

OWENSBORO-DAVISS COUNTY
METROPOLITAN PLANNING ORGANIZATION
UNIFIED PLANNING WORK PROGRAM
FISCAL YEAR 2012

Prepared by

Green River Area Development District
3860 U. S. Highway 60 West
Owensboro, Kentucky 42301

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April 2011

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Unified Planning Work Program (UPWP) Checklist

1-Apr-11

#	Item	Page Number	Comment	Regulation or Law Cited
1	FORMAT GUIDELINES			
	a. Bound document		Yes	
	b. Dated (left hand corner)		Yes	
	c. Page numbers		Yes	
2	COVER/TITLE PAGE			
	Name of MPO Agency and area represented		Yes	
	FY of UPWP, Contact information, web site		Yes	
	Agencies providing funds or support		Yes	
3	INTRODUCTION/PREFACE			
	Table of Contents		Yes	
	MPO Approval Resolution - signed		Yes	
	Committee Lists - responsibilities, meetings	ii	Yes	23 CFR 450.310 (d)
	Staff - names, positions, and responsibilities	iii	Yes	KYTC
	Map - MPO Area - planning, urbanized, A.Q.	xvii	Yes	23 CFR 450.312
	Planning Factors	xiii	Yes	23 CFR 450.306 (a)(1-8)
	UPWP - Definition of UPWP and purpose	i	Yes	23 CFR 420.111
4	WORK ELEMENTS			
	Each Work Item should include the following:			
	I. Work Item Title and Number			
	II. Objective/Purpose			
	III. Previous Work			
	IV. Products		Yes	
	V. Time Frame			
	VI. Agency responsible			
	VII. Cost			
	VIII. Funding sources			
	Administration			
	Activities to administer work program - include major purchases, training, auditing, etc.	5, 11	Yes	
	UPWP			23 CFR 420 & 23 CFR 450.308
	a. Development and maintenance	7	Yes	
	b. Annual performance and expenditure report	5	Yes	23 CFR 420.117(b)
	TIP			23 CFR 450.324
	a. Development and maintenance	9	Yes	
	b. Annual listing of obligated projects	5	Yes	23 CFR 450.332
	Metropolitan Transportation Plan			23 CFR 450.322
	a. Development and maintenance	14	Yes	
	b. Project Identification Form development	18	Yes	
	Congestion Management Process*			23 CFR 450.320
	Air Quality Planning*			23 CFR 450.322(f)(6)
	a. Modeling/Conformity Analysis	17	Yes	
	b. CMAQ Coordination	17	Yes	
	Data Collection and Surveillance			
	Public Involvement and Coordination			23 CFR 450.316
	Development & maintenance of Participation Plan	12	Yes	
	Transit Planning			
	Special Studies/Other			23 CFR 450.318
	Safety/Security	22	Yes	
	Multimodal planning - bicycle, pedestrian	18	Yes	
	Freight	18	Yes	
	Demand Model - development and maintenance	20	Yes	
	Corridor/Sub-Area studies	19	Yes	
5	UPWP SUMMARY			23 CFR 450.308 (c)
	a. Funding Sources	31	Yes	
	b. Estimated Effort - person/weeks, hours	31	Yes	
6	APPENDICES			
	Prospectus or MOU	iv	Yes	23 CFR 450.314 (a)

" * " Items not required in all areas

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RESOLUTION
OF THE
POLICY COMMITTEE
OF THE
OWENSBORO-DAVISS COUNTY
METROPOLITAN PLANNING ORGANIZATION
APPROVING THE
FY 2012 TRANSPORTATION
UNIFIED PLANNING WORK PROGRAM

WHEREAS, Title 23, U.S. Code, Section 134 of the Federal Transit Act of 1964, as amended, requires the preparation of a unified planning work program in areas involving urban transportation planning; and

WHEREAS, a prospectus has been developed to establish a multi-year framework for this program; and

WHEREAS, the federal regulations also require that the metropolitan transportation planning process be carried out in accordance with all applicable requirements including:

