Montgomery Area Metropolitan Planning Organization (MPO)
Meeting Minutes
February 24, 2014

Members
Mayor Todd Strange, City of Montgomery
Mayor Bill Gillespie, City of Prattvill
Mayor Jerry Willis, City of Wetumpka, MPO Vice-Chairman
Mr. Robert Smith, MPO Secretary
Councilman, Charles Jinright, City of Montgomery
Commissioner Elton Dean, Montgomery County
Councilman Calhoun, City of Montgomery
Commissioner, David Bowen,
Mayor Connie Hand, Town of Coosada
Mayor Al Kelley, Town of Millbrook

Non-Voting Members
Mr. Kelvin Miller, MATS
Mr. Greg Clark ,CARPDC
Mayor Gordon Stone, Town of Pike Road
Guests

Mr. Alan Axford, CARPDC
Mr. Jerry Peters, Town of Millbrook
Mr. David Bollie, ALDOT 6th Division
Mr.Richie Beyer, Elmore County
Mr. Stuart Peters, Landmark Engineers
Ms. Karen Carr-Jones, ALDOT
Mr. Norman Holman, ALDOT
Ms. Becky Malenke, Neel-Schaffer Inc.
Mr. Jim Meads, Sain Associates
Mr. Brian Hogge, FHWA
Mr. David Robison, City of Wetumpka
Mr. Allen Thames, Neel-Schaffer Inc.
Mr. Joel Duke, City of Prattville
Mr. James Kelley, Montgomery County

MPO Staff
Mr. Kindell Anderson
Mr. James Askew
Mrs. April Delchamps
Mrs. Lisa Walters

At the regularly scheduled meeting of the Montgomery Metropolitan Planning Organization (MPO) on February 24, 2014 at 12:00 a.m. at the City of Wetumpka Civic Center, Wetumpka Alabama the aforementioned members were present. A quorum was reached, with 10 voting members present; the meeting was called to order at 12:10 a.m. by Chairman Charles Jinright.

Agenda Item 3: Introduction of Guest: Becky Malenke, Brian Hogge, and Allen Thames

Agenda Item 4: Approval of Meeting Minutes (Action Item) Minutes from the previous MPO meeting, Councilman Calhoun made a motion to accept the minutes and Mayor Willis seconded. The agenda item passed unanimously and without any further discussion.

Agenda Item 5: FY 2012-2015 TIP Amendments. Mr. Smith gave details about each project: The TCC and CAC Committees did review and approve of the projects in the TIP.

- Page 2 is a City of Montgomery project for Alabama River Parkway from Northern Blvd to North of Coosada Ferry Road, a distance of 1.72 miles. The funding source Alabama Transportation Improvement Program (ATRIP) Funds, the federal match will cover $1,124,080 and local match $281,020 total cost $1,405,100. (**The Bicycle and Pedestrian Plan included : Bicycles (no), Pedestrian (yes)**
- Page 3 is an Autauga County Commission project for bridge replacement on CR-85 over Pine Level Branch BIN#10077. The funding source Alabama Transportation Improvement Program (ATRIP) Funds, the federal match will cover $360,000 and local match $90,000 total cost $450,000.(**The Bicycle and Pedestrian Plan included: Bicycles (yes), Pedestrian (no).**
- Page 4 is an Autauga County Commission project for resurfacing CR-57 from CR-40 to Chilton County Line, a distance of 10.01 miles. The funding source Alabama Transportation Improvement Program (ATRIP) Funds, the federal match will cover $1,200,000 and local match $300,000 total cost $1,500,000. **(The Bicycle and Pedestrian Plan included: Bicycles (no), Pedestrian (no).**
- Page 5 is an Autauga County Commission project bridge replacement on CR-85 over South Mortar Creek and Mortar Creek (BIN #9760, #9761. The funding source Alabama Transportation Improvement Program (ATRIP) Funds. The federal match will cover $720,000 and local match $180,000 and total cost $900,000. **(The Bicycle and Pedestrian Plan included: Bicycles (no) and Pedestrian (no).**
- Page 6 is a City of Prattville project for resurfacing Cobbs Ford Rd from McQueen Smith Rd to US-82, a distance of 0.9 miles. The funding source Surface Transportation Other Program (STPOA) Funds; the federal match will cover $410,800 and local match $102,200 total cost $513,000. (**The Bicycle and Pedestrian Plan included: Bicycles (yes), Pedestrian (no). This project is for a cost increase from $502,791 to $513,000 to cover increased construction cost. Total increase is $10,209 for which $8,249 is federal and $2,041 is local match.**

After Mr. Smith presented the projects to the MPO, a motion was made by Mayor Kelley and seconded by Mayor Gillespie to adopt the FY 2012 -2015 TIP Amendments. The agenda item passed unanimously and without any further discussion.

Agenda Item 6: Draft Public Participation Plan (PPP)(Action Required) The draft 2013 Public Participation plan details federal guidelines which govern the transportation planning process and how the public can become involved in the tri-county transportation planning process. In addition, to the public involvement meeting, a 45- day comment period was held to solicit comments; there were no comments from any of the various locations and on the Internet website. A motion was made by Councilman Jinright to adopt the draft, and seconded by Councilman Calhoun. The agenda item passed unanimously and without any further discussion.

Agenda Item 7: Congestion Management System Update: ADD INFORMATION:

Agenda Item8: Transportation Projects Status (ALDOT) (David Bollie),

- The Outer Loop first phase has a completion date of December 2014.
- The Perry Hill Road project completion date is November 2014
- State Route 14 Old Farm Lane in Prattville is almost complete
- U.S. 82 in Prattville was schedule for 175 working days, is a little behind
- Old Farm Lane (Prattville) is almost done, working on punch list items.
- Chantilly Parkway is waiting for authorization for widening from four lanes to five.

Agenda Item 9: Other Issues/ Business/Concerns: (1) Question regarding the new charter, (2) Creating improvements for access on Wares Ferry Road at I-85 interchange.

Agenda Item 10 Adjournment: There were no other issues or concerns for discussion, the MPO adjourned at 1:10 p.m.

Montgomery MPO Resolution Final Public Participation Plan

Montgomery Metropolitan Planning Organization (MPO) Adopting the Final Public Participation Plan as Prepared by the Montgomery MPO Transportation Planning Staff

WHEREAS, the Montgomery Metropolitan Planning Organization (MPO) is the organization designated by the Governor of the State of Alabama as being responsible, together with the State of Alabama, for implementing the applicable provisions of 23 USC 134, and 135 (amended by MAP-21, Section 1201 and 1202, July 2012); 42 USC 2000d-1,42 USC 7401; 23 CFR 450 and 500; 40 CFR 51 and 93; and

WHEREAS, the U.S. Department of Transportation requires all urbanized areas, as established by the U.S. Bureau of the Census, doing area-wide urban transportation planning that involves more than one Department of Transportation operating administration, to submit a {ublic Participation Plan as a condition for meeting the provisions of Title 23, U.S. Code, Section 134; and,

WHEREAS, consistent with the declaration of these provisions, the Montgomery Metropolitan Planning Organization Transportation Planning Staff, in cooperation with the Alabama Department of Transportation, has prepared a Final Public Particpation Plan; and,

WHEREAS, pursuant to its duties, functions, and responsibilities, the Montgomery Metropolitan Planning Organization (MPO) on this the 24th Day of February 2014, did review and evaluate the aforementioned Public Participation Plan, summarized on the attached pages; now,

THEREFORE BE IT RESOLVED by the Montgomery Metropolitan Planning Organization (MPO) that the same does hereby endorse and adopt said Final Public Participation Plan as written.

