

# Montgomery Metropolitan Planning Organization (MPO)

**DRAFT**

## FISCAL YEAR 2010 UNIFIED PLANNING WORK PROGRAM (UPWP) OCTOBER 1, 2009 – SEPTEMBER 30, 2010



Montgomery Metropolitan Planning Organization

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

**Draft Date: July 23, 2009**

# MONTGOMERY METROPOLITAN PLANNING ORGANIZATION

**DRAFT**

## **UNIFIED PLANNING WORK PROGRAM (UPWP) FISCAL YEAR 2010 OCTOBER 1, 2009 – SEPTEMBER 30, 2010**

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

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**Draft Date: July 23, 2009**

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**TCC cont'd**

Mr. Kelvin L. Miller  
General Manager  
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Mr. Bill Tucker, Executive Director  
Central AL Regional Planning &  
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Ms. Marilyn 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  
Alabama Trucking Association

Mr. George Speake  
County Engineer  
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**Non-Voting TCC Members**

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Assistant Bureau Chief  
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Mr. William E. (Bill) Couch  
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Mr. Phil Perry  
Executive Director  
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Vacant  
City of Montgomery

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City of Montgomery

Rodger Burnette  
Montgomery County

Ms. Valeria Harman  
City of Montgomery

Mr. Johnny Jackson  
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Ms. Ruth Ott  
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Town of Coosada

Mr. Jon Broadway  
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Mr. Edward Stevens  
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Ms. Gracie Stroud  
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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 2010 UPWP

Montgomery Metropolitan Planning Organization (MPO)  
Adopting the Draft Fiscal Year 2010 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 Unified Planning Work Program for Fiscal Year 2010; and,

**WHEREAS**, pursuant to its duties, functions, and responsibilities, the Montgomery Metropolitan Planning Organization (MPO) on this the \_\_\_ Day of July, 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 2010 Unified Planning Work Program* as written.

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**Jim Byard, Jr., Montgomery MPO Chairman**

Date: \_\_\_\_\_

ATTEST:

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**Kenneth J. Groves, MPO Secretary, TCC Chairman**

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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 2010, which covers the period October 1, 2009 to September 30, 2010. 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.

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-2010. 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-2010</u>
PL (FHWA)	\$ 80,000
LOCAL MATCH	\$ 20,000
SPR	\$ 72,000
STATE MATCH	\$ 18,000
<b>Total Cost</b>	<b>\$190,000</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-2010</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-2010 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-2009 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-2009 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-2009. The MPO Staff monitored the FY-2009 UPWP budget to ensure that the budget was managed properly.

**Proposed Work:** The MPO Staff will manage the FY-2010 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-2010. The MPO Staff will prepare a draft and final 2011 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.

**Product:** A UPWP document that shows what tasks the MPO and Staff will undergo during fiscal year 2010 in order to coordinate and plan for transportation improvements. Preparation of a draft and final FY-2011 UPWP. Amendments to the UPWP as needed.

**Staffing:** The MPO Planning Staff

**Schedule/Timeline:** UPWP management will occur daily, weekly, and monthly during FY-2010. A draft 2011 UPWP will be prepared in June, and a final UPWP should be approved in August or September 2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
PL (FHWA)	\$ 12,000
Local Match	\$ 3,000
<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-2009. 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.
- (4) TAZs 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.

**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-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
PL (FHWA)	\$ 71,200
Local Match	\$ 17,800
<b>Total</b>	<b>\$ 89,000</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-2009. Plans and programs considered by the MPO have been advertised for either a 7 or 14 day public involvement period prior to 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-2009, 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 and sent to the transportation mailing list.

**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.

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-2010. Public involvement will occur

throughout the development and preparation of planning and related documents in FY-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
PL (FHWA)	\$32,000
Local Match	<u>\$ 8,000</u>
<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 report for a 2030 LRTP amendment. 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 2035 LRTP update 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

**Schedule/Timeline:** Environmental justice will occur before every MPO and advisory committee meetings in FY-2010. Environmental justice will occur throughout the development and preparation of planning and related documents in FY-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</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 update of the 2035 LRTP and adopt in FY-2010.