1. 23 U.S.C. 134, 48 U.S.C. 5303, and this subpart;
2. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504 (c) and (d)) and 40 CFR part 93;
3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
4. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
6. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 *et. seq.*) and 49 CFR parts 27, 37, and 38;
8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9. Section 324 of Title 23 U.S.C. regarding the prohibition of discrimination based on gender;
10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities, and

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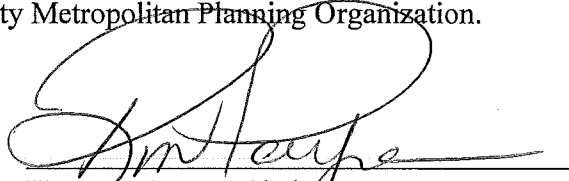
WHEREAS, a Public Comment Period has been established and the document has been available for review and comment; and

WHEREAS, a unified planning work program is recognized as a means to consolidate and formally coordinate all transportation planning activities at the metropolitan level when more than one modal planning program is involved; and

WHEREAS, the Fiscal Year 2012 Unified Planning Work Program as developed by the Green River Area Development District (GRADD) and reviewed by the Metropolitan Planning Organization committees and appropriate local and state agencies; and

WHEREAS, the Technical Advisory and Citizens Advisory Committee's of the Owensboro-Daviess County MPO have endorsed and recommended the Unified Planning Work Program to the Policy Committee,

NOW THEREFORE, BE IT RESOLVED that the Transportation Policy Committee, at its meeting March 29, 2011, approves the FY 2012 Transportation Unified Planning Work Program for the Owensboro-Daviess County Metropolitan Planning Organization.

A handwritten signature in black ink, appearing to read "Ron Payne", is written over a horizontal line. The signature is stylized and cursive.

Hon. Ron Payne, Chairman
Mayor of Owensboro, KY

April 2011

ABSTRACT

TITLE:

Owensboro-Daviess County MPO Unified Planning Work Program
Fiscal Year 2012

AUTHOR:

Green River Area Development District
Owensboro, Kentucky

SUBJECT:

Unified Planning Work Program

LOCAL PLANNING AGENCY:

Green River Area Development District

STATE PLANNING AGENCY:

Kentucky Transportation Cabinet

SOURCE OF COPIES:

Green River Area Development District
3860 U.S. Highway 60 West
Owensboro, Kentucky 42301-0200

or on the MPO website at the following address:

http://www.gradd.com/Transportation_2009/Oboro_Daviess_MPO/

ABSTRACT:

The Unified Planning Work Program (UPWP) outlines the transportation planning program of the Owensboro-Daviess County MPO for Fiscal Year 2012. The UPWP contains Federal Highway Administration, Federal Transit Administration, Kentucky Transportation Cabinet and local transportation planning objectives and work elements to accomplish these objectives.

Program changes may occur because of new or Federal legislation or amendments concerning SAFETEA-LU. The UPWP may need to be modified during the fiscal year to reflect these changes.

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METROPOLITAN PLANNING ORGANIZATION STRUCTURE

Three committees oversee the transportation planning process. The role of each of these committees is discussed below.

Policy Committee

The role of the Policy Committee is to establish policy for the expenditure of federal transportation funds. This group reviews the transportation plans and programs, and annually endorses courses of action for implementing these plans. Policy committee members are the Mayor, County Judge/Executive and the Secretary of the Kentucky Transportation Cabinet.

Ron Payne, Mayor, City of Owensboro
Al Mattingly, Judge/Executive, Daviess County
Kevin McClearn, Kentucky Transportation Cabinet
Jose Sepulveda, Division Administrator, FHWA (non-voting)
Yvette Taylor, Regional Administrator, FTA (non-voting)

Technical Advisory Committee

This committee meets regularly with the transportation staff to serve as an advisory panel on technical decisions. The type and extent of transportation improvements are decided by the Technical Advisory Committee and are recommended to the Policy Committee. Representatives from local transportation agencies, city and county governments and business groups serve on this committee.

