

Montgomery Metropolitan Planning Organization (MPO)

DRAFT

FISCAL YEAR 2012 UNIFIED PLANNING WORK PROGRAM (UPWP) OCTOBER 1, 2011 – SEPTEMBER 30, 2012



Montgomery Metropolitan Planning Organization

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

JULY 2011

MONTGOMERY METROPOLITAN PLANNING ORGANIZATION

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City of Prattville

Montgomery MPO Resolution Draft 2012 UPWP

Montgomery Metropolitan Planning Organization (MPO)
Adopting the Final Fiscal Year 2012 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 amended 23 USC 134 and 135 (SAFETEA_LU Section 6001, August 2005); 23 CFR Parts 450 and 500; 42 USC 7401 et al.; 40 CFR Parts 51 and 93; and,

WHEREAS, the U.S. Department of Transportation requires all urbanized areas, as established by the U.S. Bureau of the Census, doing area-wide urban transportation planning that involves more than one Department of Transportation operating administration, to submit a 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 2012; and,

WHEREAS, pursuant to its duties, functions, and responsibilities, the Montgomery Metropolitan Planning Organization (MPO) on this the 21st Day of July, 2011, 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 2012 Unified Planning Work Program* as written.

Charles Jinright, Montgomery MPO Chairman

Date:

ATTEST:

Robert E. Smith Jr., 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 2012, which covers the period October 1, 2011 to September 30, 2012. 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 , Transportation Planning Division and the Alabama Department of Transportation during FY-2012. 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 to further the objectives of the planning process. MPO Staff will schedule all MPO, TCC and CAC meetings within a timely fashion 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 and continuous 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, semi-annual progress reports will be completed every six months and other administrative tasks will be done before, after and in-between each MPO meeting.

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 52,008
LOCAL MATCH	\$ 13,002
SPR	\$175,000
STATE MATCH	\$ 43,750
Total Cost	\$283,760

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 proactively maintain and update the COOP as needed.

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

Staffing: MPO Planning Staff.

Schedule/Timeline: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 400
LOCAL MATCH	<u>\$ 100</u>
Total Cost	\$ 500

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-2012 and amend as needed and necessary, and prepare a draft and final 2012 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-2012 UPWP and managed the document during the 2011 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-2012 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-2012. The MPO Staff monitored and managed the FY-2011 UPWP budget to ensure that the budget was managed properly.

Proposed Work: The MPO Staff will manage the FY-2012 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-2012. The MPO Staff will prepare a draft and final 2013 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-2013 UPWP.

Staffing: The MPO Planning Staff

Schedule/Timeline: A draft 2013 UPWP will be prepared in June-July 2012, and a final UPWP should be approved in August or September 2012.

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 12,000
Local Match	\$ 3,000
Total	\$ 15,000

UPWP TASK 3

GIS DATA COLLECTION AND ANALYSIS

SUBTASK 3.1:GIS DATA COLLECTION AND ANALYSIS

Objectives: To develop, update, and maintain a computer network consisting of hardware, software and electronic data. The purpose of this network 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 |
| -Air Quality Analysis | |

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 2010 base year for the 2040 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-2011 as well as GIS related work for all MPO related documents and services. MPO Staff collected and distributed Census 2010 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 (to include the municipalities within the aforementioned 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 database of files 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. A GIS knowledgeable and proficient MPO Planning Staff as it relates to computer training and implementation for transportation planning and document preparation.

Staffing: The MPO Planning Staff

Schedule/Timeline: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 48,000
Local Match	\$ 12,000
Total	\$ 60,000

SUBTASK 3.2: PREPARATION OF EMISSIONS ESTIMATES USING MOVES 2010 SOFTWARE

Objectives: To compile emissions data for the purpose of developing a regional emissions or air quality model for the purpose of determining air quality conformity or non-conformity. Emissions data such as, socioeconomic data, land use data, transportation network/system characteristics, fleet and fuel data, meteorology data,, vehicle fleet activity, and emissions factors will be collected for the purpose of determining the on-road emissions from vehicles using the air quality model MOVES 2010.