**Previous Work:** Transportation planning software, TRANPLAN/CUBE model software was used to develop a base year 2005 transportation network. MPO Staff attended quarter travel demand model training at the ALDOT computer training facility. MPO Staff attended various other internet training on travel demand model aspects. An amendment was done in FY-2009 to include a new interchange project in Montgomery County.

Work was continued to collect, verify and finalize socioeconomic data for all variables used in the regional travel demand model for the 2035 LRTP. New employment (retail and non-retail) data was acquired for the 2005 base year of the 2035 LRTP. Residential building permit data, school enrollment data, plat data, subdivision data, aerial photography were collected for years 2001-2008 for the entire study area.

General County level socioeconomic data forecasts were prepared by the University of Alabama and Auburn University Montgomery Centers for Demographic and Economic Research. MPO Staff further disaggregated socioeconomic data from county level data to TAZ level data for all socioeconomic data levels for the 2005 base year and 2035 forecast year.

MPO Staff has also engaged a consultant to assist in the development of the 2035 LRTP and has an additional contract employee on staff assisting with the 2035 LRTP. The estimated total cost of consulting assistance and the independent contract employee will be \$56,559 total dollars. This will be carried over from FY-2009 into FY-2010.

**Proposed Work:** TRANPLAN and CUBE software will be used for the 2035 *Long Range Transportation Plan* update and amended as needed. The current 2030 LRTP will be maintained and updated as needed. The transportation planning computer model will be calibrated and validated for 2005 and forecast to 2035. New TAZ will be delineated, and the study area and urban area boundary will have to be re-evaluated to determine the true growth.

The model once calibrated and validated for 2005, will then be used to forecast 2035 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 continue in FY-2010, with a draft LRTP document ready by October or November 2009, with adoption by December 2009 or January 2010. MPO Staff will attend quarterly travel demand model training at the ALDOT computer training facility. MPO Staff will attend training, workshops and conferences as needed.

**Products:** 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. An up-to-date 2035 long range transportation plan that indicates necessary projects to meet the future transportation needs of the Montgomery Study Area. A further developed integrated land use and transportation model that helps with scientifically locating socioeconomic data in TAZs and assessing land use impacts for the future.

**Staffing:** The MPO Planning Staff, a Consultant 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:**

Source of Funds	FY-2010
PL (FHWA)	\$ 64,000
LOCAL MATCH	\$ 16,000
<b>Total Cost</b>	<b>\$ 80,000</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-2009 MPO staff monitored current air quality readings and other related information for compliance with FY-2009 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 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.

**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-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
PL (FHWA)	\$ 12,000
LOCAL MATCH	\$ 3,000
<b>Total Cost</b>	<b>\$ 15,000</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.

**Previous Work:** The MPO Staff has managed the TIP for over 30 years. The TIP was amended five times in FY-2009 for a total of 60 projects, including a rebalancing and update done in late FY-2009. 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-08 was prepared and published at the beginning of FY-2009. 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-2009, FY-2010 and FY-2011. 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. MPO Staff will attend training, workshops and conferences as needed.

**Products:** A prioritized and financially constrained *Transportation Improvement Program* document updated every four years, that considers the long and short range transportation needs of the community, with due regard for all segments of the population and the Study Area economy. The TIP and its amendments will be made available on the MPO website at (<http://www.montgomerympo.org>). A published list of active TIP projects will be available.

**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:**

Source of Funds	FY-2010
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 un 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-2009 MPO staff monitored current air quality readings and other related information for compliance with FY-2009 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 2008-2011 TIP 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.

**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-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
PL (FHWA)	\$ 5,600
LOCAL MATCH	\$ 1,400
<b>Total Cost</b>	<b>\$ 7,000</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-2009 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 2008 during FY-2009. Staff also attended FTA training on procurement system review and financial management oversight.

The *Montgomery Urbanized Area Transit Development Plan (TDP) (2009-2013)* was prepared and underwent public review (adopted by the City of Montgomery on September 2008). Transportation planning staff will assist MATS in implementing the TDP

MPO Staff has also used GIS and socioeconomic data to analyze the transit system routes as part of the 2009-2013 TDP to see where future improvements needed to be focused.

MPO Staff attended Southern High Speed Rail Commission meetings and prepared a pre-application and application for Federal funding for the Gulf Breeze Amtrak route re-establishment.

