

# Montgomery Metropolitan Planning Organization (MPO)

**DRAFT**

## FISCAL YEAR 2011 UNIFIED PLANNING WORK PROGRAM (UPWP) OCTOBER 1, 2010 – SEPTEMBER 30, 2011



Montgomery Metropolitan Planning Organization

Prepared by: The MPO Transportation Planning Staff for the Montgomery MPO

**Draft Date: June 15, 2010**

# MONTGOMERY METROPOLITAN PLANNING ORGANIZATION

**DRAFT**

## UNIFIED PLANNING WORK PROGRAM (UPWP) FISCAL YEAR 2011 OCTOBER 1, 2010 – SEPTEMBER 30, 2011

This document is posted at <http://www.montgomerympo.org>

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**Draft Date: June 15, 2010**

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## **Montgomery Metropolitan Planning Organization (MPO) Members**

### **Voting Members**

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Mr. Lee Connor (Chris Christensen)  
Montgomery Association for Retarded Citizens

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City of Montgomery/MPO Staff

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Asst. Traffic Engineer  
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Mr. Richie Beyer  
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**TCC cont'd**

Mr. Kelvin L. Miller  
General Manager  
Montgomery Area Transit System

Mr. Bill Tucker, Executive Director  
Central AL Regional Planning &  
Development Commission

Ms. Joann DeFee, Director  
Autauga County Rural  
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Kleob Loflin, Planner  
City of Wetumpka

Mr. Tommy Tyson  
Land Use Controls Administrator  
City of Montgomery

Mr. Frank Filgo, President  
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Mr. George Speake  
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Mr. Patrick Dunson  
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**Non-Voting TCC Members**

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Assistant Bureau Chief  
Transportation Planning/Modal Programs  
-ALDOT

Mr. William E. (Bill) Couch  
Assistant Bureau Chief  
Transportation Planning/Modal  
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Mr. Phil Perry  
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Montgomery Airport Authority

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Vacant  
City of Montgomery

Mr. James Brown  
City of Montgomery

Rodger Burnette  
Montgomery County

Ms. Valeria Harman  
City of Montgomery

Mr. Johnny Jackson  
City of Montgomery

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Elmore County

Mr. David Martin  
City of Montgomery

Ms. Ruth Ott  
City of Montgomery

Mr. Blair Rehnberg  
Town of Coosada

Mr. Jon Broadway  
City of Montgomery

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Ms. Kathy LeCroix  
City of Millbrook

Mr. Theodore White  
City of Montgomery

Mr. Augustus Townes, Jr.  
City of Montgomery

Ms. Mary Stevens  
City of Montgomery

# Montgomery MPO Resolution Draft 2011 UPWP

Montgomery Metropolitan Planning Organization (MPO)  
Adopting the Draft Fiscal Year 2011 Unified Planning Work Program as  
Prepared by the Montgomery MPO Transportation Planning Staff

**WHEREAS**, the City of Montgomery is the designated recipient of the Metropolitan Planning Organization, 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, 135; 42 USC 7410 et seq.; 49 USC 5303, 5304; SAFETEA-LU (Pub. L. 109-59, August 2005), et al.; 23 CFR Parts 450 and 500; 40 CFR Parts 51 and 93; 49 CFR Parts 1.48, 1.51, and 613; 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 Unified Planning Work Program 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 Draft Unified Planning Work Program for Fiscal Year 2011; and,

**WHEREAS**, pursuant to its duties, functions, and responsibilities, the Montgomery Metropolitan Planning Organization (MPO) on this the 16<sup>th</sup> Day of September, 2009, did review and evaluate the aforementioned Unified Planning Work Program, 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 Draft *Fiscal Year 2011 Unified Planning Work Program* as written.

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**Charles Jinright, Montgomery MPO Vice Chairman**

Date: June 15, 2010

ATTEST:

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**Kenneth J. Groves, MPO Secretary**

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## **The Transportation Planning Process**

### **For The**

### **Montgomery Metropolitan Planning Organization Urban and Study Area**

#### **Overview**

Each metropolitan planning organization, as a condition of the receipt of Federal highway and transit capital or operating assistance, is required to have a transportation planning process. Required by this process is the development of a long-range transportation plan, a short-range transportation improvement program, an effort to plan public transportation, outreach and notification to low-income and minority populations, and a planning work program, which includes other planning and project development activities to address transportation issues in the study area.

The Metropolitan Planning Organization (MPO) is the group of elected officials responsible for making transportation decisions in the MPO study area. The MPO is designated by the Governor, in agreement with local governments.

The City of Montgomery is the designated recipient of the United States Department of Transportation planning funds for use in performing transportation planning work for the MPO, due to being the initial core urbanized area of the Metropolitan Statistical Area (MSA). These funds are provided on a pass through basis, by the Alabama Department of Transportation by means of a continuing agreement.

The work tasks described in this document are conducted on a continuous basis in order to maintain certification and eligibility for Federal highway and transit funds and to plan for the orderly and efficient development of the transportation system. An agreement between the Alabama Department of Transportation and members of the Metropolitan Planning Organization outlines the responsibility of each organization in the transportation planning process.

## **INTRODUCTION**

### **UNIFIED PLANNING WORK PROGRAM**

The Unified Planning Work Program (UPWP) has been prepared to define the work tasks and anticipated funding requirements for the Montgomery Urban Area and Study Area for the Fiscal Year 2011, which covers the period October 1, 2010 to September 30, 2011. This document serves to inform public officials and agencies who contribute manpower and allocate funds to the transportation planning process of the proposed work program. In addition, the Unified Planning Work Program (UPWP) provides the budget for Federal, State, and local funding of transportation planning activities identified in the document.

Most traditional tasks are funded with Federal (PL) transportation planning funds. In metropolitan planning areas, planning funds are available from the Federal Transit Administration (FTA) (Section 5303) and the Federal Highway Administration (FHWA) (PL) to support transportation planning activities as required by FTA and FHWA regulations. The FTA Section 5303 funds have been combined with FHWA Planning funds, so all funds are in one amount and not separate. FHWA requires that capital purchases of \$5,000.00 or more be presented as a line item in the UPWP document, and that it be approved by FHWA through ALDOT prior to expenditure. Any single invoice purchase of \$1,500.00 or more, regardless of type, requires written approval by ALDOT prior to expenditure (ALDOT letter dated February 11, 2009).

The Unified Planning Work Program, as outlined in this document, contains the work tasks necessary for the program participants to conduct the necessary transportation planning activities for the Montgomery MPO Urban Area and Study Area.

The UPWP contains a brief description of each specific task, anticipated products, responsible agencies, sources, and amounts of funding. Also, herein included are tables summarizing amounts and sources of funds by task and how funds are to be spent. Any significant deviation from the work outlined in the UPWP requires a new public involvement review period, Citizens Advisory Committee review, Technical Coordinating Committee review, and the formal approval of the Metropolitan Planning Organization.

In developing the UPWP, the MPO is required to consider the current surface transportation authorizing legislation, the Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users (SAFETEA-LU). Under SAFETEA-LU MPOs must consider projects and strategies that will:

- (1) Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- (2) Increase the **safety** of the transportation system for motorized and non-motorized users;
- (3) Increase the **security** of the transportation system for motorized and non-motorized users;
- (4) Increase the **accessibility and mobility** options available to people and for freight;
- (5) Protect and enhance the **environment**, promote energy conservation, improve the quality of life, promote **consistency** between transportation improvements and State and Local planned growth and economic development patterns;
- (6) Enhance the **integration and connectivity** of the transportation system, across and between modes, for people and freight;
- (7) Promote efficient **system management** and operation; and
- (8) Emphasize the **preservation** of the existing transportation system.

The UPWP was prepared based on the eight SAFETEA-LU factors. The SAFETEA-LU factors are addressed by each UPWP task and are listed on each at the end of each task's pages in this document.

### **UPWP Format**

The UPWP is divided into work tasks. The work tasks outline the transportation planning work that will be performed by the MPO Transportation Planning Staff at the City of Montgomery-Department of Planning and Development, Transportation Planning Division and the Alabama Department of Transportation during FY-2011. The description of each work task includes an objective(s), previous work performed, products, staffing, schedule/timeline and financial responsibility. The appendix details the MPO study area map, MPO organization narrative, MPO organizational chart, acronyms and abbreviations used in the transportation planning process and whole UPWP budget and agency participation schedule by work task.

**UPWP TASK 1**  
**METROPOLITAN PLANNING ORGANIZATION ADMINISTRATION**

**SUBTASK 1.1: MPO ADMINISTRATION**

**Objectives:** To establish an effective and efficient transportation planning program that manages tasks identified in the Unified Planning Work Program (UPWP). Administrative duties include coordination of the various advisory committees, developing meeting agendas and minutes, and maintenance of files and administrative records. This includes filing of progress reports and invoices and reporting other activities as needed. Financial obligations include: invoicing, financial record-keeping, ensuring continuing control over eligible expenditures, and maintenance of timesheets and other employee records. To continuously maintain and create all necessary and required documents and documentation for transportation planning process administrative compliance.