Previous Work: The MPO Staff started collecting vehicle characteristics in the MPO area from the Department of Motor Vehicles.

Proposed Work: MPO Staff will continue to collect emissions data such as, Socio-economic data, land use data, transportation network/system characteristics, fleet and fuel data, meteorology data, vehicle fleet activity and emissions factors from various sources until the work is completed. MPO Staff will attend training, workshops and conferences as needed as related to emissions data collection.

Products: A complete emissions dataset for the purpose of air quality modeling is a proposed product. An up-to-date MPO Planning Staff as it relates to emissions data collection techniques.

Staffing: The MPO Planning Staff.

Schedule/Timeline: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 2,800
Local Match	\$ 700
Total	\$ 3,500

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-2011. Plans and programs considered by the MPO have been advertised for either a 7 or 14 day public involvement period prior to 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-2011, 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.

Product: A transportation planning process that involves the general public in the MPO transportation planning process from the beginning, continuously, cooperatively and comprehensively throughout and before decisions are made. A

well trained and well versed MPO for the purpose of handling inquires from the general public.

Staffing: The MPO Planning Staff and Alabama Department of Transportation

Schedule/Timeline: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$30,400
Local Match	\$ 7,600
Total Cost	\$ 38,000

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 an 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 the affected population does not receive a majority of the burden from transportation projects, but does 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 in all aspects of projects 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 acted upon. A well trained and well versed staff for the purpose of handling Environmental Justice inquires.

Staffing: The MPO Planning Staff

Schedule/Timeline: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 8,000
Local Match	<u>\$ 2,000</u>
Total Cost	\$10,000

SUBTASK 4.3: PUBLIC INVOLVEMENT FOR AIR QUALITY CONFORMITY

Objectives: To involve all interested citizens in the Montgomery MPO study area in the air quality conformity planning process. To give all citizens an opportunity to voice their concerns, preferences and questions concerning air quality conformity. To provide transportation relevant data as related to air quality conformity 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 air quality conformity data and information as needed and required and on demand.

Previous Work: No work has been done for public involvement as related to air quality conformity in the MPO study area. The MPO Study area is in attainment status for air quality as of FY-2011.

Proposed Work: Notify the general public about the air quality conformity process as related to transportation plans and programs if the Montgomery study area goes into non-attainment for air quality through, local general circulation newspapers, email personal contact and postal mail. Do public involvement for

all meetings and documents related to air quality conformity as required. Prepare public involvement summaries for all transportation planning documents to demonstrate air quality conformity. 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. The proposed work will be done only if the Montgomery MPO study area is declared non-attainment for air quality only. Measures to decrease bad air quality from transportation resources will continue to be advocated by MPO Staff.

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

Product: A transportation planning process that involves the general public in the MPO transportation planning process from the beginning, continuously, cooperatively and comprehensively throughout and before decisions are made as it relates to Air Quality Conformity. A well trained and well versed staff.

Staffing: The MPO Planning Staff and Alabama Department of Transportation

Schedule/Timeline: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 2,000
Local Match	\$ 500
Total Cost	\$ 2,500

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. MPO Staff also traveled using new CUBE Voyager travel demand modeling software on a quarterly basis.

Work was started for the collection of all socioeconomic data for all variables used in the regional travel demand model for the 2040 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 and for the entire study area.

MPO Staff further disaggregated TAZ from 387 to 490 for better transportation planning analysis. Further TAZ delineation was done for the CTPP 2010.

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 CUBE Voyager software as needed. 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 TAZs will be delineated, and the study area and urban area boundary will have to be re-drawn to determine the true growth and usefulness, based on 2010 Census data and boundaries that will be released in 2012.

The model once calibrated and validated for 2010, will then be used to forecast 2040 future traffic. .

The LRTP must be updated every five years. Work on the 2035 LRTP will be done in FY-2012 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-2012 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. Updated 2010 base year data for 2040 LRTP use.