**Proposed Work:** MPO Staff will continue to assist MATS staff with the implementation of the TDP in FY-2010. 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 hire a consultant do a transit survey and collect passenger ridership data and other information needed for the mode choice model and transit planning purposes at an estimated total cost of \$25,000. MPO Staff will prepare and assist MATS staff in preparation of public involvement activities. MPO Staff will attend training, workshops and conferences as needed.

MPO Staff will also continue to do passenger rail planning work for proposed Amtrak Gulf Breeze Corridor from Birmingham to Mobile. 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.

**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-2010. Maintain all transit related GIS data and information as needed in FY-2010. Manage all transit grants and apply for new one as needed in FY-2010. Prepare all other Federal Transit Administration reports as needed during FY-2010. Prepare request for proposals and hire consultant to do transit survey in FY-2010. Attend training as needed and required in FY-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
Planning Funds (FHWA-PL)	\$76,000
Local Match	<u>\$19,000</u>
<b>Total Cost</b>	<b>\$95,000</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-2009. 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-2010</u>
Planning Funds (FHWA-PL)	\$ 1,600
Local Match	\$ 400
<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-2009 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-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</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.

**Previous Work:** MPO Staff and a consultant finalized the update of the Congestion Management System Plan for 2009-2013. A public involvement meeting and two week public comment period were completed for a review of the draft Congestion Management System Plan document. The *Congestion Management System Plan (CMSP)* was adopted by the MPO on April 15, 2009.

Traffic counts and street inventories have been updated and reviewed. 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 finalize 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 complete the CommuteSmart Montgomery website and assist citizens with getting registered, and further find out how many people were currently registered. A total of 277 people are registered in the CommuteSmart Montgomery program as of June FY-2009.

**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 as needed in FY-2010 and monitored for adherence to planning and programming activity.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
Planning Funds (FHWA-PL)	\$ 8,000
Local Match	\$ 2,000
<b>Total Cost</b>	<b>\$10,000</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 for FY-2007 and FY-2008 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-2009 that will make roadways safer 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, and transit 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-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</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-2010</u>
Planning Funds (FHWA-PL)	\$ 9,600
Local Match	<u>\$ 2,400</u>
<b>Total Cost</b>	<b>\$12,000</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 doing work on the State of Alabama Freight Study and action plan. MPO Staff attended Coosa-Alabama River Improvement Association (CAWA) meeting regarding freight mobility study by barge. MPO Staff attended various Airport Authority meetings related to the Airport intermodal facility project. The MPO Staff also prepared an FTA earmark grant application amendment for the Airport intermodal project and processed invoices for payment to the planning and engineering consultant assigned to the project.

**Proposed Work:** The MPO Staff will continue to work with the consultants doing the State of Alabama Freight Study and action plan. MPO Staff will also do freight planning work in the 2035 LRTP update as part of the needs assessment process and recommendation process. MPO Staff will also collect all known freight information for planning purposes. MPO Staff will attend Coosa-Alabama River Improvement Association (CAWA) meetings and workshops and work with them to find solutions to freight problems and issues and other workshops.

**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.

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

**Schedule/Timeline:** Intermodal and freight planning work will be done concurrently with the 2035 LRTP update and development during the first six months of FY-2010. Further planning and implementation work for airport

intermodal project will occur during FY-2010. Work on the Alabama Statewide Freight Plan will occur during FY-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</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 (Adopted in September 2003)*, with integration into the *Long Range Transportation Plan and Transportation Improvement Program*.

**Previous Work:** Various pedestrian transportation projects as apart of highway improvements were processed for inclusion and implementation into the TIP. MPO Staff also started collecting existing pedestrian facilities (sidewalks, pedestrian bridges and pedestrian tunnels) for the 2035 LRTP and update of the Bicycle and Pedestrian Plan update to occur in FY 2010. MPO Staff also started collecting accident data related to pedestrians and vehicles for planning purposes.