**Previous Work:** The MPO Planning Staff, housed in the City of Montgomery Transportation Planning Division, has managed the transportation planning process for over 30 years. Administrative updates have been submitted on a regular basis. Administrative work related to plans, programs and projects have been prepared. Monthly invoices detailing financial transactions have been prepared and semi-annual progress reports have been prepared with financial status per task. Invoices for transactions for transportation planning related work have been processed as well. The MPO Staff holds staff meetings twice a month and as needed to assign work and get progress on ongoing work activity. Senior MPO Staff Planner prepared employee evaluations for annual merit pay increase. Senior MPO Staff Planner worked with and provided annual audit information to City of Montgomery Auditors and sent annual audit to ALDOT and FTA as required. MPO Staff scheduled all MPO, TCC and CAC meetings for the year.

**Proposed Work:** The City of Montgomery will continue to manage the transportation planning process. The MPO Planning Staff will prepare and submit administrative work related to documents required by State and Federal agencies as needed, such as, meeting memos, agendas, minutes, correspondence, financial information, resolutions and etc). Equipment, software, and supplies will be purchased as needed for administrative work. MPO Staff will attend training, workshops and conferences as needed. MPO Staff will schedule all MPO, TCC and CAC meetings to handle MPO business. MPO Staff will hold twice a month staff meetings to discuss all MPO activity and work products. MPO Staff will assist auditors with annual audit and send annual audit to ALDOT and FTA as required. MPO Staff will assist in any administrative function that is not scheduled as needed and required.

**Product:** An efficient transportation planning process that is in compliance with all State and Federal regulations and guidelines administratively. Maintain and do the following administrative tasks:

- a. Process Invoices
- b. Prepare semi-annual progress reports with financial status of each task
- c. Prepare monthly invoices
- d. Do all administrative tasks associated with the transportation planning process
- e. Prepare administrative reports as needed
- f. Prepare all meeting information and distribute as needed

**Staffing:** The MPO Planning Staff

**Schedule/Timeline:** Invoices will be completed as needed and necessary, semiannual progress reports will be completed every six months and other administrative tasks will be done before, after and in-between each MPO meetings.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 52,008
LOCAL MATCH	\$ 10,502
SPR	\$ 72,000
STATE MATCH	\$ <u>18,000</u>
<b>Total Cost</b>	<b>\$152,510</b>

**SUBTASK 1.2: Continuity of Operations Plan (COOP)**

**Objectives:** To maintain and update the contingency plan, i.e. Continuity of Operations Plan (COOP) to be implemented in the event of a natural or man-made disaster as needed.

**Previous Work:** The MPO Planning Staff, housed in the City of Montgomery Transportation Planning Division, has managed the transportation planning process for over 30 years. MPO Staff prepared the COOP with MPO and Advisory committee knowledge and involvement. The COOP was approved in July 6, 2006.

**Proposed Work:** The MPO Planning Staff will maintain and update the COOP as needed.

**Products:** A Continuity of Operations Plan that is maintained as needed.

**Staffing:** MPO Planning Staff.

**Schedule/Timeline:** Maintain as needed annually.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 400
LOCAL MATCH	<u>\$ 100</u>
<b>Total Cost</b>	<b>\$ 500</b>

**UPWP TASK 2**  
**UNIFIED PLANNING WORK PROGRAM**

**TASK 2.1:UNIFIED PLANNING WORK PROGRAM**

**Objectives:** To develop, update, and maintain the Unified Planning Work Program (UPWP) for FY-2011 and amend as needed and necessary, and prepare a draft and final 2011 UPWP. The goal of the UPWP is to serve as a guide of all transportation planning activity of the MPO and MPO Staff by task for a given fiscal year. Other objectives of the UPWP are to coordinate and consult with other appropriate agencies regarding transportation planning efforts, engage and notify the public about transportation planning and related activity and manage the transportation planning process budget.

**Previous Work:** The MPO Staff prepared the draft and final FY-2010 UPWP and managed the document during the fiscal year. The MPO Staff circulated the draft and final document to the general public for review and comment and further circulated the document to the MPO, TCC and CAC for comment before final approval. MPO Staff also prepared a draft FY-2010 UPWP public involvement summary. The MPO Staff coordinated and consulted with State, Federal and local government agencies, private entities and the general public regarding transportation planning activities for FY-2010. The MPO Staff monitored and managed the FY-2010 UPWP budget to ensure that the budget was managed properly.

**Proposed Work:** The MPO Staff will manage the FY-2011 UPWP during the fiscal year. The MPO Staff will coordinate and consult State, Federal and local government agencies, private entities and the general public regarding transportation planning activities for FY-2011. The MPO Staff will prepare a draft and final 2012 UPWP for MPO, TCC and CAC approval, as well as solicit public comment. MPO Staff will also prepare a public involvement summary, in order to document public involvement efforts for UPWP document.

**Product:** The products are the draft and final FY-2012 UPWP.

**Staffing:** The MPO Planning Staff

**Schedule/Timeline:** UPWP management will occur daily, weekly, and monthly during FY-2011. A draft 2012 UPWP will be prepared in June-July 2011, and a final UPWP should be approved in August or September 2011.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 12,000
Local Match	<u>\$ 3,000</u>
<b>Total</b>	<b>\$ 15,000</b>

**UPWP TASK 3**  
**GIS DATA COLLECTION AND ANALYSIS**

**TASK 3.1:GIS DATA COLLECTION AND ANALYSIS**

**Objectives:** To develop, update, and maintain a computer system consisting of hardware, software and electronic data. The purpose of this system is to provide a basis whereby data and mapping needs are provided for the following types of transportation planning functions:

- |   |                             |
|---|-----------------------------|
| -Transportation Improvement Program     | -Public Service             |
| -Transportation Planning Analysis       | -Congestion Management      |
| -Impact Assessment                      | -Technical Transit Planning |
| -Long Range Transportation Plan updates | -Transit Planning           |
| -Environmental Justice Analysis         | -Land Use and Demographics  |
| -Bicycle Planning                       | -Pedestrian System Planning |

**Previous Work:** The MPO Staff maintained up-to-date traffic count data from ALDOT using GIS software for prior year AADT data as sent from ALDOT. MPO staff also updated the functionally classified network, modified traffic analysis zones, updated and corrected socioeconomic data for the 2035 LRTP, updated transit map features and database with most recent bus bench and shelter locations, prepared maps by special requests from the general public, other public and private agencies, consultants, updated transit fixed bus route database and maps, and prepared project location maps for the TIP document and for all meetings in FY-2010 as well as GIS related work for all MPO related documents and services. MPO Staff collected and distributed Census data.

**Proposed Work:**

- (1) Hardware: Acquire new hardware as needed and upgrade system hardware components as needed to stay up-to-date with latest computer hardware.
- (2) Software: Acquire new software as needed to upgrade system capabilities as needed to stay up-to-date with latest computer software.
- (3) Electronic Data: Continue to acquire and maintain current data sources from agencies such as City of Montgomery, ALDOT, Census Bureau, Water Works, Traffic Engineering, and Autauga, Elmore, and Montgomery Counties and from commercial sources, such as InfoUSA and various other data sources.
- (4) Traffic Analysis Zones (TAZ) and Boundaries: Continue to monitor TAZs and the MPO Boundaries for needed changes and make changes as needed.
- (5) MPO Staff will attend training, workshops and conferences as needed.

- (6) Do work related to the MPO Transportation Planning Process and related to all USDOT Federal agency work where GIS is needed and required for visualization.

**Products:** A GIS planning tool which provides geographic information on all variables used in the development of transportation plans and programs and for other uses. Up-to-date GIS data for the Montgomery MPO area. Up-to-date GIS hardware and software. Up-to-date training on software and hardware used in the transportation planning process. An up-to-date MPO Planning Staff as it relates to computer training and implementation for transportation planning and document preparation. An up-to-date geographic information system.

**Staffing:** The MPO Planning Staff

**Schedule/Timeline:** GIS data collection and maintenance will be done daily. Mapping is done as needed for plan documents and other special requests as needed. Hardware and software purchases are done as needed. GIS training is done as needed and offered. All to occur in FY-2011.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 51,200
Local Match	\$ 12,800
<b>Total</b>	<b>\$ 64,000</b>

## **UPWP TASK 4** **PUBLIC INVOLVEMENT**

### **SUBTASK 4.1: GENERAL PUBLIC INVOLVEMENT**

**Objectives:** To involve all interested citizens in the Montgomery MPO study area in the transportation planning process. To give all citizens an opportunity to voice their concerns, preferences and questions concerning transportation projects and plans. To provide transportation relevant data to individuals, corporations and agencies that have contact with groups or people that may be adversely impacted. To inform the public of the availability of transportation data, resources, MPO, TCC and CAC meetings and public involvement meetings as needed and required.

**Previous Work:** The MPO Staff followed the adopted Public Involvement Plan for all MPO activities during FY-2010. Plans and programs considered by the MPO have been advertised for either a 7 or 14 day public involvement period prior final consideration by the MPO. The MPO's *Public Involvement Plan (PIP)* was updated and adopted on in September 16, 2008. Work was done to add additional persons to the transportation mailing list. The MPO Staff continued to use email as a notification method for MPO, TCC, and CAC meetings in FY-2010, along with regular U.S. postal mail service for those with out email capability. The notification of the public concerning MPO, TCC and CAC meetings, along with other public meeting opportunities were advertised as "Public Notices" in local general circulation newspapers, sent to the transportation mailing list via email and U.S. mail.