Charles Jinright, MPO Chairman

Date: February 24, 2014

ATTEST:

Robert E. Smith, MPO Secretary

Montgomery MPO Resolution

To Amend the FY 2012-2015 Transportation Improvement Program (TIP)

To Add the Following Projects by Addendum

Project Number	Type Work	Project Description/Location	Total Cost	Fiscal Year	County
1. ATRIP-24-AM ACAA61049ATRP(001) 100061049	CN	Resurface AL. River Parkway from N. Blvd to North of Coosada Rd (Distance: 1.72 miles)	$ 1,405,100	FY-2016	Montgomery

Funding Source: Alabama Transportation Improvement Program (ATRIP) Funds

CN Funds:
Federal (80%): $ 1,124,080
Sponsor – (20% City of Montgomery match) $ 281,020

Total Funds: $ 1,405,100

Functional Classification –Arterial

2. ATRIP-25-AM ACAA61035ATRP(001) 100061035	CN	Bridge Replacement on CR-85 over Pine Level Branch BIN#10077 (Distance N/A)	$ 450,000	FY-2015	Autauga

Funding Source: Alabama Transportation Improvement Program (ATRIP) Funds

CN Funds:
Federal (80%): $ 360,000
Sponsor – (20% Autauga Co. Comm match): $ 90,000

Total Funds: $ 450,000
Functional Classification – Collector

3. ATRP-26-AM ACAA61036ATRP(001) 100061036	CN	Resurface CR-57 from CR-40 to Chilton Co. Line (Distance 10.01 miles)	$ 1,500,000	FY-2014	Autauga

Funding Source: Alabama Transportation Improvement Program (ATRIP) Funds

CN Funds:
Federal (80%): $ 1,200,000
Sponsor – (20% Autauga Co match): $ 300,000

Total Funds: $ 1,500,000
Functional Classification – Collector

4. ATRIP-27-AM ACAA61098ATRP(001) 100061086	PE	Bridge Replacement on CR-85 (S. Mortar Cr and Mortar Creek) (BIN# 9760&9761) (Distance N/A)	$ 900,000	FY-2015	Montgomery

Funding Source: Alabama Transportation Improvement Program (ATRIP) Funds

CN Funds:
Federal (80%): $ 720,000
Sponsor – (20% City of Montgomery match): $ 180,000

Total Funds: $ 900,000
Functional Classification – Collector

5. P-9-AM STPOA-7804(602) 100054294	CN	Landscape Improvements on Dexter Ave from Court Sq. to Bainbridge St (Distance .22 miles)	$ 513,000	FY-2014	Autauga

Funding Source: Alabama Transportation Improvement Program (ATRIP) Funds

CN Funds:

Federal (80%):	$ 410,800
Sponsor – (20% City of Prattville match):	$ 102,200
Total Funds:	$ 513,000

Functional Classification – Arterial

This project is for a cost increase from $502,791 to $513,000 for increased construction costs. Amount of increase is $10,000 with $8,249 federal and $2,041 local match.

ADOPTED THIS THE 24th DAY OF February, 2014

Councilman Charles Jinright, MPO Chairman

Attest:

Mr. Robert Smith, MPO Secretary

RES-20-2012-2015 – 19th in FY 2012-2015TIP

Montgomery Metropolitan Planning Organization

Congestion Management Process Status Update

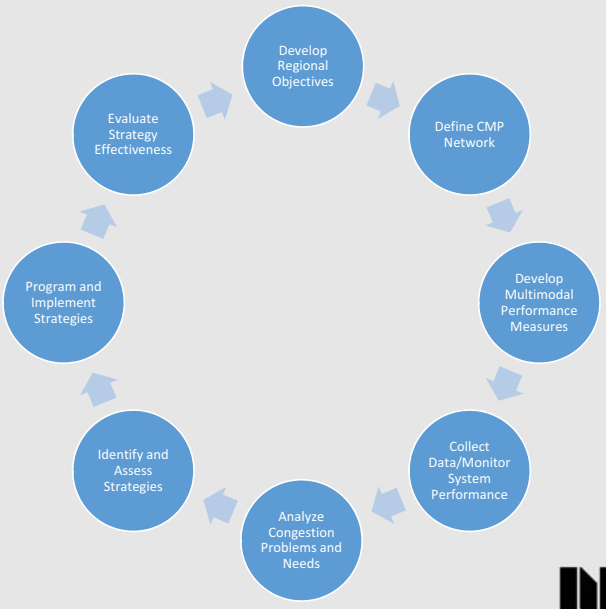
January 21, 2014

Presented by

Congestion Management Process Status Update

A CMP will help the MPO to:

- Identify congestion problem locations;
- Determine the causes of this congestion;
- Develop and evaluate alternative strategies to mitigate congestion; and
- Measure the progress of implemented strategies in reducing congestion.



Congestion Management Process Status Update

The main shift with the implementing of a Congestion Management Process (CMP) rather than a Congestion Management System is that it should measure the progress of implemented strategies in reducing congestion.

The 2003 and 2008 Congestion Management System Plans for Montgomery did not address this.

Congestion Management Process Status Update

CMP Goals and Objectives

Goal 1: To provide effective management of new and existing transportation facilities through use of travel demand reduction and operational management strategies.

- Objective 1: Reduce travel times on major routes.
- Objective 2: Reduce single occupancy travel and encourage other modes of travel.
- Objective 3: Utilize cost-effective, widening and non-widening solutions to improve capacity.
- Objective 4: Improve access management along major corridors.

Congestion Management Process Status Update

CMP Goals and Objectives

Goal 2: Optimize the safety of the current transportation network.

- Objective 1: Identify areas that have an unacceptably high number of crashes.
- Objective 2: Reduce impact from non-reoccurring congestion through efficient use of ITS.
- Objective 3: Reduce reoccurring congestion on corridors through mitigation techniques such as signal timing and capacity improvements.
- Objective 4: Reduce number of crashes on system.

Congestion Management Process Status Update

CMP Goals and Objectives

Goal 3: Optimize the effectiveness and reliability of the regional transportation network.

- Objective 1: Reduce response and clearance times from non-reoccurring congestion.
- Objective 2: Reduce delays from reoccurring congestion on corridors.

Congestion Management Process Status Update

CMP Goals and Objectives

Goal 4: Increase Multimodal Transportation Access.

- Objective 1: Increase convenience of transit system trips.
- Objective 2: Increase safety and convenience of bicycle and pedestrian trips.