**Proposed Work:** MPO Planning Staff will update the *Montgomery Area Bicycle and Pedestrian Plan* every five years. The bicycle and pedestrian plan is expected to be updated in FY-2010. 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. MPO Staff will complete the collection of pedestrian related accident data and collection of existing sidewalks along functionally classified roadways. 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, 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 the first six months of FY-2010, with production of a draft plan in late spring and adoption of plan in August or September 2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
PL (FHWA)	\$ 16,000
Local Match	<u>\$ 4,000</u>
<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 attends meetings on air quality and congestion management in the Montgomery Area and is continuously working on congestion management capabilities. Strategies to reduce air pollutants in the Montgomery area have and will continue to be pursued.

An updated *Congestion Management System Plan (CMSP)* was adopted by the MPO on April 15, 2009. The update of the CMSP was initiated in late FY-2007 with work continuing in FY-2008 and finalization in FY-2009. A draft and final report document with strategies to manage congestion by keeping traffic flowing so that air quality remains safe was presented for adoption in FY-2009.

Air quality information and data published by the Environmental Protection Agency (EPA) and Alabama Department of Environmental Management (ADEM) were received and reviewed in early FY-2009 and put on the MPO website for public view.

**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 attend training, workshops and conferences as needed.

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

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

**Schedule/Timeline:** Air Quality Analysis, monitoring and 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-2010.

**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</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-2010.

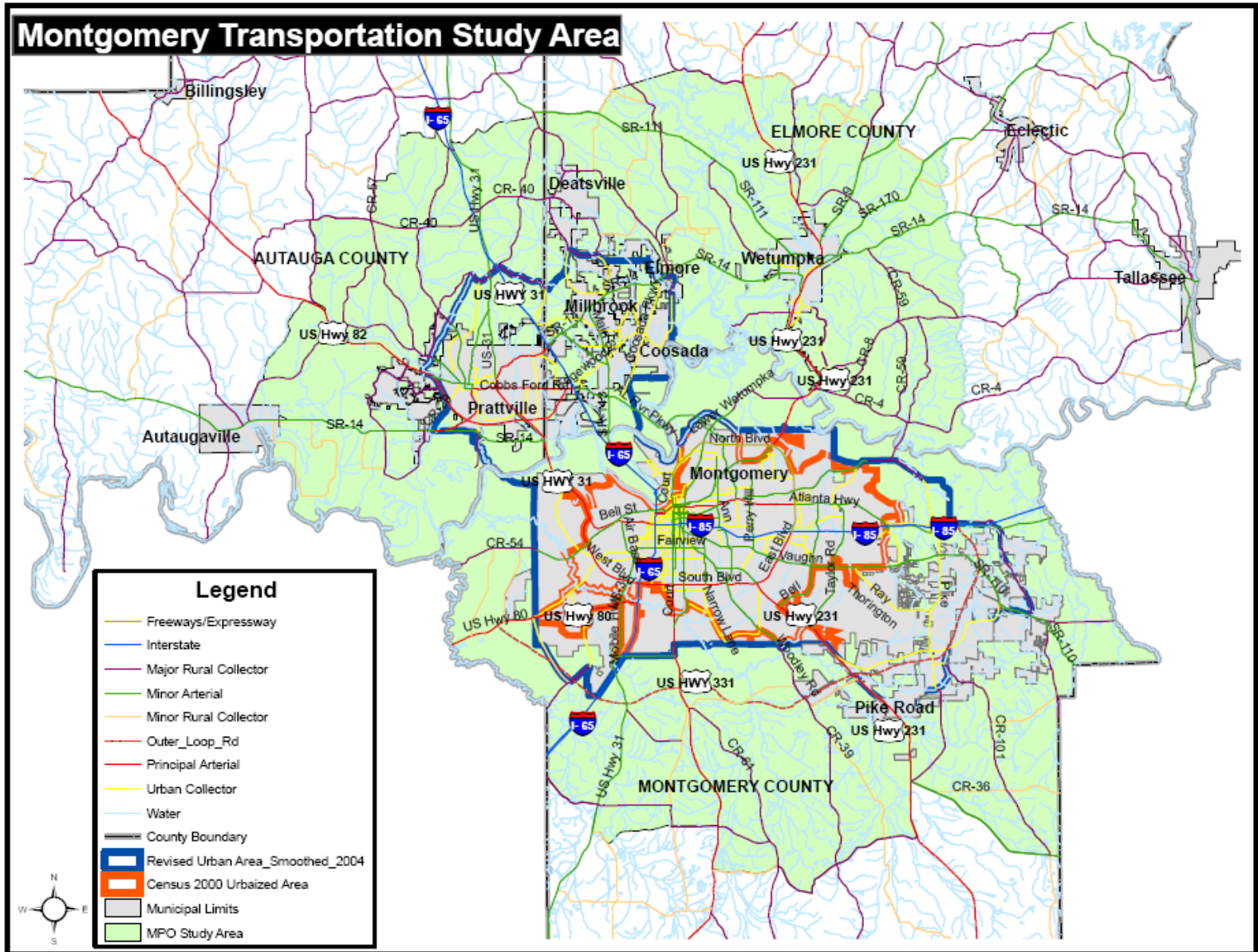
**Financial Responsibility:**

<u>Source of Funds</u>	<u>FY-2010</u>
Planning Funds (FHWA-PL)	\$ 400
Local Match	\$ 100
<b>Total Cost</b>	<b>\$ 500</b>

# APPENDICIES

# 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

**Jeffery Anoka** – 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:**

**Alfredo 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  
**Stuart Manson** – Assistant Traffic Engineer, City of Montgomery  
**Kelvin Miller** – General Manager, Montgomery Area Transit System  
**Emmanuel Oranika** - Metropolitan Planning Engineer, 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  
**Marylin Defee** – Autauga County Rural Transit System

**Tommy Tyson** – Land Use Controls Administrator, City of Montgomery  
**Kleob Loflin** –City of Wetumpka  
**George Speak**– County Engineer, Montgomery County  
**Richie Beyer** – Elmore County Engineer

**Non-Voting Members:**

**Bill Couch** – Assistant Bureau Chief, Metropolitan Planning, Alabama Department of Transportation  
**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:**

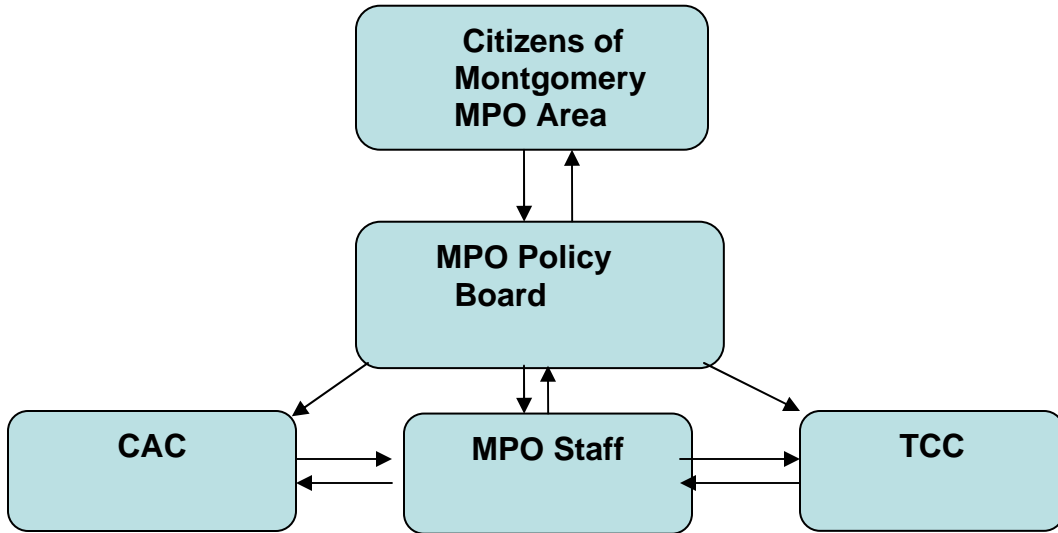
**David Sikes**, Chairman, Elmore County  
**Jon Broadway**, City of Montgomery  
**Vacant**, City of Prattville  
**Johnny Jackson**, City of Montgomery  
**Ruth Ott**, City of Montgomery  
**Edward Stevens**, City of Montgomery  
**Augustus Townes Jr**, City of Montgomery  
**Theodore White**, City 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 2010 UPWP SUMMARY BUDGET**