Bill Parrish, Owensboro City Manager, Chairman
Jim Lambert, Commissioner, Daviess County Fiscal Court, Vice-Chairman
Gary Noffsinger, Director, Owensboro Metro Planning Commission
Mark Brasher, Daviess County Engineer
Nick Hall, Planning Section Supervisor, District 2, Kentucky Department of Highways
T. Edward Riney, Owensboro Riverport Authority
Jody Wassmer, President, Chamber of Commerce
Bob Whitmer, Manager, Owensboro-Daviess County Regional Airport
Joe Schepers, Owensboro City Engineer
Amy Thomas, Division of Planning, KYTC
Jiten Shah, Executive Director, Green River Area Development District
Vacant, Manager, Owensboro Transit System
Robert Duvall, OPD Traffic Unit, Citizens Advisory Committee Representative
Tim Lyons, OMU
Ian Chidister, Community Planner, FHWA, (non-voting)
J. D. Marksberry, Daviess County Sheriff Department
Dean Behnke, Regional Water Resource Agency
John Newland, Kenenergy Electric
Nick Brake, Economic Develop Corporation

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Invited Guests to the Technical Advisory Committee

Owensboro – Daviess County Hospital
Bus/School System Representatives
Office of Transportation Delivery
State Historic Preservation Officer

Citizens Advisory Committee

The primary mechanism for citizen participation in the planning process is the Citizen Advisory Committee. This committee serves in an advisory capacity to the transportation staff, assuring that transportation plans and programs are consistent with the view of the urban area citizenry. Decisions of the Citizens Advisory Committee are recommend to the Technical Advisory Committee.

John Medley, Chairman
Edwin Funk
Robert Duvall
Tom Curtsinger
Michael Bruce
Mark Rust
Abby Shelton (City of Owensboro Neighborhood Coordinator)

Transportation Planning Staff

Phone: 270.926.4433
Fax: 270.684.0714

Keith Harpole, Associate Director for Transportation Planning

Carry out administrative activities involved with maintaining the MPO Committees (Policy, TAC and CAC). Prepares the quarterly progress reports to KYTC and FTA. Attends the MPO/KYTC/FHWA/AQ meetings. Conducts traffic counts, manual and mechanical, serves on various committees representing the City of Owensboro and Daviess County. Prepares the UPWP, and MTP, PP, and the TIP.

Jennifer Wedding, Transportation Planner

Provides assistance to the Associate Director and the Regional Planner, prepares the annual Accident Report, assists the transit manager. Provides day-to-day technical assistance to the MPO. Provides assistance to the Associate Director in the preparation of the UPWP, TIP, MTP and all other aspects of transportation planning.

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**PROSPECTUS
FOR THE
OWENSBORO – DAVIESS COUNTY
METROPOLITAN PLANNING ORGANIZATION
PLANNING PROCESS**

This prospectus is made a part of the Owensboro-Daviess County Metropolitan Planning Organization (MPO) annual Unified Planning Work Program and may be revised and/or amended, as appropriate, in response to changes in transportation legislation at the Federal or State level.

**I. DESIGNATION AND RE-DESIGNATION AUTHORITY OF THE
OWENSBORO-DAVIESS COUNTY AREA MPO**

The Owensboro – Daviess County Policy Committee has been designated by the Governor of the Commonwealth of Kentucky, to be the Owensboro – Daviess County Metropolitan Planning Organization (MPO). This designation will remain valid unless the MPO is re-designated by the Governor and local units of governments representing at least 75 percent of the population in the area served by the existing MPO. The Green River Area Development District (GRADD) has been selected as the staff agency for the Owensboro – Daviess County MPO.

**II DESCRIPTION OF THE CURRENT METROPOLITAN TRANSPORTATION
PLANNING BOUNDARY**

The metropolitan transportation planning area boundary for the Owensboro-Daviess County MPO includes all of Daviess County. If deemed appropriate, and approved by the MPO and the Governor, the boundary may be expanded to foster an effective planning process that ensures connectivity between modes, reduces access disadvantages experienced by modal systems, and promotes efficient overall transportation strategies. A map of the most current metropolitan transportation planning area, as it may be updated from time to time, is included on page xvii.

III. THE TRANSPORTATION POLICY COMMITTEE

A. Purpose of the Transportation Policy Committee

The Transportation Policy Committee (TPC) functions as the MPO for cooperative transportation planning, decision-making, and programming affecting the metropolitan transportation planning area including responsibility for the review and approval of appropriate plans, implementation programs and other similar related actions.