Congestion Management Process Status Update

Study Network

- Geographical Limits
  - Montgomery County
  - Autauga County
  - Elmore County
- System Limits by Mode
  - Vehicular
- System Limits by Subset
  - Functional Class

Used	Functional Classification
✓	Interstate
✓	Freeway/Expressway
✓	Principal Arterial
✓	Minor Arterial
×	Major Collector
×	Minor Collector

Congestion Management Process Status Update

Objectives and Performance Measures

Goal 1: To provide effective management of new and existing transportation facilities through use of travel demand reduction and operational management strategies		
Objectives	**Local Performance Measures**	**Regional Performance Measures**
Reduce travel times on major routes.	Travel Time/Delay on Corridor	Hours of Travel when Volume to Capacity >1.0
Reduce single occupancy travel and encourage other modes of travel.	Transit Usage on Corridor Miles of Sidewalks and Bicycle Lanes	Vehicle Occupancy Rates Transit Crowding
Utilize cost-effective, widening and non-widening solutions to improve capacity.	Volume to Capacity Ratios	Volume to Capacity Ratios
Improve access management along	Number of Entrances	Hours of Travel when Volume

Congestion Management Process Status Update

Objectives and Performance Measures

Goal 2: Optimize the safety of the current transportation network.		
Objectives	**Local Performance Measures**	**Regional Performance Measures**
Identify areas that have an unacceptably high number of crashes.	Number of Crashes	Number of Crashes
Reduce impact from non-reoccurring congestion through efficient use of ITS.	Number of Crashes	Number of Crashes
Reduce reoccurring congestion on corridors through mitigation techniques such as signal timing and capacity improvements.	Intersection Capacity	Hours of Travel when Volume to Capacity >1.0
Reduce number of crashes on system.	Number of Crashes	Number of Crashes

Congestion Management Process Status Update

Objectives and Performance Measures

Goal 3: Optimize the effectiveness and reliability of the regional transportation network.		
Objectives	**Local Performance Measures**	**Regional Performance Measures**
Reduce response and clearance times from non-reoccurring congestion.	Response and Clearance Times	Response and Clearance Times
Reduce delays from reoccurring congestion on corridors.	Travel Time/Delay on Corridor	Hours of Travel when Volume to Capacity >1.0

Congestion Management Process Status Update

Objectives and Performance Measures

Goal 4: Increase Multimodal Transportation Access.		
Objectives	**Local Performance Measures**	**Regional Performance Measures**
Increase convenience of transit system trips.	Transit Usage on Corridor	Transit Crowding
Increase safety and convenience of bicycle and pedestrian trips.	Miles of Sidewalks and Bicycle Lanes	Miles of Sidewalks and Bicycle Lanes

Congestion Management Process Status Update

Data Inventory – What We Have

- Volume to Capacity Ratios
- Travel Times
- Crashes

Congestion Management Process Status Update

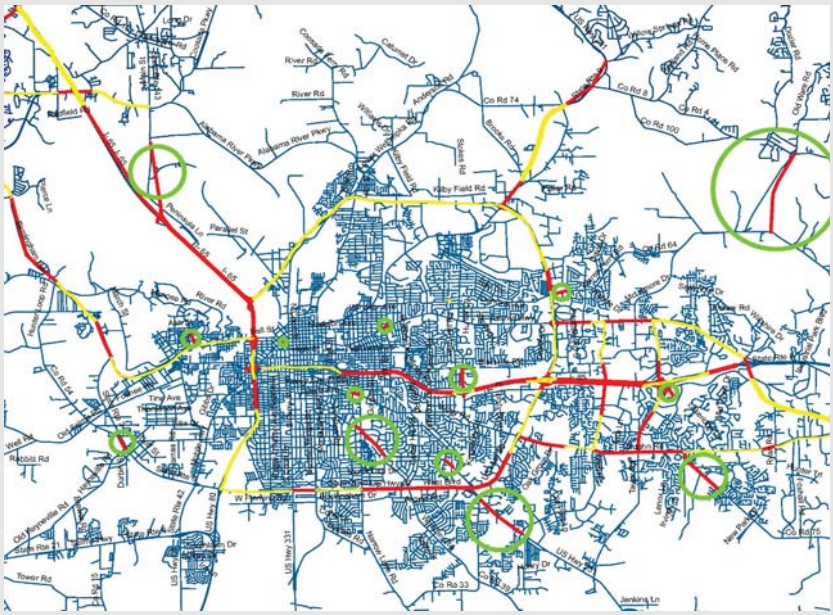
Data Inventory – What We May Need

- Vehicle Occupancy Rates
- Transit Crowding
- Response and Clearance Times
- Sidewalk and Bicycle Lane Miles
- After Travel Times

Congestion Management Process Status Update

Data Inventory – What We Have

- Volume to Capacity Ratios



LEGEND

High Congestion

Moderate Congestion

Congestion Management Process Status Update

Data Inventory – What We Have

- Volume to Capacity Ratios

V/C Ratio	Congestion Level	Miles of Roads	Percent of Roads
V/C <= 0.8	No \ low congestion	1121	35.1%
V/C > 0.8 and <= 0.90	Moderate congestion	267	8.4%
V/C > 0.90 and <= 1.0	High Congestion	245	7.7%
V/C > 1.0	Severe Congestion	1563	48.9%
	TOTAL MILES OF ROADS:	3196	

Congestion Management Process Status Update

Data Inventory – What We Have

- Crashes
  - Looked at crashes between 2010 and 2012 (3 years)
  - MPO prepared crash maps
  - Developed crash rates for intersection and corridors that had the highest crash rates based on the exhibits in the following slides.