**Proposed Work:** Notify the general public about the transportation process and other related elements through, local general circulation newspapers, email personal contact and postal mail. Do public involvement for all meetings and documents as required. Prepare public involvement summaries for all transportation planning documents. Distribute public involvement materials, summaries and other materials to MPO, TCC and CAC for review. Send all required documents to designated document review sites as described in the public involvement plan, and collect all information once public process has been completed. MPO Staff will attend training, workshops and conferences as needed. Talk to the general public as needed and on demand.

Place MPO information and documents on the Montgomery MPO website, at <http://www.montgomerympo.org> for public review, comment and consumption.

**Staffing:** The MPO Planning Staff and Alabama Department of Transportation

**Schedule/Timeline:** Public involvement will occur before every MPO and advisory committee meetings in FY-2011, as well as after meetings. Public

involvement will occur throughout the development and preparation of planning and related documents in FY-2011. Public involvement will be continuous and open at all times.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$32,000
Local Match	\$ 8,000
<b>Total Cost</b>	<b>\$ 40,000</b>

**SUBTASK 4.2: ENVIRONMENTAL JUSTICE PLANNING AND EVALUATION**

**Objective:** To ensure that no plans, programs, or specific projects disproportionately and adversely impact low income or minority populations and to ensure that the process of planning transportation improvements is structured to include the groups and/or agencies which normally represent their interests and concerns. Further, outreach will be undertaken to involve members of low-income and minority populations in the transportation planning process to the extent possible.

**Previous Work:** The MPO planning staff routinely scheduled, advertised, and held public involvement meetings in locations that were accessible to low-income and minority populations and solicited comments and concerns from agencies and groups known to represent low-income and minority populations. A summary document detailing public involvement meetings and comments received from citizens at public involvement meetings was routinely prepared. The MPO planning staff has mapped low-income and minority areas for use in all planning efforts. MPO Staff prepared annual ALDOT Title VI report and submitted to ALDOT as required.

MPO Staff prepared and environmental justice/equity report for a 2035 LRTP update document. The MPO Staff advertised transportation planning related information in general circulation media, in order to notify minority and low income populations about plans, programs and projects in the MPO Study Area. Also, persons that wanted to be notified about MPO activities were notified via the mailing and email distribution list.

**Proposed Work:** The MPO planning staff will continue to collect socio-economic data relating to low-income and minority populations. MPO staff will continue to notify minority and low-income populations via general circulation newspapers and other available media about MPO and related meetings and correspondence. MPO Staff will screen all transportation projects for the TIP to identify locations where low-income and minority populations reside or own businesses to ensure that they don't receive a majority of the burden from transportation projects, but receive equal benefits or burdens from projects and

resources as all other non-minority populations. MPO Staff will attend training, workshops and conferences as needed.

**Product:** A transportation planning process that considers the needs of Environmental Justice populations, and involves low-income and minority populations from project development to the end of a finished project. A transportation planning process that mitigates problems produced from plans and projects so that any adverse impacts to low-income and minority populations are minimized, eradicated, or not made at all. A well trained and well versed staff.

**Staffing:** The MPO Planning Staff

**Schedule/Timeline:** Environmental justice will occur before and after every MPO and advisory committee meetings in FY-2011. Environmental justice will occur throughout the development and preparation of planning and related documents in FY-2011 and is always open.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 8,000
Local Match	\$ 2,000
<b>Total Cost</b>	<b>\$10,000</b>

## **UPWP TASK 5** **TRANSPORTATION SYSTEMS**

### **SUBTASK 5.1: LONG RANGE TRANSPORTATION PLAN**

**Objectives:** To maintain and update the Long Range Transportation Plan (LRTP) and other related documents for the Montgomery Study Area every five years and as needed. Continue to collect socioeconomic data and other information for the 2040 LRTP in preparation for the update in 2014.

**Previous Work:** Transportation planning software, TRANPLAN/CUBE model software was used to develop a base year 2005 and 2035 transportation network. MPO Staff attended quarterly travel demand model refresher training at the ALDOT computer training facility. MPO Staff attended various other internet training on travel demand model and transportation planning work aspects.

Work was continued and a finalization of all socioeconomic data for all variables used in the regional travel demand model for the 2035 LRTP. New employment (retail and non-retail) was purchased as a refresh of data for the 2010 base year of the 2040 LRTP in order to maintain a continuity of information. Residential building permit data, school enrollment data collection was started for year 2010 for the entire study area.

MPO Staff further disaggregated TAZ from 387 to 490 for better transportation planning analysis.

**Proposed Work:** CUBE Voyager software will be used for the 2040 *Long Range Transportation Plan* update and amended as needed. Amendments may be done for the 2035 LRTP using either CUBE TranPlan or CUBE Voyager software. The current 2035 LRTP will be maintained and updated as needed. Work will start using the transportation planning computer travel demand model in order to calibrate, validate the 2010 base year and forecast to the year 2040. New TAZ will be delineated, and the study area and urban area boundary will have to be re-evaluated to determine the true growth and usefulness based on 2010 Census release.

The model once calibrated and validated for 2010, will then be used to forecast 2040 future traffic. Concurrent with model development, public involvement will be conducted from the earliest stages of model development to assess the needs of the area to ensure that the new LRTP is reflective of all ideas from the community on how best to improve the transportation resources of the area.

The LRTP must be updated every five years. Work on the 2035 LRTP will be done in FY-2011 as needed. A draft 2040 LRTP is estimated to be drafted in late

FY-2014 and be in place by FY-2015 to meet the five year update deadline. MPO Staff will attend quarterly travel demand model refresher training at the ALDOT computer training facility. MPO Staff will attend other training, workshops and conferences as needed.

**Products:** A maintained year 2035 LRTP in FY-2011 and amendments as needed. A constantly updated model for use in the regional analysis of the transportation system and for documenting projected traffic volumes to support transportation infrastructure decisions and other economic and social development work. An up-to-date and maintained 2035 long range transportation plan that indicates necessary projects to meet the future transportation needs of the Montgomery Study Area. An updated 2040 LRTP.

**Staffing:** The MPO Planning Staff and the Alabama Department of Transportation.

**Schedule/Timeline:** Work on the 2035 LRTP will continue into the first six months of FY-2010. A draft 2035 LRTP will be prepared by October or November 2009, with a final document being prepared by December 2009 or January 2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 20,000
LOCAL MATCH	\$ 5,000
<b>Total Cost</b>	<b>\$ 25,000</b>

**SUBTASK 5.1.1: AIR QUALITY CONFORMITY DETERMINATION FOR LRTP**

**Objectives:** The purpose of this subtask is for the preparation of documents required in 23 CFR 450.102 for air quality conformity purposes that might be required if Montgomery MPO area goes into non compliance for ozone air quality or fine particulate matter air quality. This subtask establishes definition, scope and procedures for conformity compliance of the Clean Air Act.

**Previous Work:** In FY-2010 MPO staff monitored current air quality readings and other related information for compliance with FY-2010 air quality standards in the Montgomery MPO area as presented by the Alabama Department of Environmental Management (ADEM) and the Environmental Protection Agency (EPA). MPO Staff attended a training workshop on new air quality regulations and received information of possible non-attainment and conformity requirements.

**Proposed Work:** If required, MPO Staff will amend the 2035 LRTP in order to comply with Air Quality Conformity Determination requirements and comply

with other Federal and State requirements as pertaining to air quality and transportation project justification for conformity determination with federal and state laws.

**Products:** If required, MPO Staff will produce all necessary documents required for air quality conformity.

**Staffing:** The MPO Planning Staff and the Alabama Department of Transportation.

**Schedule/Timeline:** If required, amended LRTP dates are to be determined, could be possible in the second half of FY-2011.

**Financial Responsibility:**

Source of Funds	FY-2011
PL (FHWA)	\$ 12,409
LOCAL MATCH	\$ 3,102
<b>Total Cost</b>	<b>\$ 15,511</b>

**SUBTASK 5.2: TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**Objectives:** To identify transportation improvement projects recommended for advancement during the program period as a result of the 3-Cs (cooperative, continuous and comprehensive) transportation planning process; and to include realistic estimates of revenues and costs for each project in the TIP period, as well as be financially constrained. Development of the TIP based on projects taken from the long-range transportation plan with other maintenance needs for all jurisdictions of within MPO Study Area into a single, phased, implementation schedule. All of the SAFETEA-LU factors will be used in the development of the TIP. Efforts to increase public involvement in the planning process will be made. The FY-2008-2011 TIP will be maintained and updated as needed and required. An new FY 2011-2014 TIP document will be prepared and adopted by the MPO.