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B. Functions of the Transportation Policy Committee

1. Initiate, guide, and sanction the necessary activities required for the development of a Coordinated, Comprehensive, and Continuing Urban Transportation Planning Process.
2. Examine the adequacy and appropriateness of the transportation planning process.
3. Review various agreements entered into for the execution of transportation planning within the MPO area.
4. Review and approve proposed goals, objectives and policies for the MPO transportation planning process.
5. Review and approve all MPO short and long-range transportation plans, studies and all other work elements as required by the MPO planning process.

C. Membership Composition of the Transportation Policy Committee

The voting membership of the Transportation Policy Committee consists of three council members, the Judge/Executive of Daviess County, the Mayor of Owensboro and a representative of the Kentucky Transportation Cabinet (KYTC). Representatives of the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) shall be considered nonvoting members. Other nonvoting members may be added or deleted by the Transportation Policy Committee. The Mayor represents the Owensboro Transit System on the TPC.

Alternate Members

A member of the TPC may designate official alternates to represent the member in his/her absence. A letter of official designation shall be submitted to the Secretary in order that the alternate shall be accorded all the voting rights of the member.

Statement of Member Responsibility

Each member of the TPC is expected to carry out the purpose and functions prescribed above in accordance with the policies of the agency or organization he/she represents but should remain cognizant of the needs of the total MPO area.

Officers of the Transportation Policy Committee

The officers of the TPC shall consist of a Chair and Vice-Chair. The GRADD shall serve as the Secretary of the TPC.

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Duties of Officers

Chair

It is the responsibility of the Chair to preside at all meetings of the TPC, facilitate proper adherence to the adopted procedures, call special meetings as required, and appoint subcommittees as needed.

Vice-Chair

It is the responsibility of the Vice-Chair to assist the Chair in the performance of his/her duties, and to perform the duties of the Chair in his/her absence.

Secretary

It is the responsibility of the Secretary to notify the TPC members of meetings, record the minutes and attendance, and disseminate the agenda, reports and other materials to TPC members. The Secretary must also provide staff services to the committee as required to carry out all work necessary and incidental to goals and objectives of the TPC and the Owensboro-Daviess County MPO. The Secretary of the TPC shall be the Green River Area Development District (GRADD).

Meetings of the Transportation Policy Committee

Meetings

The regular meeting of the TPC shall be open to the public. The Chair may call special meetings by his/her own accord or at the request of the TPC, or the Secretary. In the absence of the Chair, the Acting Chair may call a special meeting.

Quorum

A quorum shall consist of at least fifty-one (51) percent of the voting membership of the committee and/or their designated alternates. A majority vote of the voting membership present shall be required for Committee action. No action shall be taken without a quorum of the TPC in attendance at that meeting.

Voting Procedures

The Chair and any member may call for a vote on any issue, provided it is seconded and is within the purpose of the TPC. Each voting member shall have one (1) vote. A majority of the present voting members (or their designated alternates) shall be sufficient for approval of actions and recommendations before the TPC. Voting members may abstain from voting only in the event of a conflict of interest. In the absence of any direction from the bylaws, the Chair shall decide procedures governing voting.

Proxy

When a voting member of the TPC is unable to attend a meeting or must leave a meeting before a vote is taken, his/her proxy shall be accepted and used for voting as he/she directs, but only under the following circumstances:

1. The proxy shall be in writing and bear the signature of the absent member.
2. The proxy shall clearly and specifically state the members vote.
3. The proxy shall contain a statement that the absent member is well informed as to the facts of the questions to be voted upon.
4. If the question is one on which a hearing has been held, the proxy shall contain a statement that the member was present at the hearing.
5. Use of proxy shall be recorded in the official minutes of the meeting.

Agenda

An agenda for each meeting shall be prepared. Copies of the agenda shall be given to interested persons, at their request, at the time the meeting is convened. Additional items may be introduced to the agenda at the beginning of the meeting as long as there is a majority concurrence of the eligible-voting members. Additions to the agenda will follow discussion of the last item on the regular agenda.