Congestion Management Process Status Update

Data Inventory – What We Have

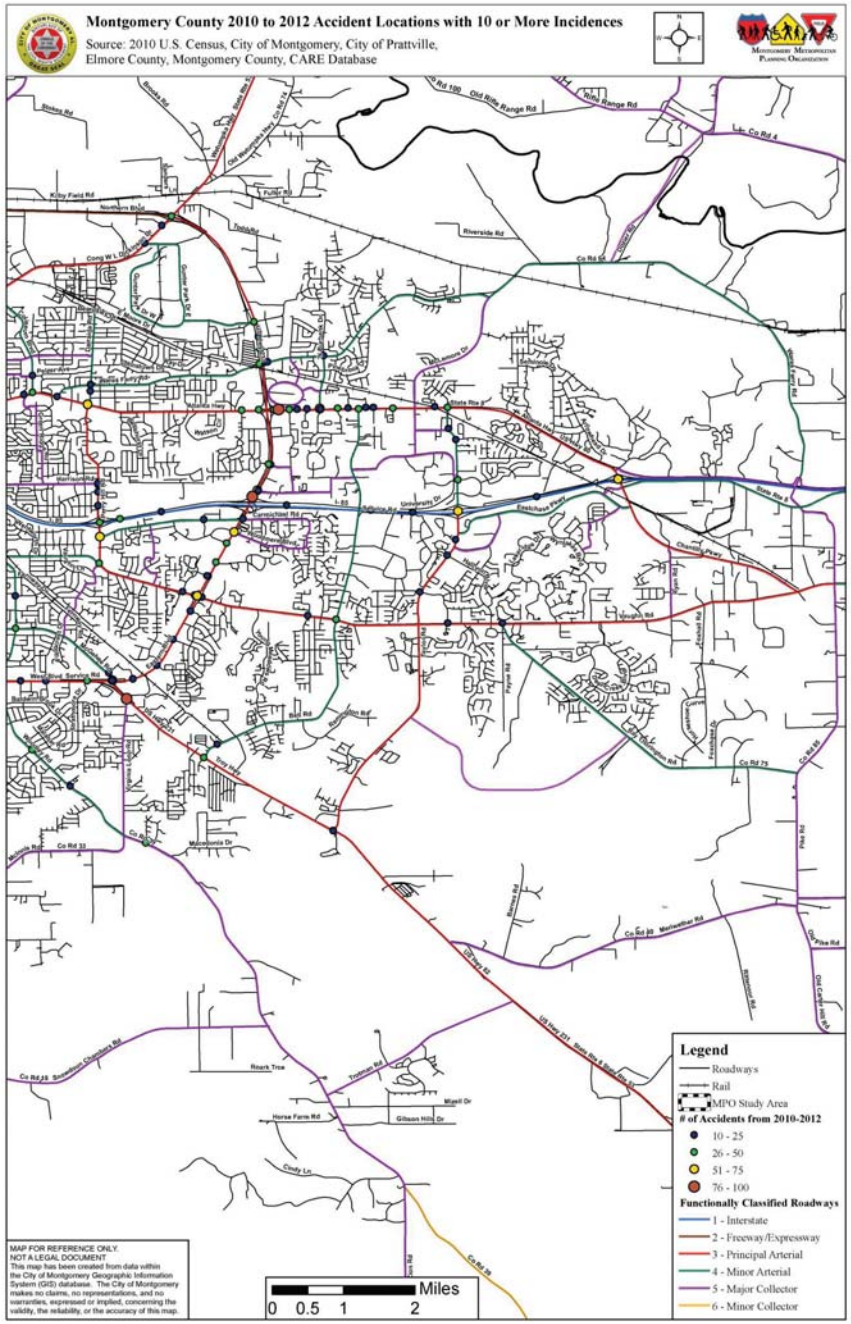
- Crashes Data

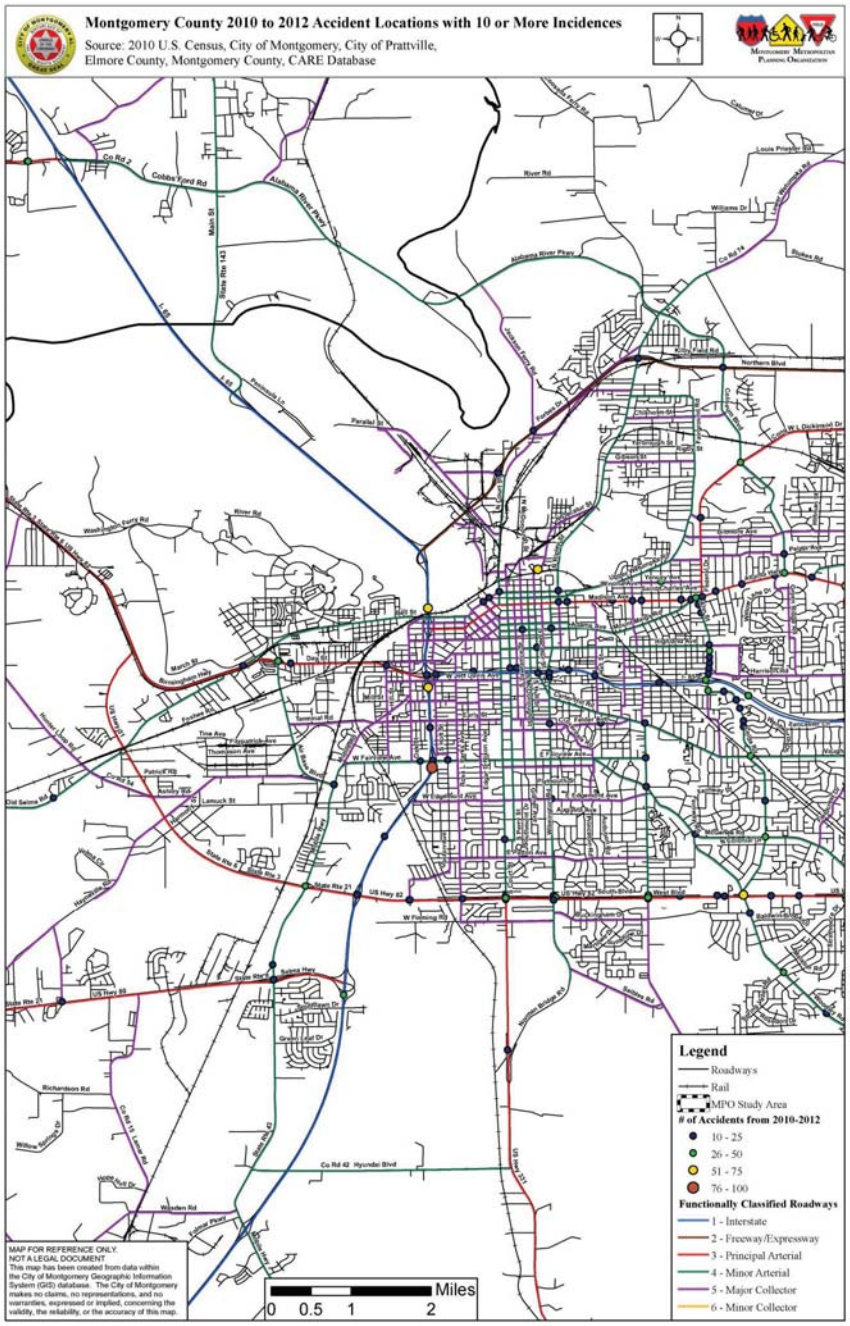
10-25 Accidents (One every 2-4 months)

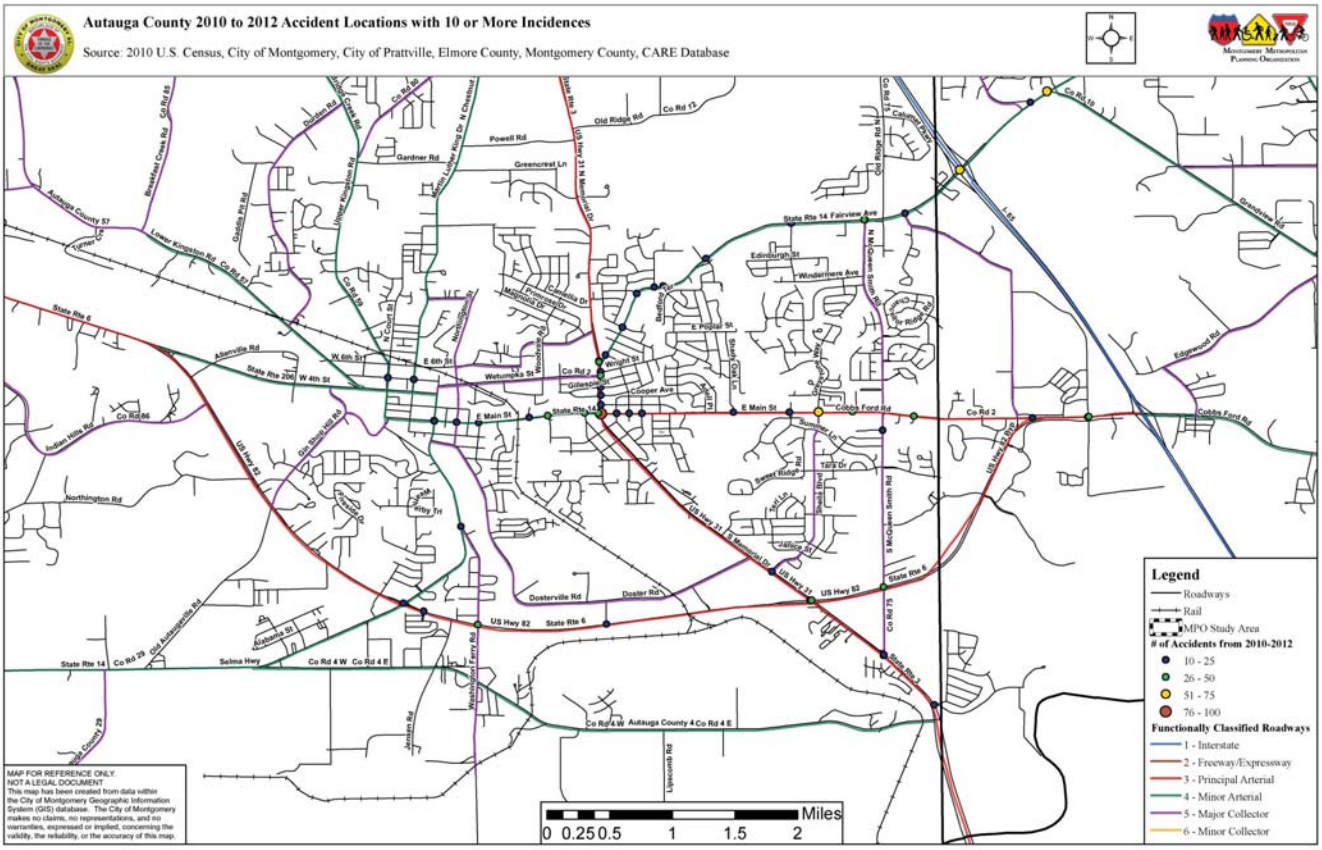
26-50 Accidents (One every 3 weeks - 2 months)