**Previous Work:** The MPO Staff has managed the TIP for over 30 years. The TIP was amended five (5) times in FY-2010 for a total of 60 projects, including a rebalancing and update done in late FY-2010. The TIP database has also been updated and maintained periodically based on ALDOT reports and sponsor information received. The Alabama Department of Transportation and MPO jurisdictions have established projects based on their short range and long-range needs. A list of authorized transportation projects that were authorized in FY-2010 will be prepared and published at the beginning of FY-2011 as required. TIPs have been amended in the past and will be amended in the future as needed.

**Proposed Work:** The MPO Planning Staff will work with MPO committees, ALDOT, jurisdictions and the general public to prepare a TIP every four years. Progress on the TIP will be monitored, and the TIP will be amended as needed.

An annual rebalancing of the TIP will be done in FY-2011 for an updated and rebalanced 2008-2011 TIP. A TIP database will be maintained, and a list of projects that were authorized in the previous fiscal year will be published. Equipment, software, and supplies will be purchased as needed to do the required and routine work of maintaining the TIP. All TIP amendments will be put on the MPO website. A 2011-2014 TIP will be prepared and adopted in FY 2011. MPO Staff will attend training, workshops and conferences as needed.

**Product:** A prioritized and financially constrained rebalanced and updated 2008-2011 TIP document for FY-2011. A 2011-2014 TIP will be prepared and adopted.

**Staffing:** MPO Planning Staff and the Alabama Department of Transportation.

**Schedule/Timeline:** TIP will be amended as needed. A rebalanced and updated TIP will be done annually during July, August and September.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 56,301
LOCAL MATCH	\$ 14,075
<b>Total Cost</b>	<b>\$ 70,376</b>

**SUBTASK 5.2.1: AIR QUALITY CONFORMITY DETERMINATION FOR TIP**

**Objectives:** The purpose of this subtask is for the preparation of documents required under 23 CFR 450.102 for air quality conformity purposes that might be required if Montgomery MPO area goes into non compliance for ozone air quality or fine particulate matter air quality. This subtask establishes definition, scope and procedures for conformity compliance of the Clean Air Act.

**Previous Work:** In FY-2010 MPO staff monitored current air quality readings and other related information for compliance with FY-2009 and FY-2010 air quality standards in the Montgomery MPO area as presented by the Alabama Department of Environmental Management (ADEM) and the Environmental Protection Agency (EPA).

**Proposed Work:** If required, MPO Staff will amend the existing approved 2008-2011 and 2011-2014 TIP in order to comply with Air Quality Conformity Determination requirements, if found in non-compliance in August 2010, there's a grace period to plan and begin documentation.

**Products:** If required, MPO Staff will produce all necessary documents required for air quality conformity.

**Staffing:** The MPO Planning Staff and the Alabama Department of Transportation.

**Schedule/Timeline:** If required, amended LRTP dates are to be determined, could be possible in the first or second half of FY-2011.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 13,200
LOCAL MATCH	\$ 3,300
<b>Total Cost</b>	<b>\$ 16,500</b>

**SUBTASK 5.3: TRANSIT PLANNING AND ADMINISTRATION**

**Objective:** To perform transit planning and related administration work.

**Previous Work:** MPO Staff has used GIS software for various transit related projects. MPO Staff used GIS to update, maintain, and prepare digital mapping products for MATS citywide fixed bus routes and other transit related projects in the area. The current MATS fixed routes have been saved in digital format and uploaded onto the Montgomery Area Transit website ([www.montgomerytransit.com](http://www.montgomerytransit.com)).

The MPO Staff prepared and submitted FTA grants for the City of Montgomery and the Montgomery Area Transit System (MATS) for the capital and operating grant for FY-2010 and for earmarks received from the U.S. Congress. Public involvement meetings discussing the proposed grant applications were held and conducted by MPO Staff. MPO Staff has also completed work on the National Transit Database (NTD) report for MATS for report year 2009 during FY-2010. Staff also attended FTA training via internet webinars.

MPO Staff hired and managed a consultant to do an onboard transit survey for the mode choice model for the 2040 LRTP update.

MPO Staff has also used GIS and socioeconomic data to analyze the transit system routes as part of the 2035 LRTP to see where future improvements needed to be focused.

MPO Staff attended Southern High Speed Rail Commission meetings and work related to federal funding for the Gulf Breeze Amtrak route re-establishment and other rail related transportation projects.

**Proposed Work:** MPO Staff will continue to assist MATS staff with the implementation of the TDP in FY-2011. GIS software will be used as appropriate to support transit planning activities and services. MPO Staff will assist MATS Staff with managing federal transit funding and provide technical assistance and

support as needed. Both hardware and software will be acquired as needed. Transit projects will also be included in the TIP and LRTP as needed.

MPO Staff will continue to prepare Federal Transit Administration (FTA) products as needed to include: capital and operating grants, National Transit Database reports and other reports and activities as needed and required. MPO Staff will prepare and assist MATS staff in the preparation of public involvement activities. MPO Staff will attend training, workshops and conferences as needed.

MPO Staff will also continue to do high-speed passenger rail planning work for proposed Amtrak Gulf Breeze Corridor from Birmingham to Mobile. MPO Staff will do work related to alternatives analysis for the City of Montgomery and Montgomery urbanized area, to include applying for federal grants to conduct alternatives analyses (bus rapid transit, commuter light rail and streetcar circulator rail), and if won worked related to hiring consultants to perform work related to the projects. MPO Staff will attend training, workshops, conferences and meeting related to passenger rail planning.

**Products:** An updated and maintained *Montgomery Urbanized Area Transit Development Plan* for 2009-2013. A transit system that meets the needs of Montgomery Area Transit System riders, and also meets all Federal and State requirements. An updated and maintained GIS with fixed transit routes, bus benches, bus shelters, bus stop signs and other related transit amenities. Up-to-date reports, grant applications and other items as needed. A completed survey of the MATS for travel demand modeling purposes. Public involvement assistance as needed.

A transit system that meets the needs of the City of Montgomery. Continuous funding from the Federal Transit System grants and completed National Transit Database reports. A transit system that follows and meets Federal and State requirements. Equipment, software and hardware that is up-to-date. A well trained and well versed staff. Further products include an initiated study process to get the Gulf Breeze passenger rail route started, as well as other passenger rail service types.

**Staffing:** The MPO Planning Staff, Montgomery Area Transit System, Alabama Department of Transportation, Federal Transit Administration and Federal Railroad Administration.

**Schedule/Timeline:** Maintain, update and implement the Transit Development Plan document as needed in FY-2011. Maintain all transit related GIS data and information as needed in FY-2011. Manage all transit grants and apply for new one as needed in FY-2011. Prepare all other Federal Transit Administration reports as needed during FY-2011. Attend training as needed and required in FY-2011.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$56,000
Local Match	<u>\$14,000</u>
<b>Total Cost</b>	<b>\$70,000</b>

**SUBTASK 5.4: DISADVANTAGED BUSINESS ENTERPRISE (DBE)**

**Objectives:** To give full consideration to the potential services that can be provided by disadvantaged business enterprises (DBE) in carrying out the 3-Cs transportation planning process and any transportation/transit related programs. To meet all requirements of U.S. Code 49 CFR, part 26.

**Previous Work:** MPO Staff has acquired a copy of the ALDOT certified list of DBE's by vendor and type of work performed in FY-2010. MPO Staff attended an ALDOT sponsored DBE Conference to speak about DBE opportunities in local and State government, and met with DBE contractors to answer questions about contracting opportunities. MPO Staff has also prepared semi-annual DBE reports and prepared an annual DBE goal for FTA assisted contracting opportunities.

**Proposed Work:** Efforts will be made to purchase goods and services through eligible DBE firms whenever possible. Prepare annual DBE goal, prepare semi-annual DBE reports, prepare Title VI report and monitor activity as required. MPO Staff will attend training, workshops and conferences as needed.

**Product:** A program that utilizes DBE enterprises and contracts their services whenever possible. An up-to-date DBE list, DBE reports of awards and commitments and annual DBE goal and a current Title VI report.

**Staffing:** The Alabama Department of Transportation and the MPO Planning Staff

**Schedule/Timeline:** A new DBE goal will be prepared annually. Semiannual DBE reports will be prepared every six months.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$ 1,600
Local Match	<u>\$ 400</u>
<b>Total Cost</b>	<b>\$ 2,000</b>

## **TASK 5.5: PARATRANSIT SERVICE FOR THE DISABLED**

**Objective:** To provide cost effective, efficient paratransit service for disabled persons in the City of Montgomery.

**Previous Work:** MPO Staff worked with the Mayor's Advisory Committee for Improved Accessibility (MACIA) to insure that public transit, public buildings and sidewalks and curb-cuts were accessible and meets American with Disabilities requirements. MPO Staff met with the MACIA quarterly during FY-2010 for meetings regarding ADA issues.

**Proposed Work:** Public meetings and other outreach efforts will be conducted as needed. Continue to meet with MACIA and assist in monitoring paratransit transportation for disabled persons and also identify ADA related compliance issues such doorway widths, needed sidewalk and curb-cut improvements and overall accessibility for all disabled persons as related to MATS and the urbanized area. The MPO Staff will assist the MACIA with meetings and planning related issues as they relate to the mobility of persons with disabilities.

