

Congestion Management Plan Update
Montgomery MPO

PC-Travel Reports for study: S US-231 OP SB Study

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Study Name : **S US-231 OP SB Study**
 Study Date : **11/4/2013**
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Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
S US-231 OP-SB-001 t	11/04/13	14:36	19968	Before	Secondary
S US-231 OP-SB-002 t	11/04/13	14:56	20086	Before	Secondary
S US-231 OP-SB-003 t	11/04/13	15:13	20025	Before	Secondary

Notes:

Node Info

#	Len	Name
1	0	South Blvd
2	1815	Virginia Loop Rd /
3	1124	Catherine Dr
4	446	Park Towne Way
5	1813	Business Park Dr
6	2436	Radio Rd
7	668	Cherry Hill Rd / Kyser Ct
8	796	Provost Ave / Bell Rd
9	1018	Jack Pine Dr
10	1476	Brewbaker Dr
11	3253	Perimeter Pkwy
12	1138	Perimeter Pkwy
13	2222	Unnamed Rd
14	1881	Taylor Rd

Length of Study Route = 20,086 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	South Blvd							
2	1815	Virginia Loop Rd / Christine	46.7	0.3	26.5	23.7	4.7	37.3	46.7
3	1124	Catherine Dr	19.0	0.0	40.3	4.7	0.0	7.7	19.0
4	446	Park Towne Way	6.3	0.0	48.0	0.3	0.0	0.0	6.3
5	1813	Business Park Dr	23.3	0.0	53.0	1.0	0.0	0.0	18.3
6	2436	Radio Rd	30.0	0.0	55.4	1.0	0.0	2.0	11.3
7	668	Cherry Hill Rd / Kyser Ct	26.7	0.7	17.1	18.0	2.3	21.7	26.7
8	796	Provost Ave / Bell Rd	13.0	0.0	41.7	2.7	0.0	5.3	13.0
9	1018	Jack Pine Dr	13.0	0.0	53.4	0.3	0.0	0.0	7.7
10	1476	Brewbaker Dr	16.7	0.0	60.4	0.0	0.0	0.0	0.0
11	3253	Perimeter Pkwy	35.3	0.0	62.8	0.0	0.0	0.0	0.0
12	1138	Perimeter Pkwy	12.0	0.0	64.7	0.0	0.0	0.0	0.0
13	2222	Unnamed Rd	23.7	0.0	64.0	0.0	0.0	0.0	0.0
14	1881	Taylor Rd	35.7	0.7	36.0	13.3	2.0	17.7	22.0
Total	20,086		301.3	1.7	45.4	65.0	9.0	91.7	171.0

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.

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Detailed Statistics By Run

Travel Time (sec) by Section

S US-231 OP-SB-001 t
S US-231 OP-SB-002 t
S US-231 OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	South Blvd			
2	1815	Virginia Loop Rd /	70	36	34
3	1124	Catherine Dr	25	16	16
4	446	Park Towne Way	7	6	6
5	1813	Business Park Dr	25	23	22
6	2436	Radio Rd	33	27	30
7	668	Cherry Hill Rd / Kyser Ct	33	37	10
8	796	Provost Ave / Bell Rd	14	14	11
9	1018	Jack Pine Dr	14	13	12
10	1476	Brewbaker Dr	17	16	17
11	3253	Perimeter Pkwy	36	35	35
12	1138	Perimeter Pkwy	12	12	12
13	2222	Unnamed Rd	24	24	23
14	1881	Taylor Rd	39	22	46
Totals	20086		349	281	274

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Detailed Statistics By Run

Average Speed (MPH) by Section

S US-231 OP-SB-001 t
 S US-231 OP-SB-002 t
 S US-231 OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	South Blvd			
2	1815	Virginia Loop Rd /	17.9	34.4	36.6
3	1124	Catherine Dr	30.7	47.8	49.9
4	446	Park Towne Way	42.6	50.5	50.5
5	1813	Business Park Dr	50.6	53.9	55.6
6	2436	Radio Rd	49.3	61.6	55.1
7	668	Cherry Hill Rd / Kyser Ct	14.2	12.5	47.6
8	796	Provost Ave / Bell Rd	38.4	38.7	50.4
9	1018	Jack Pine Dr	51.6	53.4	55.3
10	1476	Brewbaker Dr	58.2	62.8	61.2
11	3253	Perimeter Pkwy	62.3	63.2	62.7
12	1138	Perimeter Pkwy	65.8	64.5	64.0
13	2222	Unnamed Rd	62.0	63.0	65.5
14	1881	Taylor Rd	30.8	58.2	27.1
Totals	20086		39.1	48.7	50.0