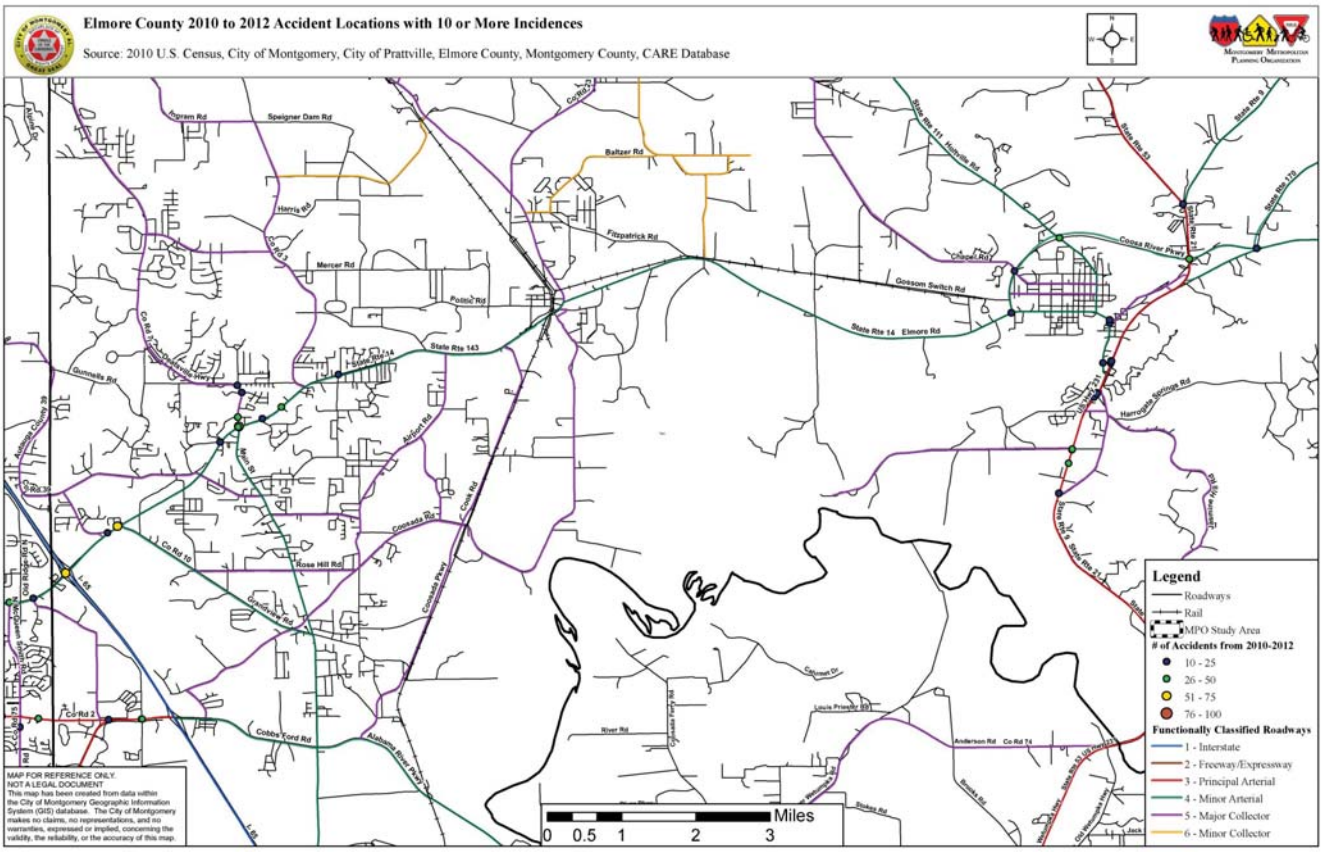
51-75 Accidents (One every 2 - 3 weeks)

76-100 Accidents (One every few days - 2 weeks)


Montgomery County 2010 to 2012 Accident Locations with 10 or More Incidences
Source: 2010 U.S. Census, City of Montgomery, City of Prattville,
Elmore County, Montgomery County, CARE Database
Legend
Roadways
Rail
MPO Study Area
# of Accidents from 2010-2012
10 - 25
26 - 50
51 - 75
76 - 100
Functionally Classified Roadways
1 - Interstate
2 - Freeway/Expressway
3 - Principal Arterial
4 - Minor Arterial
5 - Major Collector
6 - Minor Collector
MAP FOR REFERENCE ONLY.
NOT A LEGAL DOCUMENT
This map has been created from data within the City of Montgomery Geographic Information System (GIS) database. The City of Montgomery makes no claims, no representations, and no warranties, expressed or implied, concerning the validity, the reliability, or the accuracy of this map.
Miles
0 0.5 1 2


Montgomery County 2010 to 2012 Accident Locations with 10 or More Incidences
Source: 2010 U.S. Census, City of Montgomery, City of Prattville,
Elmore County, Montgomery County, CARE Database
Legend
Roadways
Rail
MPO Study Area
# of Accidents from 2010-2012
10 - 25
26 - 50
51 - 75
76 - 100
Functionally Classified Roadways
1 - Interstate
2 - Freeway/Expressway
3 - Principal Arterial
4 - Minor Arterial
5 - Major Collector
6 - Minor Collector
MAP FOR REFERENCE ONLY.
NOT A LEGAL DOCUMENT
This map has been created from data within the City of Montgomery Geographic Information System (GIS) database. The City of Montgomery makes no claims, no representations, and no warranties, expressed or implied, concerning the validity, the reliability, or the accuracy of this map.
Miles
0 0.5 1 2


Autauga County 2010 to 2012 Accident Locations with 10 or More Incidences
Source: 2010 U.S. Census, City of Montgomery, City of Prattville, Elmore County, Montgomery County, CARE Database
Legend
Roadways
Rail
MPO Study Area
# of Accidents from 2010-2012
10 - 25
26 - 50
51 - 75
76 - 100
Functionally Classified Roadways
1 - Interstate
2 - Freeway/Expressway
3 - Principal Arterial
4 - Minor Arterial
5 - Major Collector
6 - Minor Collector
Miles
0 0.25 0.5 1 1.5 2
MAP FOR REFERENCE ONLY.
NOT A LEGAL DOCUMENT
This map has been created from data within the City of Montgomery Geographic Information System (GIS) database. The City of Montgomery makes no claims, no representations, and no warranties, expressed or implied, concerning the validity, the reliability, or the accuracy of this map.


Elmore County 2010 to 2012 Accident Locations with 10 or More Incidences
Source: 2010 U.S. Census, City of Montgomery, City of Prattville, Elmore County, Montgomery County, CARE Database
Legend
Roadways
Rail
MPO Study Area
# of Accidents from 2010-2012
10 - 25
26 - 50
51 - 75
76 - 100
Functionally Classified Roadways
1 - Interstate
2 - Freeway/Expressway
3 - Principal Arterial
4 - Minor Arterial
5 - Major Collector
6 - Minor Collector
Miles
0 0.5 1 2 3
MAP FOR REFERENCE ONLY.
NOT A LEGAL DOCUMENT
This map has been created from data within the City of Montgomery Geographic Information System (GIS) database. The City of Montgomery makes no claims, no representations, and no warranties, expressed or implied, concerning the validity, the reliability, or the accuracy of this map.