**Product:** Accessible transportation services for the disabled in the City of Montgomery-urbanized area.

**Staffing:** The MPO Planning Staff

**Schedule/Timeline:** Quarterly MACIA meetings and meetings as needed in FY-2011.

### **Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$ 2,400
Local Match	\$ 600
<b>Total Cost</b>	<b>\$ 3,000</b>

## **SUBTASK 5.6: CONGESTION MANAGEMENT**

**Objective:** To provide effective management of new and existing transportation facilities through use of travel demand reduction and operational management strategies. Encourage bicycle and pedestrian and transit modes as appropriate. Pursue continued development of the Intelligent Transportation System (ITS) and strategies to reduce Single Occupancy Vehicle (SOV) travel. Come up with ways to effectively advocate and manage congestion overall through adding capacity to highways, transit, freight, travel demand management program encouragement and bicycle and pedestrian facilities, and manage congestion for better air quality.

**Previous Work:** MPO Staff and a consultant did work related to the 2035 LRTP update to compare travel demand model outputs to Congestion Management System Plan projects.

Travel demand model congestion levels for 2005 and 2035 were reviewed and analyzed. Data and maps have been transferred into GIS. MPO Staff has worked with City of Montgomery Traffic Engineering and City Information Technology Departments and Montgomery Area Transit System (MATS) to implement and develop the current and future ITS infrastructure and actual improvements.

The MPO staff also worked with MATS to implement the automatic vehicle locator system and paratransit scheduling software. MPO Staff also prepared Federal Transit Administration (FTA) grant applications for the City of Montgomery ITS project.

MPO Staff continued to work with the Alabama Department of Economic and Community Affairs (ADECA) energy division to continue to implement the CommuteSmart Montgomery program and assist citizens with getting registered, and review marketing materials. A total of 283 people are registered in the CommuteSmart Montgomery program as of June FY-2010.

**Proposed Work:** Continue to implement and monitor the Congestion Management System Plan (CMSP) addressing the specific needs of the MPO study area with transportation project solutions. The MPO Planning Staff will continue to work with local, federal and state officials to further implement ITS projects as needed.

Low cost congestion-relief projects that eliminate bottlenecks will continue to be the focus, along with better access management by coordinating land use and transportation planning, and coming up with ways to effectively advocate and manage congestion overall through adding capacity to highways, mass transit (bus and rail), freight (water, rail and truck) and bicycle and pedestrian facilities. Also, transportation demand management strategies will be explored and considered. MPO Staff will further market the CommuteSmart Montgomery program to get the maximum number of people registered to the program. MPO Staff will attend training, workshops and conferences as needed.

**Products:** Mitigation or management of congestion on the existing facilities and prevention of congestion on existing and future facilities. Development of an ITS that conforms to the national ITS architecture. An up-to-date *Congestion Management System Plan* that is responsive and guides the MPO Study Area in managing congestion through projects. TDM strategies that reduce congestion. A well trained and well versed staff.

**Staffing:** The MPO Staff and the Alabama Department of Transportation

**Schedule/Timeline:** An updated Congestion Management System Plan (CMSP) was updated and adopted in FY-2009. CMSP will be implemented and reviewed against other transportation plans as needed for consistency in FY-2011 and monitored for adherence to planning and programming activity.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$ 4,000
Local Match	\$ 1,000
<b>Total Cost</b>	<b>\$ 5,000</b>

**SUBTASK 5.7: SAFETY PLANNING AND MONITORING**

**Objective:** To continue to conduct transportation safety planning as part of the MPO planning process, to include, all documents produced. This includes identification of areas that have unacceptably high accident numbers. This may also include intersections and areas with non-standard road alignment, lane widths, pedestrian crossing areas, bicycle issues, transit-related safety problems, truck issues and etc.

An assessment of appropriate solutions to mitigate these problems will occur. A further objective is to identify potential safety risks that may arise as the result of acts of terrorism and to develop counter measures to prevent unacceptable safety risks to the traveling public and to the components of the transportation facilities and systems.

**Previous Work:** The MPO Planning Staff collected accident data from the CARE system for FY-2008 and FY-2009 and traffic counts. All accident and traffic count data were input into a GIS database and was used as a part of all planning and programming processes. The MPO staff processed for amendment a total of 60 projects in FY-2010 that will make roadways safer and more efficient and effective for the traveling public.

**Proposed Work:** The MPO planning staff will work to identify projects throughout the Study Area through the CMSP and LRTP documents that will reduce congestion and improve safety. MPO Staff will continue to work with local, state and federal agencies in implementing ITS projects. MPO Staff will work to get all CMSP and LRTP safety and ITS projects into the TIP for implementation. The MPO planning staff will continue to monitor accident data in the MPO study area. MPO Staff will attend training, workshops and conferences as needed.

**Products:** Accurate reporting of accidents in the appropriate format to meet qualifications for safety and related funds for transportation projects. Updates to the *Congestion Management System Plan* and Long Range Transportation Plan as needed. Consideration of freight safety, highway safety, transit safety bicycle and

pedestrian safety and security in the transportation planning process will also be a product to be achieved. A well trained and well versed MPO staff.

**Staffing:** The MPO Planning Staff and the Alabama Department of Transportation

**Schedule/Timeline:** Safety planning and programming work will be done as projects are proposed for the TIP. Safety data will be acquired and entered into a GIS database for use in transportation planning activity. Safety planning training as needed. All to occur in FY-2011.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$ 4,000
Local Match	\$ 1,000
<b>Total Cost</b>	<b>\$ 5,000</b>

**SUBTASK 5.8: SPECIAL PROJECTS, CORRIDOR DEVELOPMENT AND DEVELOPMENTS OF REGIONAL IMPACT (DRI)**

**Objectives:** Analysis to assess the impacts of projects of regional significance such as toll bridges, new major travel routes special projects and developments of regional impact as needed.

**Previous Work:** The TRANPLAN/CUBE model and other transportation planning software have been used to assess the impacts of proposed new roads and proposed new developments within the MPO study area. Currently, the planning staff is using CUBE (VIPER, in conjunction with TRANPLAN), for modeling. ArcGIS/ArcView, a geographic information system (GIS) tool, is also used to spatially depict and analyze data used in transportation planning.

**Proposed Work:** Studies of major developments, as well as proposed new roads and other special projects will be conducted to determine if the proposed improvements are justified as needed. GIS-based studies of the effects of projects on critical populations will be routinely conducted as new transportation projects are identified or proposed. MPO Staff will attend training, workshops and conferences as needed.

**Product:** Recommendations on improvements to the road system throughout the MPO study area for congestion relief and mitigation of development impacts will be made. Recommendations will include environmental justice analyses and community impact assessments when and where appropriate as needed.

**Staffing:** The MPO Planning Staff and the Alabama Department of Transportation

**Schedule/Timeline:** No timeline or schedule. Work will be done as needed.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$ 4,000
Local Match	\$ 1,000
<b>Total Cost</b>	<b>\$ 5,000</b>

**SUBTASK 5.9: INTERMODAL AND FREIGHT PLANNING**

**Objectives:** The MPO Planning Staff will consider and do intermodal planning as appropriate for the Study Area and during the LRTP update process.

**Previous Work:** The MPO Staff has assisted the Montgomery Regional Airport in the planning efforts for its intermodal facility improvements. MPO Staff also worked with consultants on an advisory group doing work on the State of Alabama Freight Study and action plan. MPO Staff also collected and analyzed all freight data for use in the 2035 LRTP update. MPO Staff attended various Airport Authority meetings related to the Airport intermodal facility project. The MPO Staff also prepared FTA airport intermodal grant quarterly reports related to and processed invoices for payment to the planning and engineering consultant and contractor doing work on the project. MPO Staff also attended training webinars on freight planning.

**Proposed Work:** The MPO Staff will continue to work with the consultants doing the State of Alabama Freight Study and action plan through adoption. MPO Staff will also do freight planning work in the 2040 LRTP update as apart of the needs assessment process and recommendation process. MPO Staff will also collect all known freight information for planning purposes. MPO Staff will attend and workshops as needed related to freight.

**Products:** An inventory of intermodal facilities in the area and strategies to develop and improve the facilities and access to them. An intermodal transportation system that connects all or some transportation modes efficiently. An updated LRTP that considers and has an action plan for freight movement needs.

**Staffing:** The MPO Planning Staff and Consultants

**Schedule/Timeline:** Intermodal and freight planning work will be done concurrently with the 2040 LRTP update. Further planning and implementation work for airport intermodal project will occur during FY-2011. Implementation work on the Alabama Statewide Freight Plan will occur during FY-2011.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$ 3,600
Local Match	\$ 900
<b>Total Cost</b>	<b>\$ 4,500</b>

**SUBTASK 5.10: Bicycle and Pedestrian Planning**

**Objective:** To encourage bicycle and pedestrian modes through the improvement and implementation of the *Montgomery Study Area Bicycle and Pedestrian Plan*, with integration into the *Long Range Transportation Plan and Transportation Improvement Program*. To update the 2010 – 2014 bicycle and pedestrian plan.