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

Schedule/Timeline: N/A

Financial Responsibility:

Source of Funds	<u>FY-2012</u>
PL (FHWA)	\$ 18,400
LOCAL MATCH	<u>\$ 4,600</u>
Total Cost	\$ 23,000

SUBTASK 5.1.1: LRTP AIR QUALITY CONFORMITY REPORT PREPARATION

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. This task will produce the *Air Quality Conformity Report* for the City of Montgomery and counties of Autauga, Elmore and Montgomery in Alabama – Project Listings Only.

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: Subject to EPA NAAQS update July 2011

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 12,409
LOCAL MATCH	\$ 3,102
Total Cost	\$ 15,511

SUBTASK 5.1.2: AMENDED LRTP PROJECT LISTINGS FOR AIR QUALITY CONFORMITY

Objectives: The purpose of this subtask is for the amending 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: MPO Staff attended and participated in a kick-off meeting for transportation conformity 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. This task will produce an amended 2035 LRTP for air quality conformity purposes if needed.

Products: If required, MPO Staff will amend the 2035 LRTP for air quality conformity requirements.

Staffing: The MPO Planning Staff

Schedule/Timeline: Subject to EPA NAAQS update July 2011.

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 1,600
LOCAL MATCH	\$ 400

Total Cost **\$ 2,000**

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-2012-2015 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 six (6) times in FY-2011 for a total of 40 projects. 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 for FY-2011 will be prepared and published at the beginning of FY-2012 as required. Preparation and approval of the 2012-2015 TIP.

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 and an annual update for STIP purposes may be done in FY-2013. An annual rebalancing of the TIP will be done in FY-2012 for an updated and rebalanced 2012-2015 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. MPO Staff will attend training, workshops and conferences as needed.

Product: A prioritized and financially constrained rebalanced and updated 2012-2015 TIP document for FY-2012.

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 of 2012.

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 56,301

LOCAL MATCH	\$ 14,075
Total Cost	\$ 70,376

SUBTASK 5.2.1: AMENDED TIP PROJECT LISTINGS FOR AIR QUALITY CONFORMITY

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-2011 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 2012-2015 TIP in order to comply with Air Quality Conformity Determination requirements, if found in non-compliance in FY- 2012, there's a grace period to plan and begin documentation. This task will provide amended project listings for the TIP, subject to the schedule and requirements of the NAAQS announcement when it occurs or if it occurs.

Products: If required, MPO Staff will produce all documents required for air quality conformity. This task will produce the Amended Transportation Improvement Program (TIP) for the City of Montgomery and the counties of Autauga, Elmore and Montgomery in Alabama – Project Listings only.

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

Schedule/Timeline: Subject to EPA NAAQS update July 2011

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
PL (FHWA)	\$ 13,200
LOCAL MATCH	\$ 3,300
Total Cost	\$ 16,500

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).

The MPO Staff prepared and submitted FTA grants and reports for the City of Montgomery and the Montgomery Area Transit System (MATS) for the capital and operating grant for FY-2011 and for earmarks/capital grants 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 2010 during FY-2011. Staff also attended FTA training via internet webinars.

MPO Staff attended meetings and did 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-2012. 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 to assist in MATS operation.

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, work 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, the City of Montgomery, 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 as well as public involvement assistance as needed.

Continuous funding from the Federal Transit System grants and completed National Transit Database reports. 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: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$56,000
Local Match	\$14,000
Total Cost	\$70,000

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-2011. 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 and EEO reports and monitor activity as required and needed. 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 and EEO reports.

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

Schedule/Timeline: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$ 1,600
Local Match	\$ 400
Total Cost	\$ 2,000

SUBTASK 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-2011 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: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$ 2,400
Local Match	\$ 600
Total Cost	\$ 3,000

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 180 people are registered in the CommuteSmart Montgomery program as of June FY-2011.