Public Participation

Attendance at TPC meetings is open to the general public. Membership is not required for an individual to attend, observe, or provide input at TPC meetings. The TPC shall provide public access and involvement consistent with the requirements and spirit of the SAFETEA-LU under a true collaborative planning process in which the interest of all of the stakeholders - public and private - are reflected and considered.

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IV. THE TRANSPORTATION TECHNICAL ADVISORY COMMITTEE

A. Purpose of the Transportation Technical Advisory Committee

The purpose of the Transportation Technical Advisory Committee (TAC) is to advise, provide guidance, supervise and assistance to the TPC in carrying out the goals and objectives of the MPO. Additional and specific responsibilities may be defined as needed by the TPC.

B. Function of the Transportation Technical Advisory Committee

1. Develop, review, and comment on proposed goals, objectives, and policies for the MPO transportation planning process.
2. Review and provide input to the development of all MPO short and long-range transportation plans, studies, and UPWP elements as required by the MPO planning process.
3. Facilitate coordination, communication, and understanding between the public, policy/decision makers, transportation-related agencies, and all other parties involved in or affected by the MPO planning process.
4. Carry out any other tasks as required by the MPO.

C. Subcommittees of the TAC

The TAC may form subcommittees on an as needed basis to address specific tasks and/or problems.

D. Membership Composition of the Transportation Technical Advisory Committee

Voting Membership

The TAC shall consist of persons with special training and experience in various fields/modes of transportation to assure transportation planning decisions are considered in their broadest context. Membership of the TAC includes representatives from private and/or public organizations or agencies with a vested interest in the activities of the MPO and/or a general interest in transportation issues affecting the MPO area. In the case of organizations or agencies with multiple divisions, one representative shall be allowed for each division. Representatives are appointed by the chief elected official and/or board of the entity that they represent, and are subject to approval by the TPC. Eligible entities not having current representation on the TAC may submit a written request for TAC membership to the Secretary of the TAC. All requests will be presented to the TAC for approval.

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Alternate Members

A member of the TAC may designate one (1) official alternate to represent the member in his/her absence. A letter of official designation shall be submitted to the Secretary of the Committee in order that the alternate shall be accorded all the voting rights of the member.

Membership by Special Appointment

The TAC, at any time it deems necessary, may appoint a member, or change the voting status of any current member of the TAC.

Removal of Member

The TAC may remove any TAC member upon the grounds of malfeasance of the office by a majority vote or for any reasons whatsoever upon the affirmative vote of all TAC members present at the meeting.

Statement of Member Responsibility

Each member of the TAC is expected to carry out the purpose and functions prescribed in accordance with the policies of the agency or organization he/she represents but should remain cognizant of the needs of the total MPO area.

E. Officers of the Transportation Technical Advisory Committee

The officers shall consist of a Chair and Vice-Chair. The officers shall be elected to a two (2) year term. The officers can succeed themselves. In the absence of the Chair and Vice-Chair, the members present shall select a Temporary Chair.

Duties of the Officers

Chair

It is the responsibility of the Chair to preside at all meetings of the TAC, facilitate proper adherence to adopted procedures, call special meetings, and appoint subcommittees as needed.

Vice-Chair

It is the responsibility of the Vice-Chair to assist the Chair in the performance of his/her duties, and to perform the duties of the Chair in his/her absence.

Secretary

It is the responsibility of the Secretary to notify TAC members of meetings, record the minutes and attendance, and disseminate the agenda, reports and other materials to the TAC members. The Secretary must also provide staff services to the committee as required to carry out all work necessary and incidental to the goals and objectives of the TAC and the Owensboro-Daviess County MPO. The Secretary of the TAC shall be the Green River Area Development District (GRADD).

F. Meetings of the Transportation Technical Advisory Committee

Meetings

The regular meeting of the TAC shall be held on the last Tuesday of each month unless otherwise ordered by the Chair. The Chair may call special meetings by his/her own accord or the request of the TAC, the Secretary, or a majority of the voting membership.

Quorum and Attendance

A quorum shall consist of at least fifty (50) percent of the voting membership of the committee and/or their designated alternates. A sign-up sheet shall be circulated at the beginning of each meeting to determine if a quorum exists so that business may be conducted. A majority vote of the voting membership present shall be required for Committee action. Attendance is required at all TAC meetings.