**Previous Work:** Various pedestrian transportation projects as apart of highway improvements or stand-alone projects were processed for inclusion and implementation into the TIP. MPO Staff also completed collection of existing pedestrian facilities for the 2035 LRTP and update of the Bicycle and Pedestrian Plan update in FY 2010. MPO Staff also started collected accident data related to pedestrians and vehicles for transportation planning purposes.

**Proposed Work:** MPO Planning Staff will continue to update the *Montgomery Study Area Bicycle and Pedestrian Plan*. The bicycle and pedestrian plan is expected to be completely updated in FY-2011. MPO Planning Staff will assess the need for new bicycle and pedestrian facilities such as signage, lanes, storage, sidewalks, pedestrian bridges and tunnels, striping and other items as needed and include in a comprehensive bicycle and pedestrian plan document. MPO Staff will complete the collection of pedestrian related accident data and collection of existing sidewalks along functionally classified roadways only. MPO Staff will attend training, workshops and conferences as needed.

**Products:** An updated and/or amended Montgomery Study Area Bicycle and Pedestrian Plan as needed. A well trained and well versed MPO Staff.

**Staffing:** The MPO Planning Staff, the Alabama Department of Transportation with assistance and input/advice from the Alabama Department of Public Health, the Bicycle and Pedestrian Advisory Committee, the Montgomery Bicycle Club and the Elmore County Trail of Legends Association

**Schedule/Timeline:** Update of the bicycle and pedestrian plan to begin in July of FY-2010, with production of a draft plan in early fall and adoption of plan in November or December 2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
PL (FHWA)	\$ 16,000
Local Match	\$ 4,000
<b>Total Cost</b>	<b>\$ 20,000</b>

**UPWP TASK 6**  
**ENVIRONMENTAL MITIGATION AND STREAMLINING**

**TASK 6.1: AIR QUALITY ANALYSIS/MONITORING/PLANNING**

**Objectives:** To monitor, analyze and plan for better air quality in the Montgomery area as affected by the existing transportation system, industry and residents and the forecasted travel demand on the long-range transportation plan network.

**Previous Work:** Staff attended training meetings on air quality in the Montgomery MPO area, as well as training on air quality conformity modeling software.

Air quality information and data published by the Environmental Protection Agency (EPA) and Alabama Department of Environmental Management (ADEM) was received and reviewed in late FY-2010 by MPO Staff for compliance with existing and proposed air quality rules. MPO staff attended air quality training in July 2010 in order to be prepared for implementation of the final air quality rules for 2011. MPO Staff started collecting air quality model data in FY-2010.

**Proposed Work:** Information on air quality will be collected, especially with reference to what other MPO areas throughout the State have done to eliminate problems. Measures which may be appropriate for the Montgomery Study Area will be studied based on changes in air quality status and other related factors and implemented if feasible. Additionally, the MPO Planning Staff will monitor air quality reports, attend meetings, and accomplish other activities as appropriate and dictated based on air quality determination for the Montgomery MPO area.

MPO Staff will continue collecting data related to the air quality model for implementation in FY-2011 or 2012. MPO Staff will attend training, workshops and conferences as needed.

**Products:** A continuing air quality analysis model and continued air quality monitoring of the MPO area.

**Staffing:** The MPO Planning Staff, Alabama Department of Transportation Alabama Department of Environmental Management and Environmental Protection Agency.

**Schedule/Timeline:** Air quality analysis, monitoring and model development planning work will be done, as air quality reports and regulation(s) are released in FY-2010. Planning work is done in conjunction with TIP document

development, amendments and Long Range Transportation Plan document in FY-2011.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$ 800
Local Match	\$ 200
<b>Total Cost</b>	<b>\$ 1,000</b>

**SUBTASK 6.2: CLIMATE CHANGE AND GREEN HOUSE GAS (GHG) EMISSIONS**

**Objectives:** To utilize and integrate climate change information/data in the MPO transportation planning process, in order to mitigate harmful man made impacts on the environment. To take appropriate steps to train MPO and MPO Staff about climate change and green house gas emissions as related to transportation planning.

**Previous Work:** No previous work, no previous instructions or guidelines. This is a new subtask required subtask.

**Proposed Work:** The MPO Planning Staff will complete work/research as they are deemed necessary for transportation planning projects. MPO Staff will attend training, workshops and conferences as needed. MPO Staff will become familiar with all Federal government resources and publications regarding climate change and green house gas emissions. All MPO staff will become familiar with climate change and green house gas emissions to be able to communicate effectively with a diverse group of interests.

**Products:** Products dependent upon project assignment.

**Staffing:** The MPO Planning Staff, the Alabama Department of Transportation and Federal government personnel.

**Schedule/Timeline:** Training dates will be determined in FY-2011.

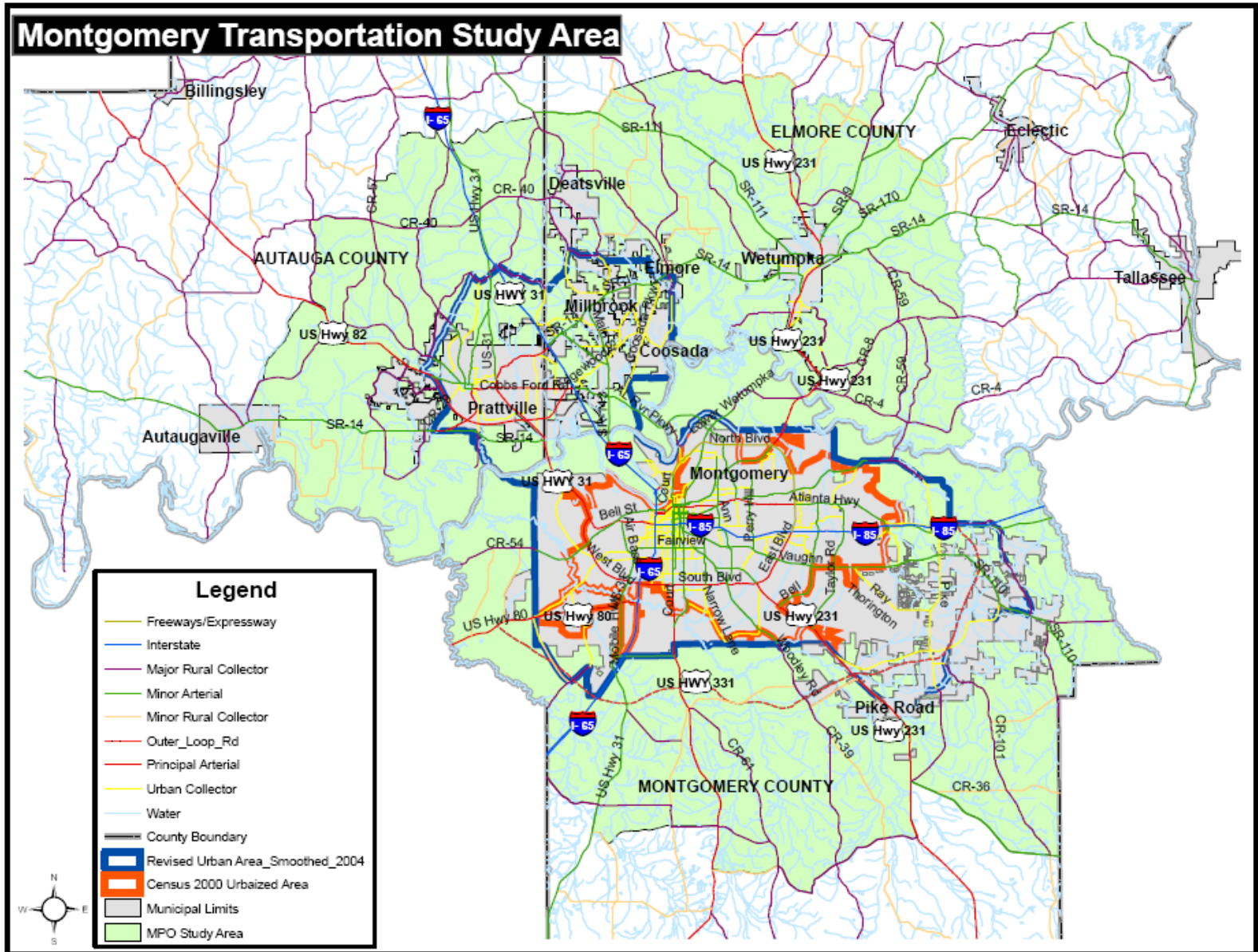
**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2011</u>
Planning Funds (FHWA-PL)	\$ 400
Local Match	\$ 100
<b>Total Cost</b>	<b>\$ 500</b>

# APPENDICES

# MONTGOMERY TRANSPORTATION STUDY AREA

Figure 1.



## **MPO ORGANIZATION**

The Montgomery MPO process is carried out by the Metropolitan Planning Organization (MPO) Policy Board. The MPO has two advisory committees. **The MPO (Policy Board)** is the official decision making body of the process. The MPO policy board has two advisory committees and a professional transportation planning staff which includes: **(1) The Technical Coordinating Committee (TCC)**, which coordinates and advises the MPO on technical matters of projects, plans and programs, **(2) The Citizens Advisory Committee (CAC)**, which advises the MPO on the general public's perspective on projects, plans and programs and **(3) MPO Transportation Planning Professional Staff**, the MPO Staff manages the day to day, week to week, month to month and yearly operation of the MPO Transportation Planning Process.