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Detailed Statistics By Run

Total Delay (sec) by Section

S US-231 OP-SB-001 t
 S US-231 OP-SB-002 t
 S US-231 OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	South Blvd			
2	1815	Virginia Loop Rd /	47	13	11
3	1124	Catherine Dr	11	2	1
4	446	Park Towne Way	1	0	0
5	1813	Business Park Dr	2	1	0
6	2436	Radio Rd	3	0	0
7	668	Cherry Hill Rd / Kyser Ct	24	29	1
8	796	Provost Ave / Bell Rd	4	4	0
9	1018	Jack Pine Dr	1	0	0
10	1476	Brewbaker Dr	0	0	0
11	3253	Perimeter Pkwy	0	0	0
12	1138	Perimeter Pkwy	0	0	0
13	2222	Unnamed Rd	0	0	0
14	1881	Taylor Rd	17	0	23
Totals	20086		110	49	36

Total Delay based on a Normal Speed of 55 MPH.

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Detailed Statistics By Run

Time <= 0 MPH by Section

S US-231 OP-SB-001 t
S US-231 OP-SB-002 t
S US-231 OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	South Blvd			
2	1815	Virginia Loop Rd /	14	0	0
3	1124	Catherine Dr	0	0	0
4	446	Park Towne Way	0	0	0
5	1813	Business Park Dr	0	0	0
6	2436	Radio Rd	0	0	0
7	668	Cherry Hill Rd / Kyser Ct	5	2	0
8	796	Provost Ave / Bell Rd	0	0	0
9	1018	Jack Pine Dr	0	0	0
10	1476	Brewbaker Dr	0	0	0
11	3253	Perimeter Pkwy	0	0	0
12	1138	Perimeter Pkwy	0	0	0
13	2222	Unnamed Rd	0	0	0
14	1881	Taylor Rd	1	0	5
Totals	20086		20	2	5

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Detailed Statistics By Run

Time <= 40 MPH by Section

S US-231 OP-SB-001 t
S US-231 OP-SB-002 t
S US-231 OP-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	South Blvd			
2	1815	Virginia Loop Rd /	64	26	22
3	1124	Catherine Dr	23	0	0
4	446	Park Towne Way	0	0	0
5	1813	Business Park Dr	0	0	0
6	2436	Radio Rd	6	0	0
7	668	Cherry Hill Rd / Kyser Ct	33	32	0
8	796	Provost Ave / Bell Rd	9	7	0
9	1018	Jack Pine Dr	0	0	0
10	1476	Brewbaker Dr	0	0	0
11	3253	Perimeter Pkwy	0	0	0
12	1138	Perimeter Pkwy	0	0	0
13	2222	Unnamed Rd	0	0	0
14	1881	Taylor Rd	25	0	28
Totals	20086		160	65	50