TASK NUMBER & DESCRIPTION	PL - FHWA	MUA	SPR		FTA	SECTION FTA 5307	TOTALS		MUA & ALDOT	GRAND TOTAL
			FHWA	ALDOT			FEDERAL FHWA	FTA		
1.1 MPO ADMINISTRATION	\$80,000	\$20,000	\$72,000	\$18,000	\$0	\$0	\$152,000	\$0	\$38,000	\$190,000
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	\$71,200	\$17,800	\$0	\$0	\$0	\$0	\$71,200	\$0	\$17,800	\$89,000
	\$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	\$64,000	\$18,000	\$0	\$0	\$0	\$0	\$84,000	\$0	\$18,000	\$80,000
5.1.1 AIR QUALITY CONFORMITY - LRTP	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$12,000	\$0	\$3,000	\$15,000
5.2 TRANSPORTATION IMPROVEMENT PROGRAM	\$58,301	\$14,075	\$0	\$0	\$0	\$0	\$58,301	\$0	\$14,075	\$70,376
5.2.1 AIR QUALITY CONFORMITY - TIP	\$5,800	\$1,400	\$0	\$0	\$0	\$0	\$5,800	\$0	\$1,400	\$7,000
5.3 TRANSIT PLANNING AND ADMINISTRATION	\$78,000	\$19,000	\$0	\$0	\$0	\$0	\$76,000	\$0	\$19,000	\$95,000
5.4 DISADVANTAGED BUSINESS ENTERPRISE	\$1,800	\$400	\$0	\$0	\$0	\$0	\$1,800	\$0	\$400	\$2,000
5.5 PARATRANSIT SERVICE FOR THE DISABLED	\$2,400	\$800	\$0	\$0	\$0	\$0	\$2,400	\$0	\$800	\$3,000
5.6 CONGESTION MANAGEMENT PLANNING	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$8,000	\$0	\$2,000	\$10,000
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	\$9,800	\$2,400	\$0	\$0	\$0	\$0	\$9,800	\$0	\$2,400	\$12,000
5.9 INTERMODAL AND FREIGHT PLANNING	\$4,800	\$1,200	\$0	\$0	\$0	\$0	\$4,800	\$0	\$1,200	\$6,000
5.10 BICYCLE & PEDESTRIAN PLANNING	\$18,000	\$4,000	\$0	\$0	\$0	\$0	\$18,000	\$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
<b>TOTALS</b>	<b>\$465,101</b>	<b>\$116,275</b>	<b>\$72,000</b>	<b>\$18,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$537,101</b>	<b>\$0</b>	<b>\$135,175</b>	<b>\$671,376</b>
<b>TOTAL FEDERAL PLUS MATCHING FUNDS</b>		<b>\$581,375</b>		<b>\$90,000</b>		<b>\$0</b>	<b>\$537,101</b>			<b>\$671,376</b>

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 2010 UPWP AGENCY PARTICIPATION TABLE

TASK NUMBER & DESCRIPTION	ALDOT	CITY OF MONTGOMERY MATCH	CONSULTANT SERVICES	TOTAL
1.1 MPO ADMINISTRATION	\$90,000	\$20,000	\$0	\$110,000
1.2 COOP	\$0	\$100	\$0	\$100
2.1 UPWP	\$0	\$3,000	\$0	\$3,000
3.1 GIS DATA COLLECTION/ANALYSIS	\$0	\$17,800	\$0	\$17,800
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	\$16,000	\$56,559	\$72,559
5.1.1 AIR QUALITY CONFORMITY - LRTP	\$0	\$3,000	\$0	\$3,000
5.2 TRANSPORTATION IMPROVEMENT PROGRAM	\$0	\$14,075	\$0	\$14,075
5.2.1 AIR QUALITY CONFORMITY - TIP	\$0	\$1,400	\$0	\$1,400
5.3 TRANSIT PLANNING AND ADMINISTRATION	\$0	\$19,000	\$25,000	\$44,000
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	\$2,000	\$0	\$2,000
5.7 SAFETY PLANNING AND MONITORING	\$0	\$1,000	\$0	\$1,000
5.8 SPECIAL PROJECTS, CORRIDOR DEVELOPMENT & DRI	\$0	\$2,400	\$0	\$2,400
5.9 INTERMODAL AND FREIGHT PLANNING	\$0	\$1,200	\$0	\$1,200
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	\$116,275	\$81,559	\$287,834