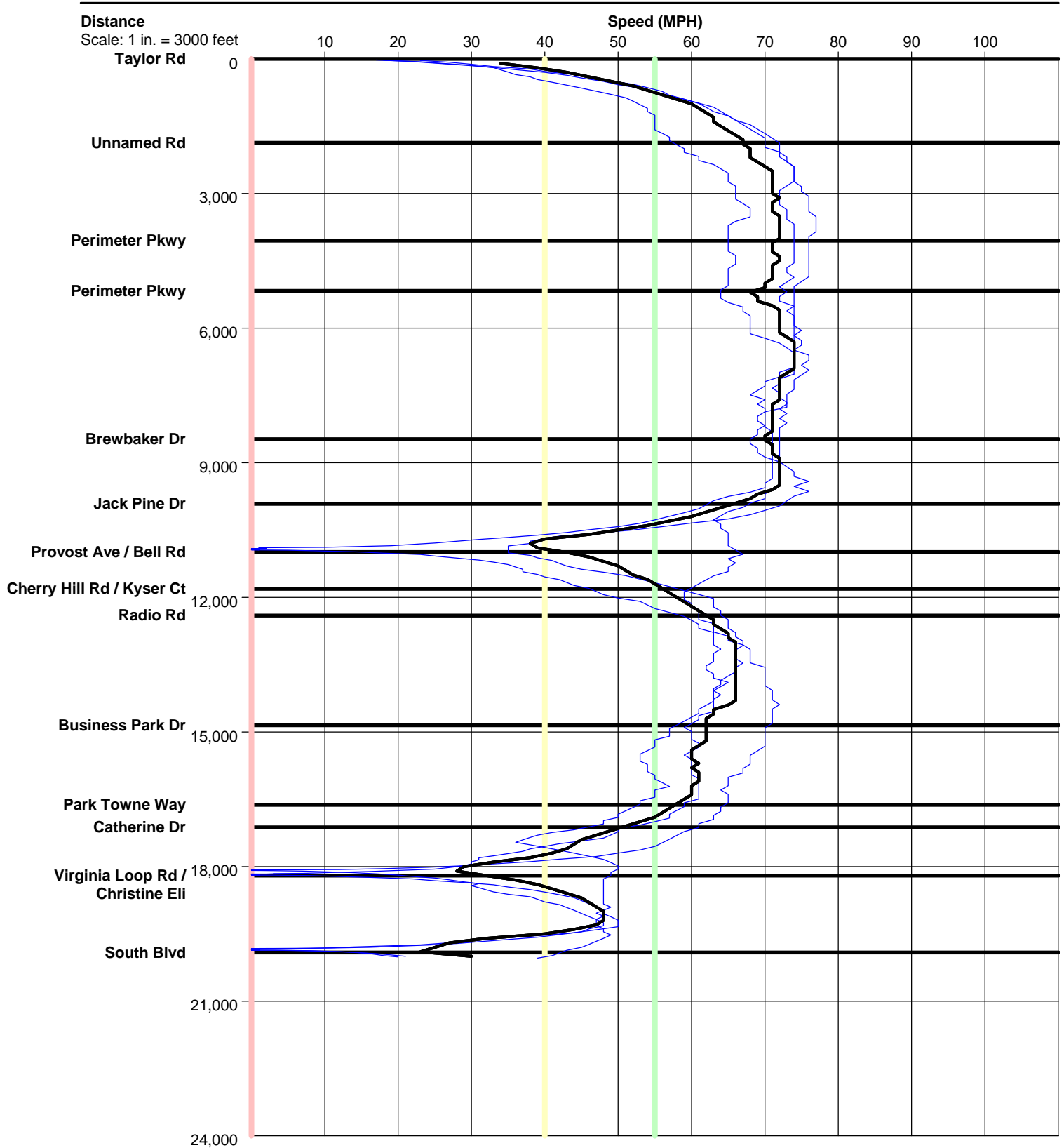
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Taylor Rd			
2	1868	Unnamed Rd	23	11	12
3	2178	Perimeter Pkwy	0	0	0
4	1120	Perimeter Pkwy	0	0	0
5	3308	Brewbaker Dr	0	0	0
6	1437	Jack Pine Dr	0	0	0
7	1079	Provost Ave / Bell Rd	105	0	10
8	816	Cherry Hill Rd / Kyser Ct	16	0	9
9	597	Radio Rd	4	0	0
10	2443	Business Park Dr	0	0	0
11	1778	Park Towne Way	0	0	12
12	496	Catherine Dr	2	0	7
13	1079	Virginia Loop Rd /	74	39	16
14	1711	South Blvd	29	108	71
Totals	19910		253	158	137