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 a 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. 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: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$ 4,000
Local Match	<u>\$ 1,000</u>
Total Cost	\$ 5,000

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-2011 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 40 projects in FY-2011 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: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$ 4,000
Local Match	\$ 1,000
Total Cost	\$ 5,000

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 CUBE Voyager 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 Voyager 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: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$ 4,000
Local Match	\$ 1,000
Total Cost	\$ 5,000

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: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$ 3,600
Local Match	\$ 900
Total Cost	\$ 4,500

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 2012 – 2015 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 update of the Bicycle and Pedestrian Plan update in FY 2011. MPO Staff also held public involvement meetings related to the update of the bicycle and pedestrian plan and also took and made recommendations regarding bicycle and pedestrian priority routes. 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-2012. 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 attend training, workshops and conferences as needed.

Products: An updated Montgomery Study Area Bicycle and Pedestrian Plan.

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 and the Montgomery Bicycle Club and interested citizens.

Schedule/Timeline: Update of the bicycle and pedestrian plan to begin in July of FY-2010, with production of a draft plan in August 2011 and adoption of plan in November or December 2011.

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
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PL (FHWA)	\$ 16,000
Local Match	\$ 4,000
Total Cost	\$ 20,000

UPWP TASK 6
ENVIRONMENTAL MITIGATION AND STREAMLINING

SUBTASK 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 requirements and preparation in the Montgomery MPO area, as well as training on air quality conformity modeling software MOVES.

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-2011 by MPO Staff for compliance with existing and proposed air quality rules.

Proposed Work: Information on air quality will continue to 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 if needed. MPO Staff will prepare emissions estimates using the MOVES air quality modeling software as needed and required. MPO Staff will attend training, workshops and conferences as needed.

Products: Continuing work on 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: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$ 800
Local Match	\$ 200
Total Cost	\$ 1,000

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: N/A

Financial Responsibility:

<u>Source of Funds</u>	<u>FY-2012</u>
Planning Funds (FHWA-PL)	\$ 400
Local Match	\$ 100
Total Cost	\$ 500

APPENDICES

Montgomery Transportation Planning Study Area

Legend

- 2000 US Census Urbanized Area
- Revised Urbanized Area 2004 Smooth

Road Network

- Interstate Highways
- U.S. Highways / State Highways
- Secondary Roads
- Railroad

