

**Congestion Management Plan Update**  
Montgomery MPO

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***PC-Travel Reports for study: Ann St PM SB Study***

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# Congestion Management Plan Update Montgomery MPO

Study Name : **Ann St PM 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
Ann St PM-SB-001 t	11/04/13	17:52	7433	Before	Secondary
Ann St PM-SB-002 t	01/06/14	15:59	7539	Before	Secondary
Ann St PM-SB-003 t	01/06/14	16:17	7613	Before	Secondary

### Notes:

### Node Info

#	Len	Name
1	0	Madison Ave
2	380	Brewton St
3	547	Brewton St
4	386	Greenville St
5	278	Geneva St
6	244	McQueen St
7	370	Spann PI / Althea St
8	380	Thrasher St
9	579	Highland Ave
10	419	Plum St
11	386	Cherry St
12	407	Locust St
13	329	Poplar St
14	312	Chesnut St
15	258	I-85 WB Ramps
16	278	I-85
17	168	I-85 EB Ramps
18	170	Spruce St
19	349	Zelda Rd
20	239	E 3rd St
21	908	E 5th St

Length of Study Route = 7,387 feet

# Congestion Management Plan Update

## Montgomery MPO

Study Name : Ann St PM SB Study

Study Date : 11/4/2013

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### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 15 MPH	Time <= 30 MPH
1	0	Madison Ave							
2	380	Brewton St	13.0	0.0	19.9	4.0	0.0	1.3	12.7
3	547	Brewton St	12.3	0.0	30.2	0.3	0.0	0.0	9.0
4	386	Greenville St	9.0	0.0	29.2	0.0	0.0	0.0	6.0
5	278	Geneva St	5.7	0.0	33.4	0.0	0.0	0.0	0.3
6	244	McQueen St	5.3	0.0	31.2	0.0	0.0	0.0	0.7
7	370	Spann PI / Althea St	7.7	0.0	32.9	0.0	0.0	0.0	3.7
8	380	Thrasher St	22.0	0.3	11.8	13.3	4.0	13.7	19.3
9	579	Highland Ave	17.0	0.3	23.2	4.0	0.0	3.0	13.0
10	419	Plum St	33.3	0.3	8.6	24.0	14.0	24.3	28.3
11	386	Cherry St	8.7	0.0	30.4	0.0	0.0	0.0	4.7
12	407	Locust St	24.0	0.7	11.6	14.7	2.0	17.3	24.0
13	329	Poplar St	42.7	0.3	5.3	34.7	20.7	34.7	42.7
14	312	Chesnut St	13.0	0.3	16.4	6.0	0.0	5.0	13.0
15	258	I-85 WB Ramps	18.7	1.0	9.4	12.0	3.3	13.7	18.7
16	278	I-85	6.7	0.0	28.4	0.7	0.0	0.0	5.0
17	168	I-85 EB Ramps	7.3	0.3	15.6	3.7	0.0	4.3	5.7
18	170	Spruce St	5.0	0.0	23.2	0.7	0.0	0.0	5.0
19	349	Zelda Rd	8.3	0.0	28.6	0.0	0.0	0.0	7.0
20	239	E 3rd St	6.0	0.0	27.2	0.0	0.0	0.0	5.3
21	908	E 5th St	20.3	0.0	30.4	1.0	0.0	0.0	9.0
<b>Total</b>	<b>7,387</b>		<b>286.0</b>	<b>3.7</b>	<b>17.6</b>	<b>119.0</b>	<b>44.0</b>	<b>117.3</b>	<b>233.0</b>

Stats based on 3 BEFORE runs.

Stops based on a Stop Speed of 5 MPH.

Total Delay based on a Normal Speed of 30 MPH.

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Ann St PM SB Study**  
 Study Date : **11/4/2013**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

Ann St PM-SB-001 t  
 Ann St PM-SB-002 t  
 Ann St PM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Madison Ave			
2	380	Brewton St	14	12	13
3	547	Brewton St	13	10	14
4	386	Greenville St	9	8	10
5	278	Geneva St	6	5	6
6	244	McQueen St	6	5	5
7	370	Spann Pl / Althea St	9	6	8
8	380	Thrasher St	48	8	10
9	579	Highland Ave	25	12	14
10	419	Plum St	10	8	82
11	386	Cherry St	9	9	8
12	407	Locust St	14	29	29
13	329	Poplar St	104	10	14
14	312	Chesnut St	9	16	14
15	258	I-85 WB Ramps	7	41	8
16	278	I-85	6	8	6
17	168	I-85 EB Ramps	3	15	4
18	170	Spruce St	4	6	5
19	349	Zelda Rd	9	8	8
20	239	E 3rd St	6	6	6
21	908	E 5th St	24	19	18
<b>Totals</b>	<b>7387</b>		<b>335</b>	<b>241</b>	<b>282</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Ann St PM SB Study**  
 Study Date : **11/4/2013**  
 Page No. : **5**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