Congestion Management Process Status Update

Data Inventory – What We Have

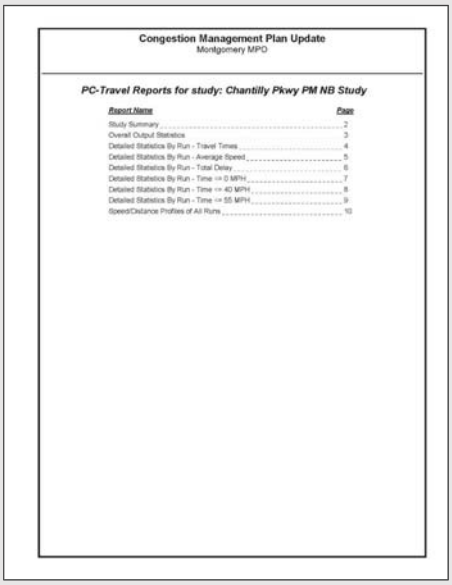
- Travel Times
  - Corridor selection was based on V/C ratios >1.5.
  - Additional corridors included based upon request by MPO staff.

Segment	From	To	Mileage
Ann St	E 5th Ave	Atlanta Hwy	1.47
Atlanta Hwy	East Blvd	Chantilly Pkwy	4.46
Bell Rd	Atlanta Hwy	Vaughn Rd	2.98
Carter Hill Rd	Vaughn Rd	McGehee Rd	1.06
Chantilly Pkwy	I-85	Vaughn Rd	2.73
Cobbs Ford Rd	I-65	SR-143	1.62
East Blvd	Wetumpka Hwy	Troy Hwy	7.55
I-65	SR-14	W Selma Hwy	13.72
I-85	I-65	Exit #16 (Waugh) / CR-126	15.71
Main St (Prattville)	Memorial Dr	I-65	3.58
Maxwell Blvd	US-31	I-65	3.52
Northern Blvd	I-65	Wetumpka Hwy	6.52
Old Carter Hill Rd	Old Pike Rd	US-231	6.33
Perry Hill Rd	Atlanta Hwy	Harrison Rd	1.13
Perry Hill Rd	Harrison Rd	I-85	0.51
Perry Hill Rd	I-85	Vaughn Rd	0.58
Pike Rd	US-80	Old Pike Rd	6.55
Ray Thorington Rd	Vaughn Rd	Pike Rd	4.37
South Blvd	Troy Hwy	I-65	5.44
SR-14	Main St (Prattville)	SR-143 N	10.5
SR-143	SR-14	I-65	6.74
Taylor Rd	Atlanta Hwy	Vaughn Rd	3.15
US-31	Main St (Prattville)	West Blvd	7.78
US-231 (North)	Northern Blvd	Jasmine Hill Rd	4.08
US-231 (South)	South Blvd	Taylor Rd	3.42
Vaughn Rd	East Blvd	Belser Blvd	8.92
Zelda Rd	Vaughn Rd	Ann St	1.09

Congestion Management Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed


Congestion Management Plan Update
Montgomery MPO

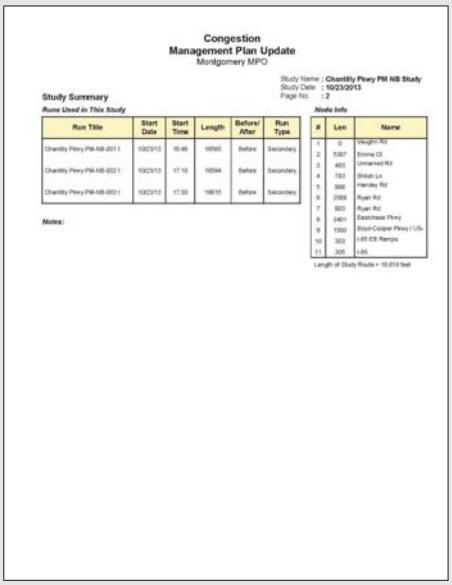
PC-Travel Reports for study: Chantilly Pkwy PM NB Study

Report Name	Page
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 Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion
Management Plan Update
Montgomery MPO

Study Name : Chantilly Pkwy PM NB Study
Study Date : 10/23/2013
Page No. : 2

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Chantilly Pkwy PM-NB-0011	10/23/13	16:46	16565	Before	Secondary
Chantilly Pkwy PM-NB-0021	10/23/13	17:10	16594	Before	Secondary
Chantilly Pkwy PM-NB-0031	10/23/13	17:30	16615	Before	Secondary

Notes:

Node Info

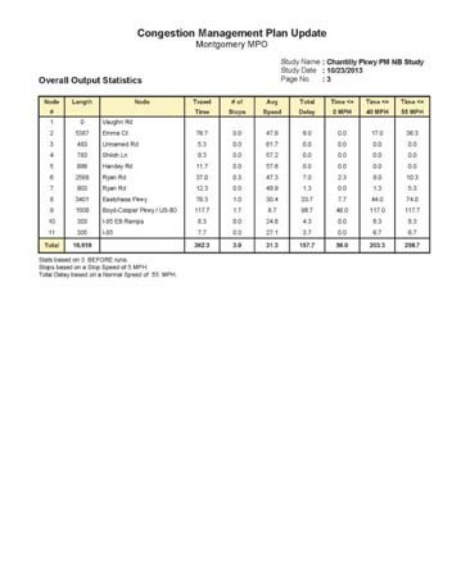
#	Len	Name
1	0	Vaughn Rd
2	5387	Emma Ct
3	463	Unnamed Rd
4	763	Shiloh Ln
5	996	Hensley Rd
6	2569	Ryan Rd
7	903	Ryan Rd
8	3401	Eastchase Pkwy
9	1500	Boyd-Cooper Pkwy / US-
10	303	I-85 EB Ramps
11	305	I-85

Length of Study Route = 16,619 feet

Congestion Management Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Plan Update
Montgomery MPO

Study Name : Chantilly Pkwy PM NB Study
Study Date : 10/23/2013
Page No. : 3

Overall Output Statistics

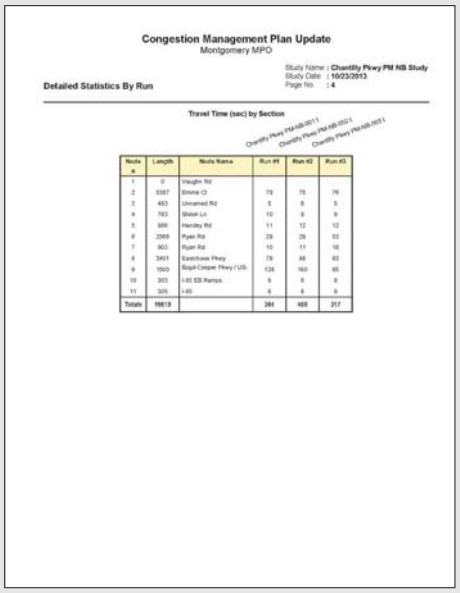
Node #	Length	Node	Travel Time	# of Stops	Avg. Speed	Total Delay	Time >> 0 MPH	Time >> 40 MPH	Time >> 55 MPH
1	0	Vaughn Rd							
2	5387	Emma Ct	76.7	0.0	47.9	9.0	0.0	17.0	36.3
3	463	Unnamed Rd	5.3	0.0	61.7	0.0	0.0	0.0	0.0
4	763	Shiloh Ln	9.3	0.0	57.2	0.0	0.0	0.0	0.0
5	996	Hensley Rd	11.7	0.0	57.6	0.0	0.0	0.0	0.0
6	2569	Ryan Rd	37.0	0.3	47.3	7.0	2.3	9.0	10.3
7	903	Ryan Rd	12.3	0.0	49.9	1.3	0.0	1.3	5.3
8	3401	Eastchase Pkwy	76.3	1.0	30.4	33.7	7.7	44.0	74.0
9	1500	Boyd-Cooper Pkwy / US-80	117.7	1.7	8.7	98.7	46.0	117.0	117.7
10	303	I-85 EB Ramps	8.3	0.0	24.8	4.3	0.0	8.3	8.3
11	305	I-85	7.7	0.0	27.1	2.7	0.0	6.7	6.7
Total	16,619		362.3	3.0	31.3	157.7	56.0	203.3	258.7