Voting Procedures

The Chair as well as, any member, voting or non-voting may make a motion on any issue, provided it is seconded and is within the purposes of the Committee. Each voting member shall have one (1) vote. A majority vote of the members present at the meeting (or their designated alternate) shall be sufficient for approval of matters coming before the TAC.

Public Participation

Attendance at TAC meetings is open to the general public. Membership is not required for an individual to attend, observe, or provide input at a TAC meeting.

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V. THE TRANSPORTATION CITIZENS ADVISORY COMMITTEE

A. Purpose of the Transportation Citizens Advisory Committee

The purpose of the Transportation Citizens Advisory Committee (CAC) is to advise, provide citizen input and assistance to the TAC in carrying out the goals and objectives of the MPO. Additional and specific responsibilities may be defined from time to time by the Transportation Policy Committee and Transportation Technical Advisory Committee.

B. Functions of the Transportation Citizens Advisory Committee

Review and comment on proposed goals, objectives and policies for the MPO transportation planning process. Review and provide citizen input to the development of all MPO short and long-range transportation plans, studies and other work elements as required by the MPO planning process. Carry out other any tasks as required by the MPO.

C. Membership Composition of the Transportation Citizens Advisory Committee

Voting Members

The CAC shall consist of representatives of the Owensboro-Daviess County urban area citizens. The membership consists of persons with a keen interest in transportation planning, along with experience in various fields outside of the transportation realm. The Owensboro Neighborhood Associations shall be represented by the City of Owensboro Neighborhood Coordinator.

Removal of Members

The CAC may remove any CAC member as set forth in the current bylaws of the CAC.

D. Officers of the Transportation Citizens Advisory Committee

The officers shall consist of a Chair and Vice-Chair. In the absence of the Chair and Vice-Chair, the members present shall select a Temporary Chair.

Duties of Officers

Chair

It is the responsibility of the Chair to preside at all meeting of the CAC, facilitate proper adherence to adopted procedures, call special meetings as required, and appoint subcommittees as needed.

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Vice-Chair

It is the responsibility of the Vice-Chair to assist the Chair in the performance of his/her duties, and to perform the duties of the Chair in his/her absence.

Secretary

It is the responsibility of the Secretary to notify CAC members of meetings, record the minutes and attendance, and disseminate the agenda, reports, and other materials to CAC members. The Secretary must also provide staff services to the committee as required to carry out all work necessary and incidental to goals and objectives of the TPC, TAC and the Owensboro-Daviess County MPO. The GRADD shall be the Secretary to the CAC.

Meetings

The regular meeting of the CAC shall be held on the third Thursday of the even numbered months, unless otherwise ordered by the CAC. The Chair may call special meetings by his/her own accord or the request of the CAC, the Secretary or a majority of the voting membership.

Quorum and Attendance

A quorum shall consist of the members present at the meeting. A sign-in sheet shall be circulated at the beginning of each meeting to determine if a quorum exists so that business may be conducted. A majority vote of the voting membership present, or their designated alternate, shall be required for the Committee to take action.

Voting Procedures

The Chair as well as, any member, voting or non-voting may make a motion on any issue, provided it is seconded and is within the purposes of the Committee. Each voting member shall have one (1) vote. A majority vote of the present voting members shall be sufficient for approval of matters coming before the CAC.

Public Participation

Attendance at CAC meetings is open to the general public. Membership is not required for an individual to attend, observe, or provide input at a CAC meeting.

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VI. THE OWENSBORO-DAVIESS COUNTY MPO STAFF

The Transportation Planning Section of the GRADD provides staff support for the Owensboro-Daviess County MPO in the accomplishment of its transportation planning duties.

VII. THE OWENSBORO-DAVIESS COUNTY MPO TRANSPORTATION PLANNING PROCESS

A. Responsibilities, Cooperation and Coordination

The Owensboro-Daviess County MPO in coordination with the KYTC, FHWA and FTA shall be responsible for carrying out the metropolitan transportation planning process. The Kentucky Natural Resources and Environmental Protection Cabinet (KNREPC) may be consulted, as needed, but the KNREPC shall not be responsible for carrying out the metropolitan transportation planning process.