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Detailed Statistics By Run

Time <= 55 MPH by Section

S US-231 OP-SB-001 t
S US-231 OP-SB-002 t
S US-231 OP-SB-003 t

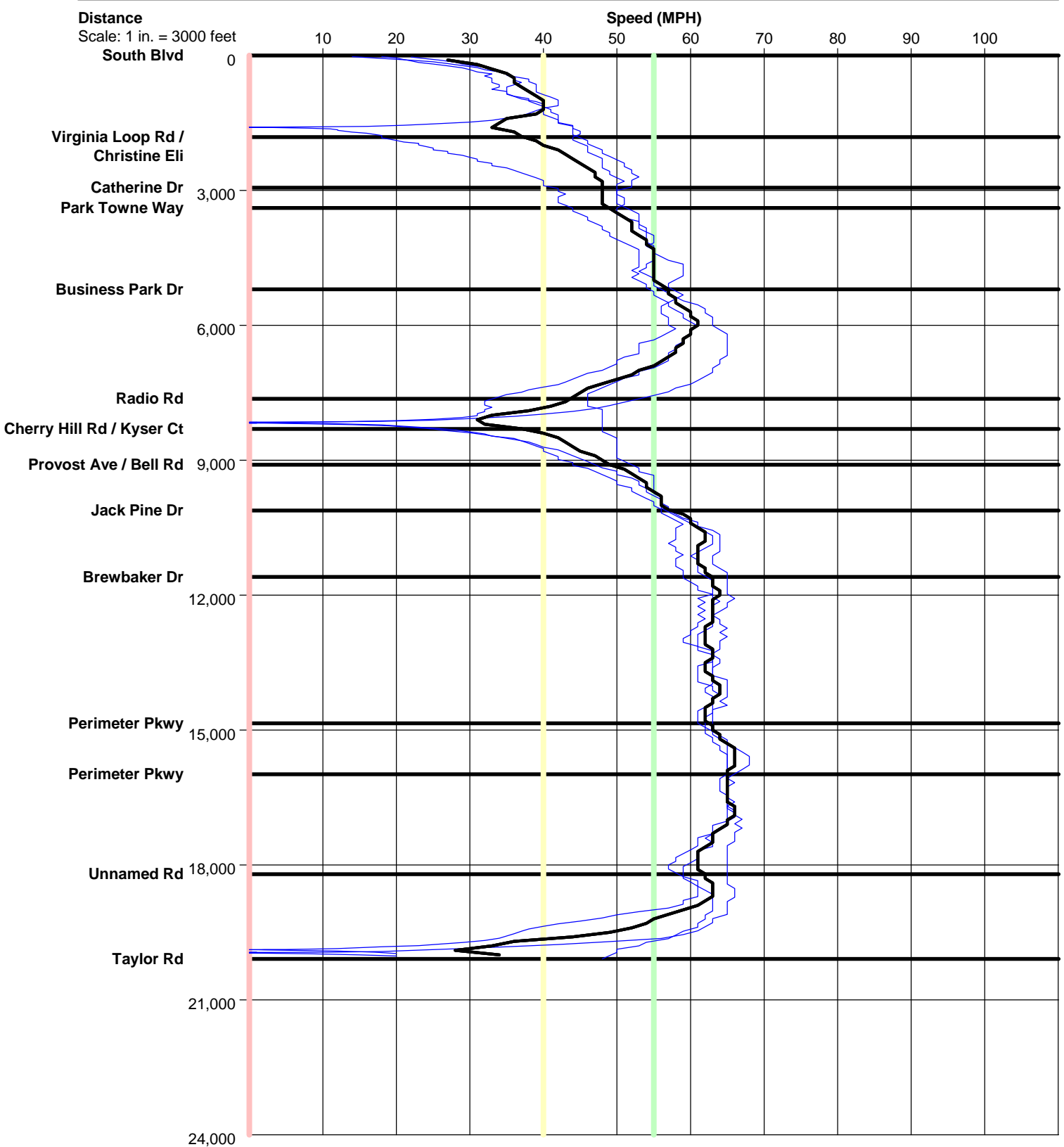
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	South Blvd			
2	1815	Virginia Loop Rd /	70	36	34
3	1124	Catherine Dr	25	16	16
4	446	Park Towne Way	7	6	6
5	1813	Business Park Dr	24	20	11
6	2436	Radio Rd	21	2	11
7	668	Cherry Hill Rd / Kyser Ct	33	37	10
8	796	Provost Ave / Bell Rd	14	14	11
9	1018	Jack Pine Dr	11	8	4
10	1476	Brewbaker Dr	0	0	0
11	3253	Perimeter Pkwy	0	0	0
12	1138	Perimeter Pkwy	0	0	0
13	2222	Unnamed Rd	0	0	0
14	1881	Taylor Rd	30	6	30
Totals	20086		235	145	133