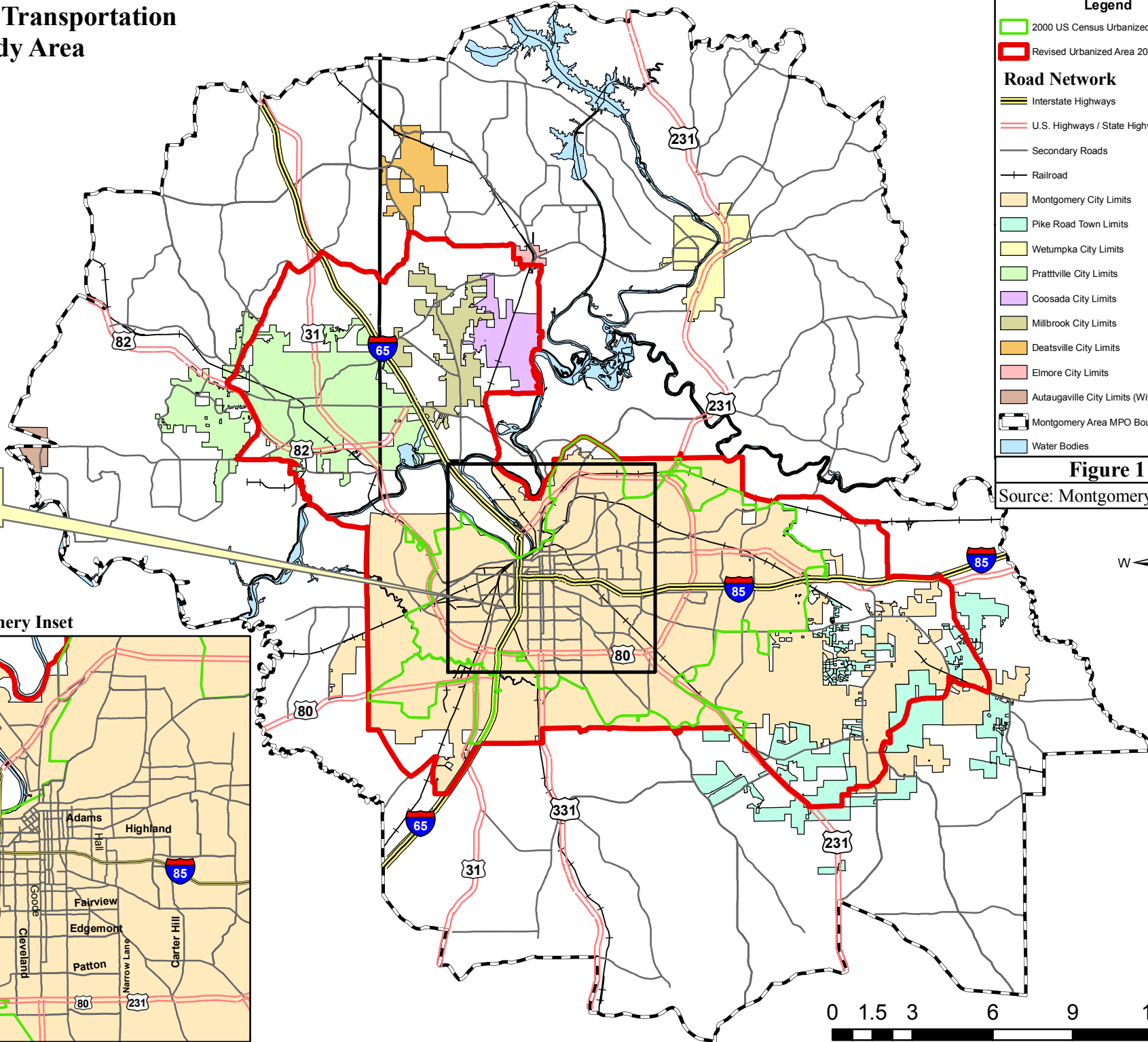
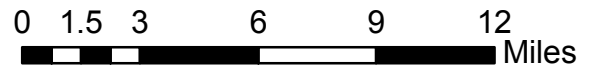
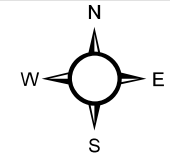
City Limits:

- Montgomery City Limits
- Pike Road Town Limits
- Wetumpka City Limits
- Prattville City Limits
- Coosada City Limits
- Millbrook City Limits
- Deatsville City Limits
- Elmore City Limits
- Autaugaville City Limits (Within Study Area)

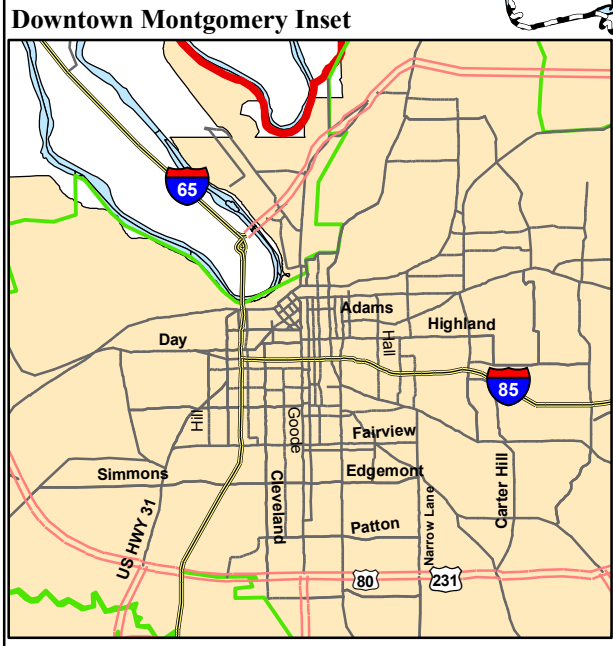
Other:

- Montgomery Area MPO Boundary
- Water Bodies

Figure 1
Source: Montgomery MPO.