B. Consideration of the Planning Factors

As part of the metropolitan transportation planning process, the Owensboro-Daviess County MPO shall consider, analyze as appropriate, and reflect in the planning process, the planning factors cited in section 134 (f) of Title 23, U.S.C., Federal Transit Act, section 8 (f) and 23 CFR 450.316, as amended. They are as follows:

1. support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. increase the safety and security of the transportation system for motorized and non-motorized users;
3. increase the accessibility and mobility options available to the people and for freight;
4. protect and enhance the environment, promote energy conservation, and improve quality of life;
5. enhance the integration and connectivity of the transportation system, across and between modes, for the people and freight;
6. promote efficient system management and operation; and
7. emphasize the preservation of the existing transportation system;
8. ensure the consistency between transportation improvements and state and local planned growth and economic development patterns.

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LIVABILITY PRINCIPLES

On June 16, 2009, the U.S. Department of Transportation, the U.S. Department of Housing and Urban Development, and the U.S. Environmental Protection Agency announced an Interagency Partnership for Sustainable Communities and set forth six 'livability principles' to coordinate policy. The principles were adopted to help the agencies guide the allocation of funds to communities that manage their financial and physical resources in a manner that creates a dynamic environment that is efficient in its function, livable for its residents, enduring in its viability and results in a sense of well being of its citizens. The principles are:

1. Provide more transportation choices.

Develop safe, reliable and economical transportation choices to decrease household transportation costs, reduce our nation's dependence on foreign oil, improve air quality, reduce greenhouse gas emissions and promote public health.

2. Promote equitable, affordable housing.

Expand location- and energy-efficient housing choices for people of all ages, incomes, races and ethnicities to increase mobility and lower the combined cost of housing and transportation.

3. Enhance economic competitiveness.

Improve economic competitiveness through reliable and timely access to employment centers, educational opportunities, services and other basic needs by workers, as well as expanded business access to markets.

4. Support existing communities.

Target federal funding toward existing communities – through such strategies as transit-oriented, mixed-use development and land recycling – to increase community revitalization, improve the efficiency of public works investments, and safeguard rural landscapes.

5. Coordinate and leverage federal policies and investment.

Align federal policies and funding to remove barriers to collaboration, leverage funding and increase the accountability and effectiveness of all levels of government to plan for future growth, including making smart energy choices such as locally generated renewable energy.

6. Value communities and neighborhoods.

Enhance the unique characteristics of all communities by investing in healthy, safe and walkable neighborhoods – rural, urban or suburban.

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Livability in transportation is defined as connecting the quality, location, and modal composition of transportation facilities to broader opportunities such as access to good jobs, affordable housing, quality schools, and safe streets. This includes addressing road safety and capacity issues through better planning and design, maximizing and expanding new technologies such as intelligent transportation systems (ITS) and using travel demand management approaches to system planning and operations. It also includes developing high quality public transportation to foster an overall community design and public/private investments which offer residents and workers the full range of transportation choices. And, it involves fully integrating the modal pieces - bikeways, pedestrian facilities, transit services, and roadways - into a truly intermodal, interconnected system.

Incorporation of the Livability Principles into the Owensboro – Daviess County MPO Metropolitan Transportation Plan is not a mandate of current highway funding legislation or a planning regulations requirement, but the Owensboro – Daviess County MPO acknowledges that the concepts of livability and sustainability are integrated within the goals and objectives which have guided the MPO’s decision-making and overall transportation vision. Although the published principles are new, they are reflective of a continual desire of the community’s leadership to plan for a sustainable future for the Owensboro – Daviess County MPO area and are inherently incorporated into the planning for its growth and development.

C. The Unified Planning Work Program

The Unified Planning Work Program (UPWP) is annual document prepared by the MPO that includes a listing of all transportation planning and related activities anticipated within the MPO area, regardless of funding sources. The UPWP is to be prepared by the MPO in consultation with the KYTC and units of local governments. The UPWP is to be reviewed by the TAC, CAC and endorsed by the TPC. The UPWP shall be acceptable to the FHWA and FTA. Substantial changes in transportation planning and related activities, regardless of funding source, shall be accomplished by revisions in the UPWP endorsed by the TPC according to the same procedure as the initial UPWP.