Ann St PM-SB-001 t  
 Ann St PM-SB-002 t  
 Ann St PM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Madison Ave			
2	380	Brewton St	20.4	23.1	20.3
3	547	Brewton St	27.6	35.6	27.7
4	386	Greenville St	28.3	35.1	27.1
5	278	Geneva St	31.7	37.2	31.0
6	244	McQueen St	31.0	37.6	32.8
7	370	Spann PI / Althea St	26.6	36.5	30.8
8	380	Thrasher St	5.4	34.9	26.9
9	579	Highland Ave	16.1	33.1	26.5
10	419	Plum St	29.4	33.6	3.7
11	386	Cherry St	28.8	30.4	32.1
12	407	Locust St	18.9	9.0	10.0
13	329	Poplar St	2.3	22.7	15.2
14	312	Chesnut St	22.6	13.5	15.1
15	258	I-85 WB Ramps	27.6	4.3	24.8
16	278	I-85	31.0	22.9	29.5
17	168	I-85 EB Ramps	31.0	7.7	29.3
18	170	Spruce St	29.3	21.0	24.8
19	349	Zelda Rd	28.8	29.1	28.3
20	239	E 3rd St	25.0	26.0	30.3
21	908	E 5th St	25.8	33.3	34.4
<b>Totals</b>	<b>7387</b>		<b>15.1</b>	<b>21.0</b>	<b>18.0</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Ann St PM SB Study**  
 Study Date : **11/4/2013**  
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### Detailed Statistics By Run

#### Total Delay (sec) by Section

Ann St PM-SB-001 t  
 Ann St PM-SB-002 t  
 Ann St PM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Madison Ave			
2	380	Brewton St	5	3	4
3	547	Brewton St	0	0	1
4	386	Greenville St	0	0	0
5	278	Geneva St	0	0	0
6	244	McQueen St	0	0	0
7	370	Spann PI / Althea St	0	0	0
8	380	Thrasher St	39	0	1
9	579	Highland Ave	11	0	1
10	419	Plum St	0	0	72
11	386	Cherry St	0	0	0
12	407	Locust St	5	20	19
13	329	Poplar St	96	2	6
14	312	Chesnut St	2	9	7
15	258	I-85 WB Ramps	0	35	1
16	278	I-85	0	2	0
17	168	I-85 EB Ramps	0	11	0
18	170	Spruce St	0	2	0
19	349	Zelda Rd	0	0	0
20	239	E 3rd St	0	0	0
21	908	E 5th St	3	0	0
Totals	7387		161	84	112

Total Delay based on a Normal Speed of 30 MPH.

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Ann St PM SB Study**  
 Study Date : **11/4/2013**  
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### Detailed Statistics By Run

#### Time <= 0 MPH by Section

Ann St PM-SB-001 t  
 Ann St PM-SB-002 t  
 Ann St PM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Madison Ave			
2	380	Brewton St	0	0	0
3	547	Brewton St	0	0	0
4	386	Greenville St	0	0	0
5	278	Geneva St	0	0	0
6	244	McQueen St	0	0	0
7	370	Spann PI / Althea St	0	0	0
8	380	Thrasher St	12	0	0
9	579	Highland Ave	0	0	0
10	419	Plum St	0	0	42
11	386	Cherry St	0	0	0
12	407	Locust St	0	3	3
13	329	Poplar St	62	0	0
14	312	Chesnut St	0	0	0
15	258	I-85 WB Ramps	0	10	0
16	278	I-85	0	0	0
17	168	I-85 EB Ramps	0	0	0
18	170	Spruce St	0	0	0
19	349	Zelda Rd	0	0	0
20	239	E 3rd St	0	0	0
21	908	E 5th St	0	0	0
<b>Totals</b>	<b>7387</b>		<b>74</b>	<b>13</b>	<b>45</b>

# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Ann St PM SB Study**  
 Study Date : **11/4/2013**  
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### Detailed Statistics By Run