The MPO has the ultimate authority on all transportation planning decisions, but the advisory committees and staff make recommendations to the MPO that shape the transportation planning process. The activities of the TCC, CAC and MPO Staff are governed by the MPO.

### **Metropolitan Planning Organization (MPO)**

The MPO serves as the official decision making body for the Montgomery Area Transportation Planning Process. The MPO oversees how federal transportation dollars are spent in the transportation study area. The MPO's responsibilities include the review and approval of all plans, programs, and projects, and regulating the TCC, CAC and Staff functions. The MPO is composed of twelve (12) voting members and six (6) non-voting members.

### **Metropolitan Planning Organization Members Include:**

#### **Voting Members:**

**Todd Strange** – Mayor, City of Montgomery

**Jim Byard** – Chairman-Mayor, City of Prattville

**Charles Jinright** – Vice Chairman-City Councilman, City of Montgomery

**Danny Chavers** – County Commissioner, Autauga County Commission

**John Lorentson** – Sixth Division Engineer, Alabama Department of Transportation

**Jerry Willis** – Mayor, City of Wetumpka

**Kenneth J. Groves, Jr. AICP.** – Director of Planning and Development, City of Montgomery

**Frank R. Houston** – Mayor, Town of Coosada

**Al Kelley** – Mayor, City of Millbrook

**Cornelius Calhoun** – Councilman, City of Montgomery

**Earl Reeves** – County Commissioner, Elmore County Commission

**Elton Dean** - Montgomery County Commission

#### **Non-Voting Members:**

**Bill Tucker** – Executive Director, Central Alabama Regional Planning & Development Commission

**Holly Peterson** – Transportation Program Specialist, Federal Transit Administration

**Kelvin Miller** – General Manager, Montgomery Area Transit System  
**Bob Jilla, Chief, Bureau of Transportation Planning and Modal Programs, ALDOT**  
**Marylin Defee** – Autauga County Rural Transit System  
**Mark D. Bartlett** – Division Administrator, Federal Highway Administration  
**Ken Upchurch** – City of Montgomery Planning Commission

### **Technical Coordinating Committee (TCC)**

The Technical Coordinating Committee (TCC) provides technical advisory guidance to the MPO. The TCC reviews plans, programs, projects, studies, and reports and provides the MPO with recommendations concerning them. The TCC also serves as a coordinating forum for all agencies involved in the transportation planning process. Participants on the TCC include municipalities, counties, the Alabama Department of Transportation, the Federal Highway and Transit Administration and other selected transportation interests. The Technical Coordinating Committee is composed of twenty-eight (28) voting members and three (3) non-voting members.

Technical Coordinating Committee Members Include:

#### **Voting Members:**

**Alfedo Acoff** - Coordinator Environmental Technical Section, Alabama Department of Transportation  
**Terri Adams** – Alabama Department of Economic and Community Affairs  
**Locke “Bubba” Bowden** – Traffic Engineer, City of Montgomery  
**Clint Andrews** – Planning Engineer Federal Highway Administration  
**David Bufkin** – County Engineer, Autauga County  
**Sam Clifton** – Elmore Town Clerk, Town of Elmore  
**Chris Christiansen** – Montgomery Association for Retarded Citizens  
**Joel Duke, AICP** – Director of Planning and Development, City of Prattville  
**W. Clayton Edgar** – Mayor, Town of Deatsville  
**Jerry Peters**– City Engineer, City of Millbrook  
**Chris Howard** – Air Division Planning Branch, Alabama Department of Environmental Management  
**Bill Tucker** – Executive Director, Central Alabama Regional Planning and Development Commission  
**Ken Groves, AICP** – Director of Planning and Development, City of Montgomery (Chairman)  
**Stewart Peters** – Planner, Town of Coosada  
**Dave Harris** – Planning Programs and Right of Way Manager, Federal Highway Administration  
**John McCarthy** – Assistant City Traffic Engineer, City of Montgomery  
**Kelvin Miller** – General Manager, Montgomery Area Transit System  
**Emmanuel Oranika** – Metropolitan and Statewide Transportation Planning Administrator, Alabama DOT  
**Chris Conway** – City Engineer, City of Montgomery  
**Robert Smith** – Senior Transportation Planner, City of Montgomery/MPO  
**David Bollie** – County Transportation Engineer, Alabama Department of Transportation  
**Gordon Stone** – Mayor, Town of Pike Road

**Joann Defee** – Autauga County Rural Transit System  
**Tommy Tyson** – Land Use Controls Administrator, City of Montgomery  
**Kleob Loflin** –Planner, City of Wetumpka  
**George Speake**– County Engineer, Montgomery County  
**Richie Beyer** – Elmore County Engineer

**Non-Voting Members:**

**Bill Couch** – Assistant Bureau Chief, Metropolitan Planning, ALDOT  
**Wes Elrod** – Multimodal Transportation Bureau, Alabama Department of Transportation  
**Phil Perry** – Executive Director, Montgomery Regional Airport

**Citizens Advisory Committee (CAC)**

The Citizens Advisory Committee (CAC) is made of twenty five (25) citizens from the Montgomery MPO Study Area and advises the MPO. The voting MPO members appoint CAC members. The CAC was established to help provide and encourage active citizen participation in the transportation planning process, and also to advise the MPO of the citizen’s perspective on transportation planning plans, programs, and projects.

**The Citizens Advisory Committee (CAC) Members Include:**

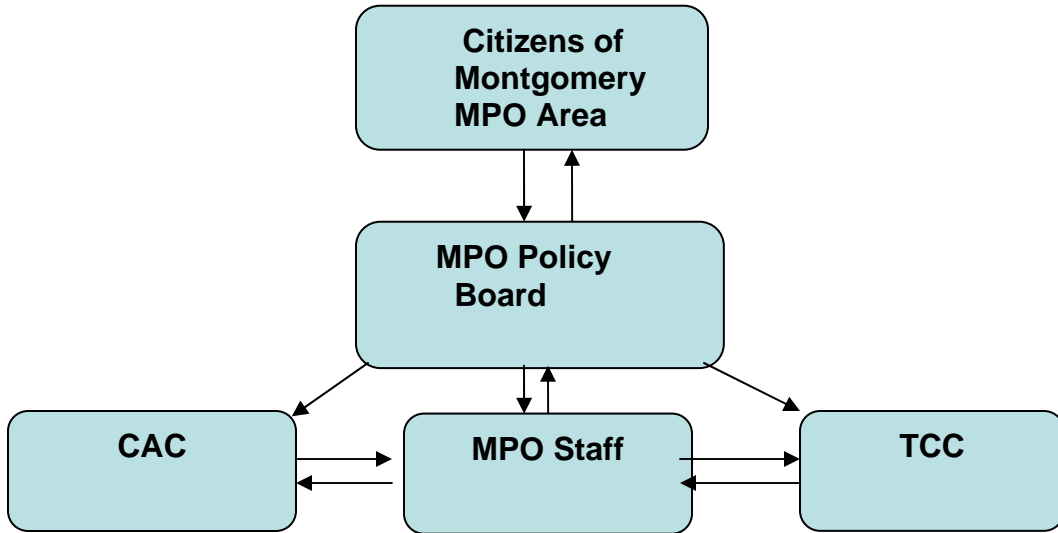
**David Sikes**, Chairman, Elmore County  
**Jon Broadway**, City of Montgomery  
**Vacant**, City of Prattville  
**Johnny Jackson**, City of Montgomery  
**Ruth Ott**, City of Montgomery  
**Edward Stevens**, City of Montgomery  
**Augustus Townes Jr**, City of Montgomery  
**Theodore White**, City of Montgomery  
**Blair Rehnberg**, Coosada  
**Kathy Ann LeCroix**, Millbrook  
**Valeria Harman**, Montgomery  
**Roger Burnett**, Montgomery County  
**Susanna Stewart**, Montgomery  
**Gracie Stroud**, Montgomery  
**Mary Stevens**, Montgomery  
**James Brown**, City of Montgomery  
**David Martin**, City of Montgomery

**MPO Professional Transportation Planning Staff**

The MPO Staff manages the day to day operation of the MPO to include all professional transportation planning and programming work.