Congestion Management Plan Update

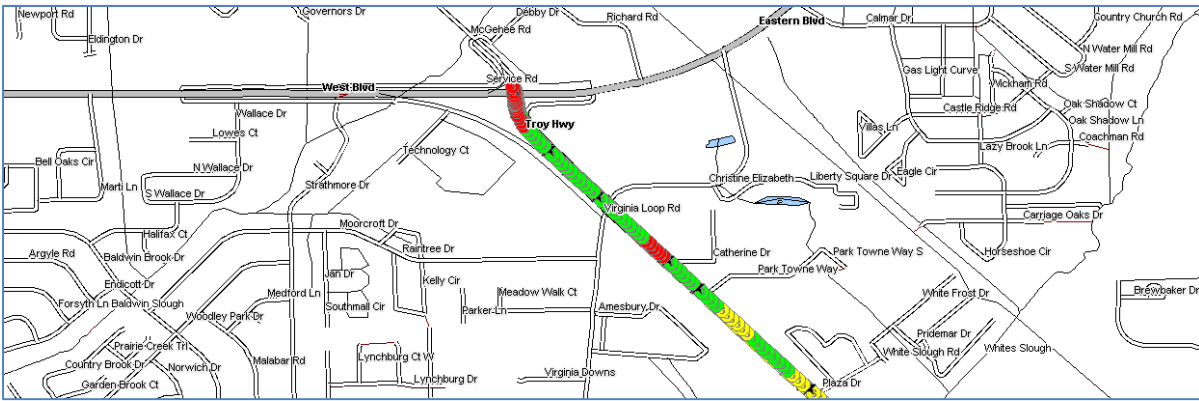
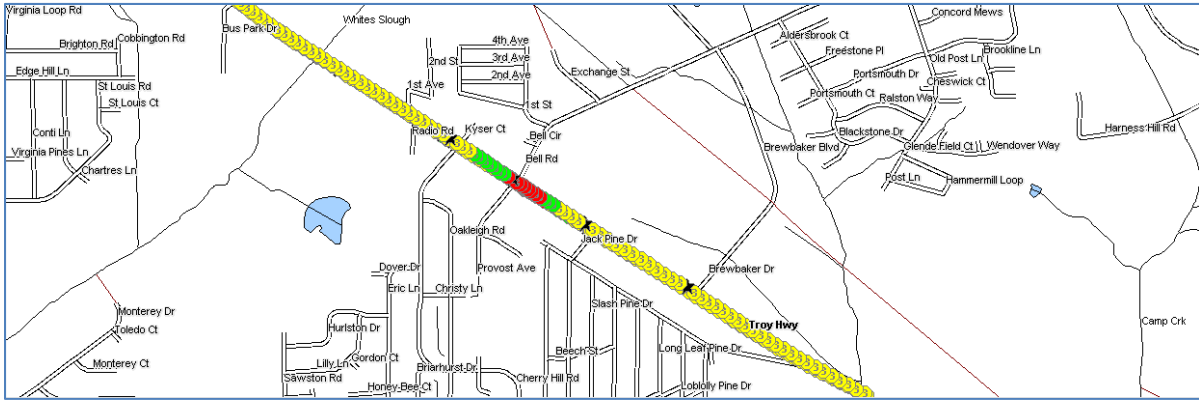
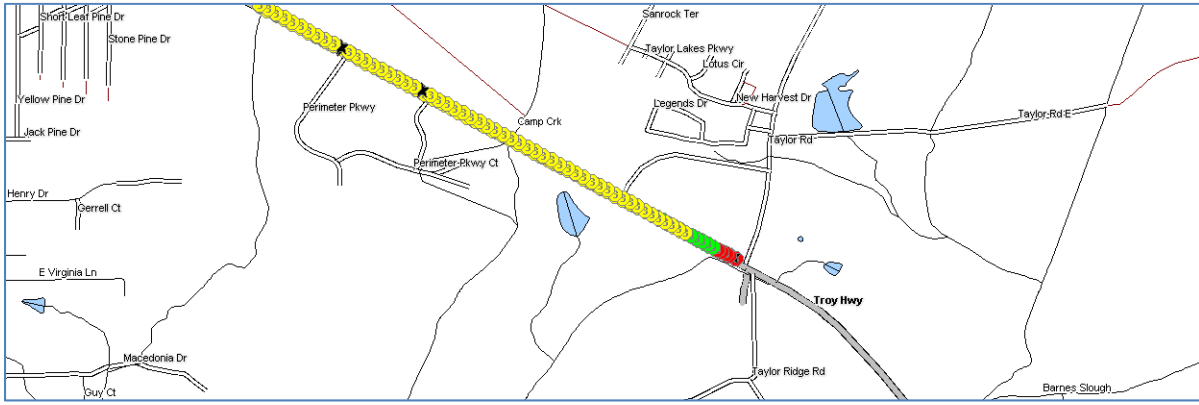
Montgomery MPO

Study Name : S US-231 AM NB Study
Study Date : 12/11/2013
Page No. : 10

Speed/Distance Profiles of All Runs



S US-231 AM NB



Color Code Speeds

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