#### Time <= 15 MPH by Section

Ann St PM-SB-001 t  
 Ann St PM-SB-002 t  
 Ann St PM-SB-003 t

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Madison Ave			
2	380	Brewton St	4	0	0
3	547	Brewton St	0	0	0
4	386	Greenville St	0	0	0
5	278	Geneva St	0	0	0
6	244	McQueen St	0	0	0
7	370	Spann PI / Althea St	0	0	0
8	380	Thrasher St	41	0	0
9	579	Highland Ave	9	0	0
10	419	Plum St	0	0	73
11	386	Cherry St	0	0	0
12	407	Locust St	6	27	19
13	329	Poplar St	96	1	7
14	312	Chesnut St	0	8	7
15	258	I-85 WB Ramps	0	41	0
16	278	I-85	0	0	0
17	168	I-85 EB Ramps	0	13	0
18	170	Spruce St	0	0	0
19	349	Zelda Rd	0	0	0
20	239	E 3rd St	0	0	0
21	908	E 5th St	0	0	0
<b>Totals</b>	<b>7387</b>		<b>156</b>	<b>90</b>	<b>106</b>



# Congestion Management Plan Update

## Montgomery MPO

Study Name : **Ann St PM SB Study**  
 Study Date : **11/4/2013**  
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### Detailed Statistics By Run

#### Time <= 30 MPH by Section

Ann St PM-SB-001 t  
 Ann St PM-SB-002 t  
 Ann St PM-SB-003 t

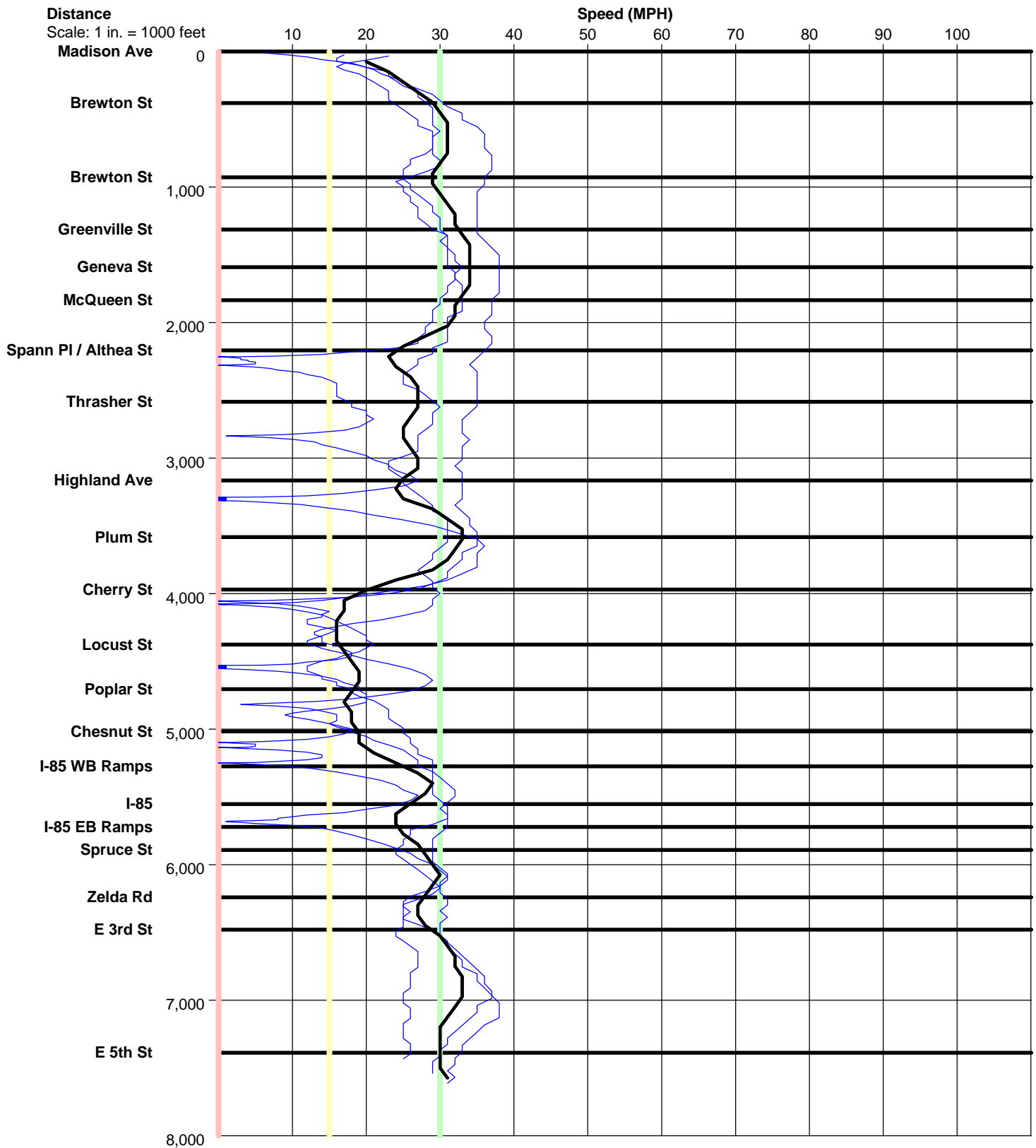
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Madison Ave			
2	380	Brewton St	14	11	13
3	547	Brewton St	13	0	14
4	386	Greenville St	9	0	9
5	278	Geneva St	0	0	1
6	244	McQueen St	2	0	0
7	370	Spann PI / Althea St	9	0	2
8	380	Thrasher St	48	0	10
9	579	Highland Ave	25	0	14
10	419	Plum St	5	0	80
11	386	Cherry St	9	3	2
12	407	Locust St	14	29	29
13	329	Poplar St	104	10	14
14	312	Chesnut St	9	16	14
15	258	I-85 WB Ramps	7	41	8
16	278	I-85	2	8	5
17	168	I-85 EB Ramps	0	15	2
18	170	Spruce St	4	6	5
19	349	Zelda Rd	7	7	7
20	239	E 3rd St	6	6	4
21	908	E 5th St	24	3	0
<b>Totals</b>	<b>7387</b>		<b>311</b>	<b>155</b>	<b>233</b>