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 Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Plan Update
Montgomery MPO

Study Name : Chantilly Pkwy PM NB Study
Study Date : 10/23/2013
Page No : 4

Detailed Statistics By Run

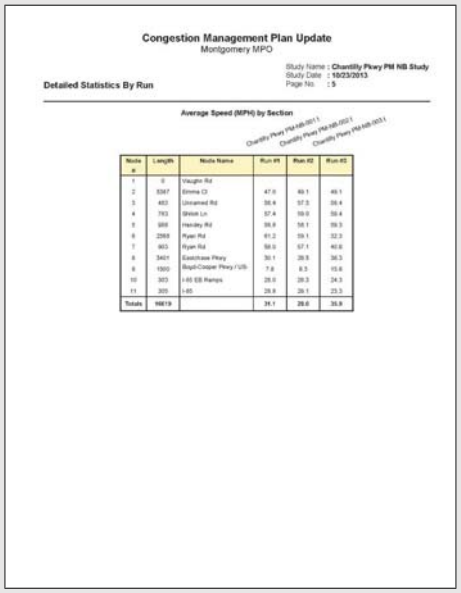
Travel Time (sec) by Section

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	79	75	76
3	463	Unnamed Rd	5	6	5
4	763	Shiloh Ln	10	9	9
5	999	Hensley Rd	11	12	13
6	2369	Ryan Rd	29	29	33
7	903	Ryan Rd	10	11	16
8	3401	Eastchase Pkwy	78	86	82
9	1500	Boyd-Cooper Pkwy / US-	126	160	85
10	303	I-65 EB Ramps	6	6	9
11	305	I-65	6	6	9
Totals	16619		364	409	317

Congestion Management Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Plan Update
Montgomery MPO

Study Name : Chantilly Pkwy PM NB Study
Study Date : 10/23/2013
Page No : 5

Detailed Statistics By Run

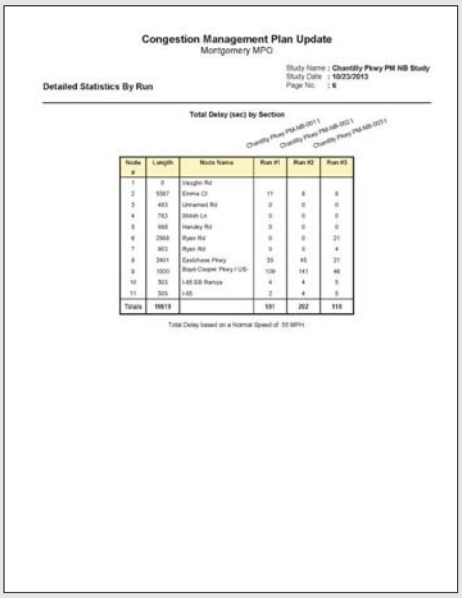
Average Speed (MPH) by Section

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	47.0	49.1	49.1
3	463	Unnamed Rd	56.4	57.5	56.4
4	763	Shiloh Ln	57.4	59.0	59.4
5	999	Hensley Rd	56.8	58.1	59.3
6	2369	Ryan Rd	41.2	59.1	32.3
7	903	Ryan Rd	58.0	57.1	40.6
8	3401	Eastchase Pkwy	30.1	28.5	36.3
9	1500	Boyd-Cooper Pkwy / US-	7.9	8.3	15.8
10	303	I-65 EB Ramps	28.6	28.5	24.3
11	305	I-65	28.8	28.1	23.3
Totals	16619		31.1	28.6	30.9

Congestion Management Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above th e recommended speed



Congestion Management Plan Update
Montgomery MPO

Study Name : **Chantilly Pkwy PM NB Study**
Study Date : **10/23/2013**
Page No. : **6**

Detailed Statistics By Run

Total Delay (sec) by Section

Chantilly Pkwy PM-NB-2011
Chantilly Pkwy PM-NB-2012
Chantilly Pkwy PM-NB-2013

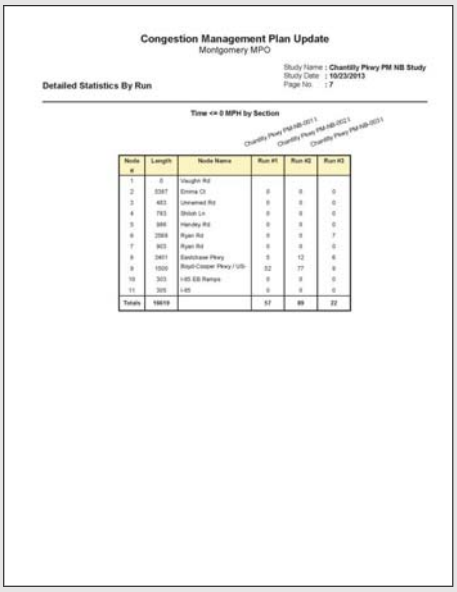
Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5367	Emma Ct	11	6	8
3	483	Unnamed Rd	0	0	0
4	763	Shiloh Ln	0	0	0
5	898	Hendley Rd	0	0	0
6	2568	Ryan Rd	0	0	21
7	903	Ryan Rd	0	0	4
8	3401	Eastchase Pkwy	35	45	21
9	1500	Boyd-Cooper Pkwy / US-109	109	141	46
10	303	I-65 EB Ramps	4	4	5
11	305	I-65	2	4	5
Totals	16619		161	202	110

Total Delay based on a Normal Speed of 55 MPH

Congestion Management Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Plan Update
Montgomery MPO

Study Name : **Chantilly Pkwy PM NB Study**
Study Date : **10/23/2013**
Page No. : **7**

Detailed Statistics By Run

Time <= 0 MPH by Section

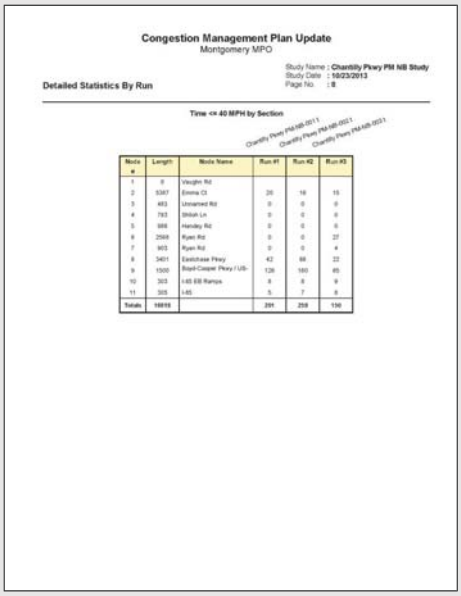
Chantilly Pkwy PM-NB-2011
Chantilly Pkwy PM-NB-2012
Chantilly Pkwy PM-NB-2013