**Robert Smith** – Senior Transportation Planner, City of Montgomery/MPO  
**Kindell Anderson** – Transportation Planner, City of Montgomery/MPO  
**April Delchamps** – Transportation Planner, City of Montgomery/MPO  
**James Askew** – GIS Analyst, City of Montgomery/MPO  
**Joe Mack** – Grants Accountant, City of Montgomery/MPO

**Figure 2.: MPO Organizational Chart**



## ACRONYMS AND ABBREVIATIONS USED IN THE TRANSPORTATION PLANNING PROCESS

AL/SR - Alabama Highway or State Route  
ALDOT - Alabama Department of Transportation  
BR - Bridge  
BSP - Base and pave  
CAC - Citizens Advisory Committee  
CAP - Transit Capital  
CARPDC - Central Alabama Regional Planning & Development Commission  
CARE - Critical Analysis and Reporting Environment  
CN - Construction  
CR - County Road  
EJ - Environmental Justice  
FCS - Functional Classification System  
FHWA - Federal Highway Administration  
FTA - Federal Transit Administration  
GDB - Grade, drain, and bridge  
GPB - Grade, drain, base, pave, and bridge  
GIS - Geographic Information System  
IM - Interstate Maintenance  
ITS - Intelligent Transportation System  
LRTP - Long Range Transportation Plan (20-25 Year Plan)  
MATS - Montgomery Area Transit System  
MSA - Metropolitan Statistical Area  
MP - Mile Post  
MPO - Metropolitan Planning Organization  
MT - Maintenance program  
MUTCD - Manual on Uniform Traffic Control Devices  
NHS - National Highway System  
OTH - Other  
PE - Preliminary Engineering  
PL - FHWA Planning Funds  
RW - Right of Way  
SAFETEA-LU - Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users  
Section 5303 - FTA Metropolitan Planning Funds  
Section 5307 - FTA formula funds for urbanized areas  
Section 5309 - FTA capital program funds (currently earmarked by Congress)  
Section 5310 - FTA Elderly and Persons with Disabilities Program funds  
Section 5311 - FTA Formula Funds for Rural Transportation Programs  
Sixth Division - ALDOT Division consisting of eight counties (**Autauga**, Bullock, Butler, Dallas, **Elmore**, Lowndes, Macon, and **Montgomery**)  
SOV - Single Occupancy Vehicle  
SR - State Road  
STIP - State Transportation Improvement Program  
STP - Surface Transportation Program  
TAZ - Traffic Analysis Zone  
TCC - Technical Coordinating Committee  
TE - Transportation Enhancement  
TIP - Transportation Improvement Program  
TMA - Transportation Management Area  
UA - Urbanized Area (identified by the Census Bureau, 50,000 population and above)  
UC - Urban Cluster (identified by the Census Bureau, 49,999 and below population)  
UPWP - Unified Planning Work Program  
UT - Utility Work

## FINANCIAL BUDGET TABLES

TABLE 1.  
DRAFT FISCAL YEAR 2011 UPWP SUMMARY BUDGET

TASK NUMBER & DESCRIPTION	PL - FHWA MUA		SPR FHWA ALDOT		FTA SECTION FTA 5307		TOTALS			
	FHWA	MUA	FHWA	ALDOT	FTA	SECTION 5307	FHWA	FTA	MUA & ALDOT	GRAND TOTAL
1.1 MPO ADMINISTRATION	\$52,008	\$10,502	\$72,000	\$18,000	\$0	\$0	\$124,008	\$0	\$28,502	\$152,510
1.2 COOP	\$400	\$100	\$0	\$0	\$0	\$0	\$400	\$0	\$100	\$500
2.1 UPWP	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$12,000	\$0	\$3,000	\$15,000
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.1 GIS DATA COLLECTION/ANALYSIS	\$51,200	\$12,800	\$0	\$0	\$0	\$0	\$51,200	\$0	\$12,800	\$64,000
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.1 GENERAL PUBLIC INVOLVEMENT	\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$32,000	\$0	\$8,000	\$40,000
4.2 ENVIRONMENTAL JUSTICE	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$8,000	\$0	\$2,000	\$10,000
5.1 LONG RANGE TRANSPORTATION PLAN	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$20,000	\$0	\$5,000	\$25,000
5.1.1 AIR QUALITY CONFORMITY - LRTP	\$12,409	\$3,102	\$0	\$0	\$0	\$0	\$12,409	\$0	\$3,102	\$15,511
5.2 TRANSPORTATION IMPROVEMENT PROGRAM	\$56,301	\$14,075	\$0	\$0	\$0	\$0	\$56,301	\$0	\$14,075	\$70,376
5.2.1 AIR QUALITY CONFORMITY - TIP	\$13,200	\$3,300	\$0	\$0	\$0	\$0	\$13,200	\$0	\$3,300	\$16,500
5.3 TRANSIT PLANNING AND ADMINISTRATION	\$56,000	\$14,000	\$0	\$0	\$0	\$0	\$56,000	\$0	\$14,000	\$70,000
5.4 DISADVANTAGED BUSINESS ENTERPRISE	\$1,600	\$400	\$0	\$0	\$0	\$0	\$1,600	\$0	\$400	\$2,000
5.5 PARATRANSIT SERVICE FOR THE DISABLED	\$2,400	\$600	\$0	\$0	\$0	\$0	\$2,400	\$0	\$600	\$3,000
5.6 CONGESTION MANAGEMENT PLANNING	\$4,000	\$1,000	\$0	\$0	\$0	\$0	\$4,000	\$0	\$1,000	\$5,000
5.7 SAFETY PLANNING AND MONITORING	\$4,000	\$1,000	\$0	\$0	\$0	\$0	\$4,000	\$0	\$1,000	\$5,000
5.8 SPECIAL PROJECTS, CORRIDOR DEVELOPMENT & DRI	\$4,000	\$1,000	\$0	\$0	\$0	\$0	\$4,000	\$0	\$1,000	\$5,000
5.9 INTERMODAL AND FREIGHT PLANNING	\$3,600	\$900	\$0	\$0	\$0	\$0	\$3,600	\$0	\$900	\$4,500
5.10 BICYCLE & PEDESTRIAN PLANNING	\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$16,000	\$0	\$4,000	\$20,000
6.1 AIR QUALITY ANALYSIS, MONITORING AND PLANNING	\$800	\$200	\$0	\$0	\$0	\$0	\$800	\$0	\$800	\$1,000
6.2 CLIMATE CHANGE & GREEN HOUSE GAS EMISSIONS	\$400	\$100	\$0	\$0	\$0	\$0	\$400	\$0	\$400	\$500
TOTALS	\$350,318	\$85,079	\$72,000	\$18,000	\$0	\$0	\$422,318	\$0	\$103,979	\$525,397
TOTAL FEDERAL PLUS MATCHING FUNDS		\$435,397		\$90,000		\$0		\$422,318		\$525,397

MUA = MONTGOMERY URBANIZED AREA 20%

PL-FHWA = FEDERAL HIGHWAY ADMINISTRATION AND FEDERAL TRANSIT ADMINISTRATION PLANNING FUNDS 80%

FTA = FEDERAL TRANSIT ADMINISTRATION

SPR-FHWA-ALDOT = STATE PLANNING AND RESEARCH FEDERAL FUNDS ALLOCATED FOR TECHNICAL SUPPORT FOR ALDOT

The PL-FHWA and FTA 5303 planning funds have been combined as one fund for better management and tracking

ALDOT = ALABAMA DEPARTMENT OF TRANSPORTATION

TABLE 2.  
DRAFT FISCAL YEAR 2011 UPWP AGENCY PARTICIPATION TABLE

TASK NUMBER & DESCRIPTION	ALDOT	CITY OF MONTGOMERY MATCH	CONSULTANT SERVICES	TOTAL
1.1 MPO ADMINISTRATION	\$90,000	\$10,502	\$0	\$100,502
1.2 COOP	\$0	\$100	\$0	\$100
2.1 UPWP	\$0	\$3,000	\$0	\$3,000
3.1 GIS DATA COLLECTION/ANALYSIS	\$0	\$12,800	\$0	\$12,800
4.1 GENERAL PUBLIC INVOLVEMENT	\$0	\$8,000	\$0	\$8,000
4.2 ENVIRONMENTAL JUSTICE	\$0	\$2,000	\$0	\$2,000
5.1 LONG RANGE TRANSPORTATION PLAN	\$0	\$5,000	\$0	\$5,000
5.1.1 AIR QUALITY CONFORMITY - LRTP	\$0	\$3,102	\$0	\$3,102
5.2 TRANSPORTATION IMPROVEMENT PROGRAM	\$0	\$14,075	\$0	\$14,075
5.2.1 AIR QUALITY CONFORMITY - TIP	\$0	\$3,300	\$0	\$3,300
5.3 TRANSIT PLANNING AND ADMINISTRATION	\$0	\$14,000	\$0	\$14,000
5.4 DISADVANTAGED BUSINESS ENTERPRISE	\$0	\$400	\$0	\$400
5.5 PARATRANSIT SERVICE FOR THE DISABLED	\$0	\$600	\$0	\$600
5.6 CONGESTION MANAGEMENT PLANNING	\$0	\$1,000	\$0	\$1,000
5.7 SAFETY PLANNING AND MONITORING	\$0	\$1,000	\$0	\$1,000
5.8 SPECIAL PROJECTS, CORRIDOR DEVELOPMENT & DRI	\$0	\$1,000	\$0	\$1,000
5.9 INTERMODAL AND FREIGHT PLANNING	\$0	\$900	\$0	\$900
5.10 BICYCLE & PEDESTRIAN PLANNING	\$0	\$4,000	\$0	\$4,000
6.1 AIR QUALITY ANALYSIS, MONITORING AND PLANNING	\$0	\$200	\$0	\$200
6.2 CLIMATE CHANGE & GREEN HOUSE GAS EMISSIONS	\$0	\$100	\$0	\$100
TOTAL	\$90,000	\$85,079	\$0	\$175,079