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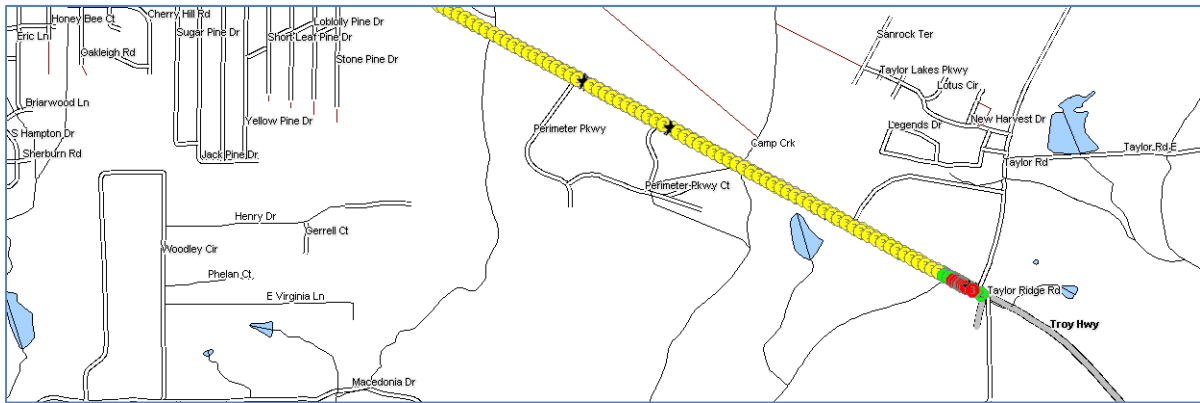
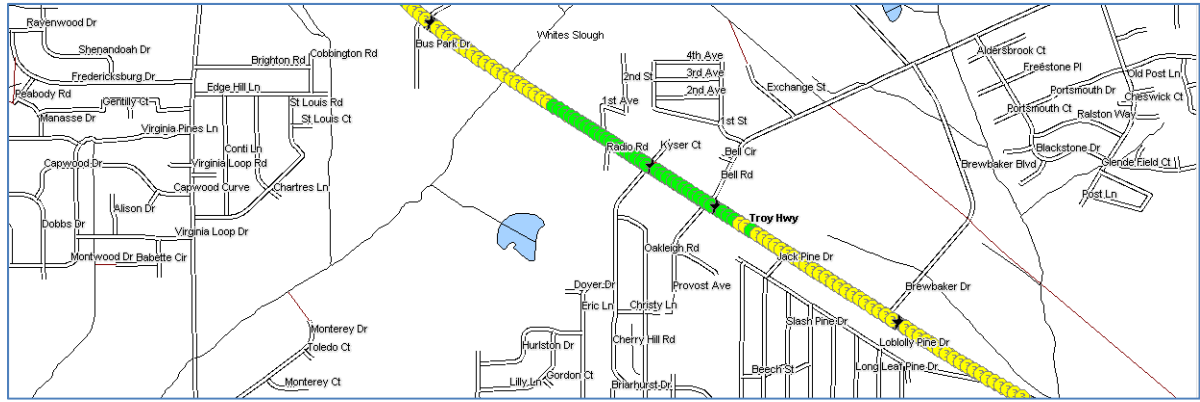
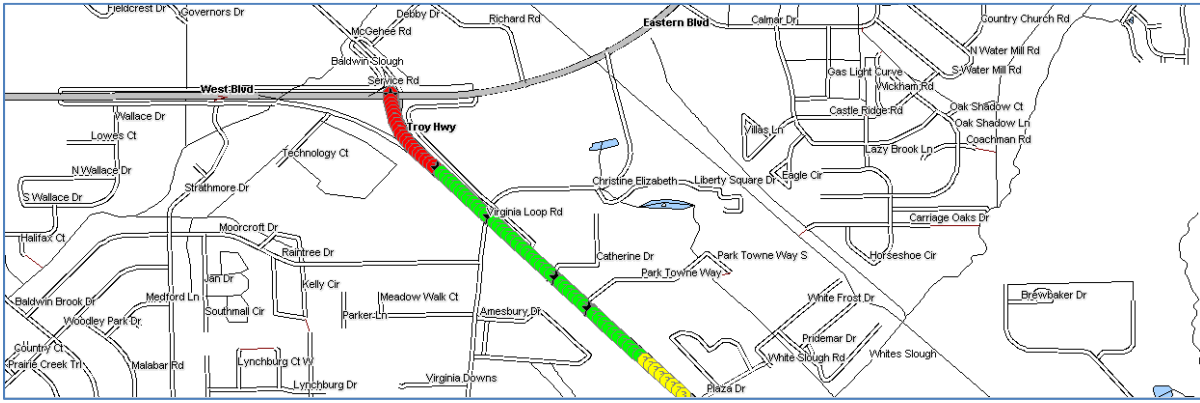
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Speed/Distance Profiles of All Runs



S US-231 OP SB



Color Code Speeds			
■ Speed 1	0	To	40
■ Speed 2	40	To	55
■ Speed 3	55	To	99