# Congestion Management Plan Update

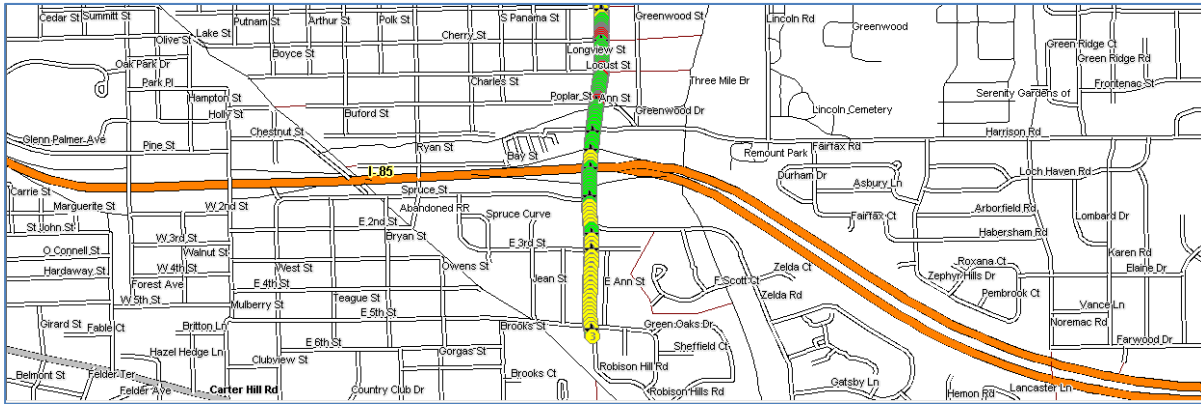
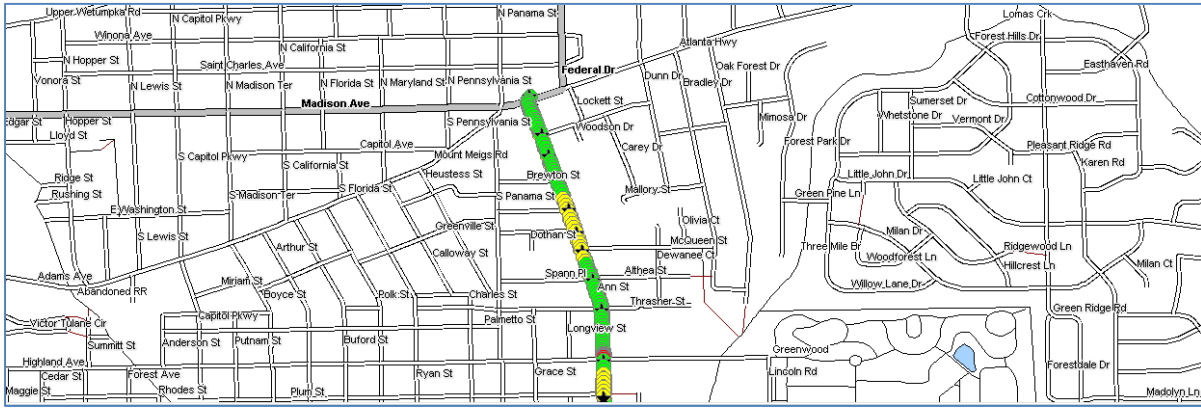
## Montgomery MPO

Study Name : Ann St PM SB Study  
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### Speed/Distance Profiles of All Runs



# Ann St PM SB



Color Code Speeds

Speed 1	0	To	15
Speed 2	15	To	30
Speed 3	30	To	99