Downtown Montgomery Inset



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

William Gillespie – Mayor, City of Prattville

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

Danny Chavers – County Commissioner, Autauga County Commission

John Lorentson – Sixth Division Engineer, Alabama Department of Transportation

Jerry Willis – **Vice-Chairman**, Mayor, City of Wetumpka

Robert Smith – Director of Planning/MPO Administrator, City of Montgomery

Jon Chapman – 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
Robert Smith – Director of Planning/MPO Administrator, 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
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:

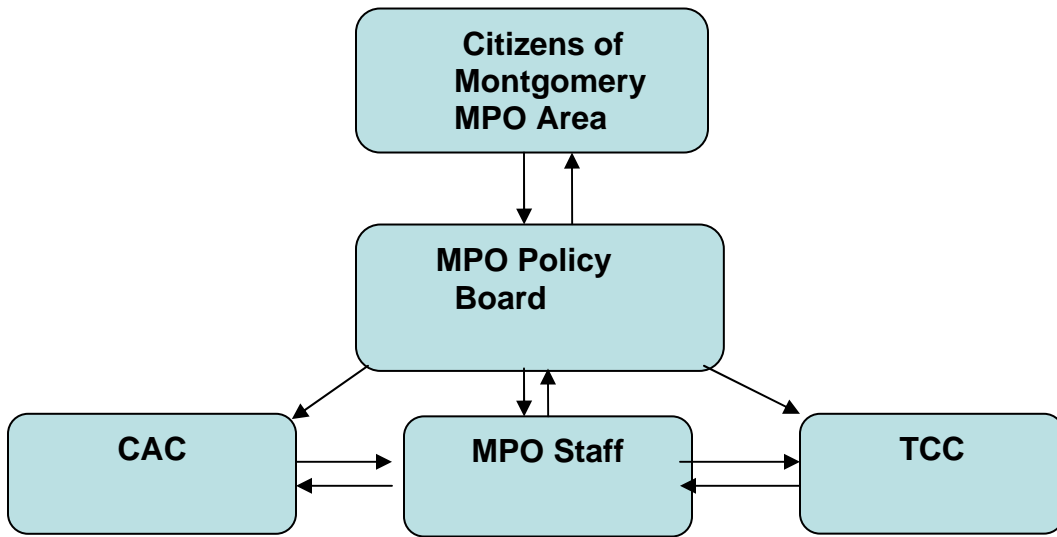
James Brown, City of Montgomery, (Chairman)
Crews Reaves, City of Montgomery
Vacant, City of Prattville
Johnny Jackson, City of Montgomery
Ruth Ott, City of Montgomery
Edward Stevens, City of Montgomery
Augustus Townes Jr, City of Montgomery
Theodore White, City of Montgomery
Blair Rehnberg, Town of Coosada
Vacant, Millbrook
Valeria Harman, Montgomery
Roger Burnett, Montgomery County
Rick Beauchamp, Elmore County
Charles Rowe, Elmore County
Gracie Stroud, Montgomery
Vacant, 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 –Director of Planning/MPO Administrator, 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
Lisa Walters – City Development Tech, 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.
FINAL FISCAL YEAR 2012 UPWP SUMMARY BUDGET