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd	0	0	0
2	5367	Emma Ct	0	0	0
3	483	Unnamed Rd	0	0	0
4	763	Shiloh Ln	0	0	0
5	898	Hendley Rd	0	0	0
6	2568	Ryan Rd	0	0	7
7	903	Ryan Rd	0	0	0
8	3401	Eastchase Pkwy	0	12	6
9	1500	Boyd-Cooper Pkwy / US-109	52	77	9
10	303	I-65 EB Ramps	0	0	0
11	305	I-65	0	0	0
Totals	16619		57	89	22

Congestion Management Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Plan Update
Montgomery MPO

Study Name : Chantilly Pkwy PM NB Study
Study Date : 10/23/2013
Page No. : 8

Detailed Statistics By Run

Time <= 40 MPH by Section

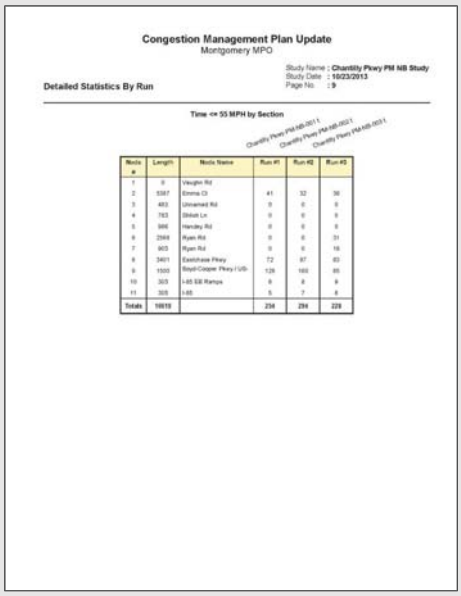
Chantilly Pkwy PM NB-0011
Chantilly Pkwy PM NB-0021
Chantilly Pkwy PM NB-0031

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	20	16	15
3	483	Unnamed Rd	0	0	0
4	783	Shiloh Ln	0	0	0
5	986	Hensley Rd	0	0	0
6	2568	Ryan Rd	0	0	27
7	903	Ryan Rd	0	0	4
8	3401	Eastchase Pkwy	42	68	22
9	1500	Boyd-Cooper Pkwy / US-	126	160	85
10	303	I-65 EB Ramps	8	8	9
11	305	I-65	5	7	8
Totals	16818		201	259	190

Congestion Management Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Plan Update
Montgomery MPO

Study Name : Chantilly Pkwy PM NB Study
Study Date : 10/23/2013
Page No. : 9

Detailed Statistics By Run

Time <= 55 MPH by Section

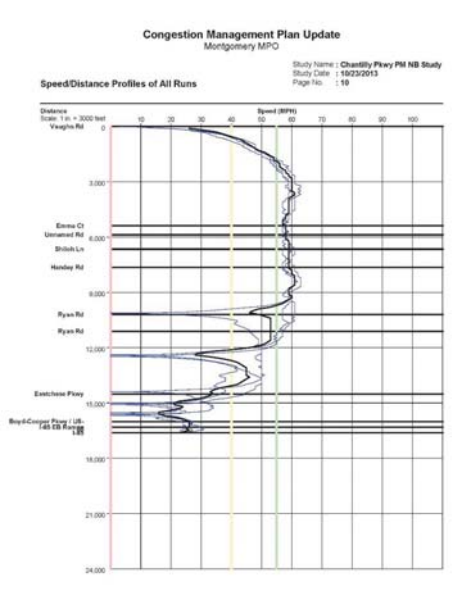
Chantilly Pkwy PM NB-0011
Chantilly Pkwy PM NB-0021
Chantilly Pkwy PM NB-0031

Node #	Length	Node Name	Run #1	Run #2	Run #3
1	0	Vaughn Rd			
2	5387	Emma Ct	41	32	38
3	483	Unnamed Rd	0	0	0
4	783	Shiloh Ln	0	0	0
5	986	Hensley Rd	0	0	0
6	2568	Ryan Rd	0	0	31
7	903	Ryan Rd	0	0	16
8	3401	Eastchase Pkwy	72	87	83
9	1500	Boyd-Cooper Pkwy / US-	126	160	85
10	303	I-65 EB Ramps	8	8	9
11	305	I-65	5	7	8
Totals	16818		254	294	229

Congestion Management Process Status Update

Data Inventory – What We Have

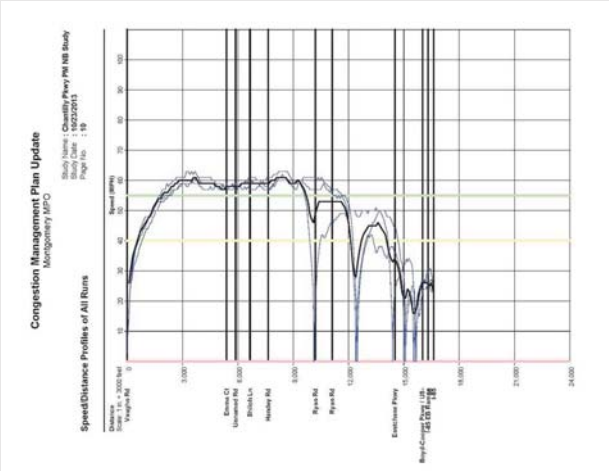
- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Process Status Update

Data Inventory – What We Have

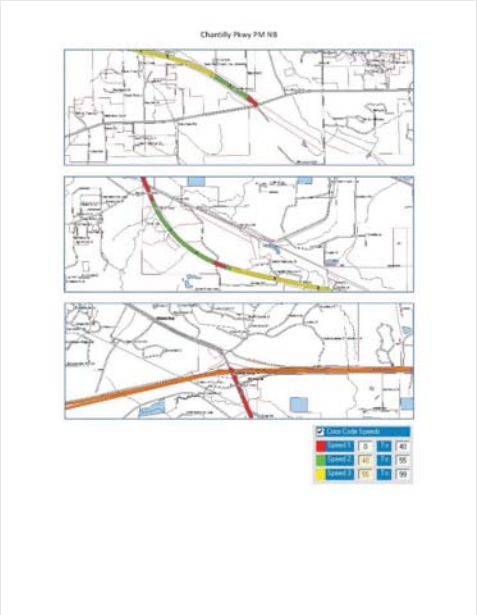
- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Process Status Update

Data Inventory – What We Have

- Travel Times & Delay
  - Red & green segments indicate sections of roadway where traffic is moving below the recommended speed.
  - Yellow segments indicate sections of roadway where traffic is moving at or above the recommended speed



Congestion Management Process Status Update

Next Steps

- Final Collection and Analysis of Data
  - Crash rates, travel time report, list of corridors with unacceptable travel speeds
- Identification of Congested Corridors (Recurring and Non-recurring)
  - Projects will be selected that fit either or both categories. No more than 25 project areas will be identified.
- Strategy Identification and Assessment
  - Potential tools to address congestion for each project area will be shown. (i.e. access management, widening, intersection modifications, transit, bike lanes, sideways, demand management, signal timing, ITS, etc.)

Congestion Management Process Status Update

Next Steps

- Public Review
  - Allow public to comment on potential projects.
- Monitoring Program
  - The CMP federal requirements indicate the MPO must monitor CMP projects to see if the strategies work and to adjust as needed.

Congestion Management Process Status Update

What else would you like to know about the status of the Montgomery Congestion Management Process?