TASK NUMBER & DESCRIPTION	PL - FHWA MUA		SPR		FTA SECTION		TOTALS			
	FHWA	MUA	FHWA	ALDOT	FTA	5307	FHWA	FTA	MUA & ALDOT	GRAND TOTAL
1.1 MPO ADMINISTRATION	\$52,008	\$13,002	\$175,000	\$43,750	\$0	\$0	\$227,008	\$0	\$56,752	\$283,760
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	\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$48,000	\$0	\$12,000	\$60,000
3.2 PREPARATION OF EMISSIONS ESTIMATES USING MOVES 2010	\$2,800	\$700	\$0	\$0	\$0	\$0	\$2,800	\$0	\$700	\$3,500
4.1 GENERAL PUBLIC INVOLVEMENT	\$30,400	\$7,600	\$0	\$0	\$0	\$0	\$30,400	\$0	\$7,600	\$38,000
4.2 ENVIRONMENTAL JUSTICE	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$8,000	\$0	\$2,000	\$10,000
4.3 PUBLIC INVOLVEMENT FOR AIR QUALITY CONFORMITY	\$2,000	\$500	\$0	\$0	\$0	\$0	\$2,000	\$0	\$500	\$2,500
5.1 LONG RANGE TRANSPORTATION PLAN	\$18,400	\$4,600	\$0	\$0	\$0	\$0	\$18,400	\$0	\$4,600	\$23,000
5.1.1 LRTP AIR QUALITY CONFORMITY PREPARATION	\$12,409	\$3,102	\$0	\$0	\$0	\$0	\$12,409	\$0	\$3,102	\$15,511
5.1.2 AMENDED LRTP PROJECT LISTINGS FOR AIR QUALITY CONFORMITY	\$1,600	\$400	\$0	\$0	\$0	\$0	\$1,600	\$0	\$400	\$2,000
5.2 TRANSPORTATION IMPROVEMENT PROGRAM	\$56,301	\$14,075	\$0	\$0	\$0	\$0	\$56,301	\$0	\$14,075	\$70,376
5.2.1 AMENDED TIP PROJECT LISTINGS FOR AIR QUALITY CONFORMITY	\$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	\$200	\$1,000
6.2 CLIMATE CHANGE & GREEN HOUSE GAS EMISSIONS	\$400	\$100	\$0	\$0	\$0	\$0	\$400	\$0	\$100	\$500
TOTALS	\$350,318	\$87,579	\$175,000	\$43,750	\$0	\$0	\$525,318	\$0	\$131,329	\$656,647
TOTAL FEDERAL PLUS MATCHING FUNDS		\$437,897		\$218,750		\$0		\$525,318		\$656,647

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.
FINAL FISCAL YEAR 2011 UPWP AGENCY PARTICIPATION TABLE

TASK NUMBER & DESCRIPTION	ALDOT	CITY OF MONTGOMERY MATCH	CONSULTANT SERVICES	TOTAL
1.1 MPO ADMINISTRATION	\$318,750	\$13,002	\$0	\$331,752
1.2 COOP	\$0	\$100	\$0	\$100
2.1 UPWP	\$0	\$3,000	\$0	\$3,000
3.1 GIS DATA COLLECTION/ANALYSIS	\$0	\$12,000	\$0	\$12,000
3.2 PREPARATION OF EMISSIONS ESTIMATES USING MOVES 2010	\$0	\$700		\$700
4.1 GENERAL PUBLIC INVOLVEMENT	\$0	\$7,600	\$0	\$7,600
4.2 ENVIRONMENTAL JUSTICE	\$0	\$2,000	\$0	\$2,000
4.3 PUBLIC INVOLVEMENT FOR AIR QUALITY CONFORMITY	\$0	\$500		\$500
5.1 LONG RANGE TRANSPORTATION PLAN	\$0	\$4,600	\$0	\$4,600
5.1.1 LRTP AIR QUALITY CONFORMITY PREPARATION	\$0	\$3,102	\$0	\$3,102
5.1.2 AMENDED LRTP PROJECT LISTINGS FOR AIR QUALITY CONFORMITY	\$0	\$400	\$0	\$400
5.2 TRANSPORTATION IMPROVEMENT PROGRAM	\$0	\$14,075	\$0	\$14,075
5.2.1 AMENDED TIP PROJECT LISTINGS FOR AIR QUALITY CONFORMITY	\$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	\$318,750	\$87,579	\$0	\$406,329