D. The Metropolitan Transportation Plan

The TPC, in cooperation with the KYTC, is responsible for developing a Metropolitan Transportation Plan (MTP). The MTP is a 20-year document, which includes regionally significant projects. This document shall be financially balanced and conform to the State Air Quality Implementation Plans. The KYTC shall furnish reasonable estimates of available funding to the MPO for consideration in development of the MTP.

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The KYTC, in consultation and coordination with the state air quality agency (KNREPC), is responsible for air quality analysis related to transportation, as needed. A travel demand computer model is to be maintained as the travel model from which the vehicle miles of travel may be determined for air quality analysis. The travel demand model will be maintained by the KYTC. Highway Performance Monitoring System (HPMS) data, which is collected and maintained by the State, is also utilized in the VMT analysis.

The Owensboro Transit System provides the MPO with a listing of programs and projects to be included in the TIP. The KYTC, Office of Transportation Delivery, is the responsible agency for programming transit projects for the Owensboro Transit System. The GRADD does provide Transit Management Assistance through a separate contract with the OTS.

The final draft of the MTP shall include the air quality analysis, if applicable performed by the KYTC. KYTC shall transmit the conformity determination and supporting documents to the Division Office(s) of the FHWA for review. If the preliminary drafts of the MTP do not conform to the State Air Quality Implementation Plan, the MPO and KYTC shall convene to determine the combination of measures necessary to obtain a conforming MTP. Currently, Daviess County is in attainment status for air quality and conformity requirements are not applicable.

E. The Transportation Improvement Program

General

Selection and programming of Transportation Improvement Program (TIP) projects shall be done cooperatively between state, local officials and the public. The Owensboro Transit System provides the MPO with a listing of programs and projects to be included in the TIP, included in Appendix 2 of the TIP. The KYTC, Office of Transportation Delivery, is the responsible agency for programming transit projects for the Owensboro Transit System.

The GRADD does provide Transit Management Assistance through a separate contract with the transit system.

The TIP is a six year document, the TIP reflects the programmed projects as indicated in the federally-funded and fiscally constrained portions of the KYTC 6-Year Highway Plan.

Modification of the Transportation Improvement Program

Modifications to the TIP and MTP can occur by administrative change or formal amendment. Administrative changes are minor project adjustments that do not require committee approvals. Administrative changes are catalogued by the MPO staff, brought to the attention of the committees at regular meetings, and formalized in the next TIP/MTP update. A formal amendment is required when:

- Adding or deleting a project or phase(s) to the TIP.
- Movement of a project into or out of the first two years of the TIP.
- A change in the design concept and scope for a project.
- Project cost changes that affect financial constraint.
- A change in funding source from non-federal to federal funds.

When a TIP or MTP amendment is proposed (between the formal update times) the TPC will consider and act on the proposed amendment after a description of it is included in the TPC meeting notice distributed to all members. The need for public input, beyond the normal committee meeting structure, will be determined by federal, state and local officials on a "case by case" basis. The MPO will submit the approved amendment to the KYTC for incorporation into the STIP.

Project Selection for Implementation

Initial selection of MTP projects is conducted by the MPO and the KYTC. The initial list of MTP projects is supplemented by, or revised by, input gathered from one or a series of public meetings held on the MTP or from input received during the public comment period. All comments received will be made available to the TPC, TAC and CAC for consideration prior to final decision-making. MPO staff will maintain a file of all comments, which will be made available to the public upon request. A summary of the comments will be included in the documentation for the Metropolitan Transportation Plan.

Participation Plan

The MPO shall maintain a formal written Participation Plan, which provides adequate opportunity for public officials and citizen involvement in carrying out the metropolitan transportation planning process and in developing various plans and programs. The Participation Plan was adopted by the MPO committees during May 1994, and revised during April 2005 and May 2007. A new Participation Plan was adopted December 15, 2009, in accordance with SAFETEA-LU regulations. The Plan is reviewed yearly (periodically assessed) by the MPO to assure that all people have an equal opportunity to participate in the transportation planning process.

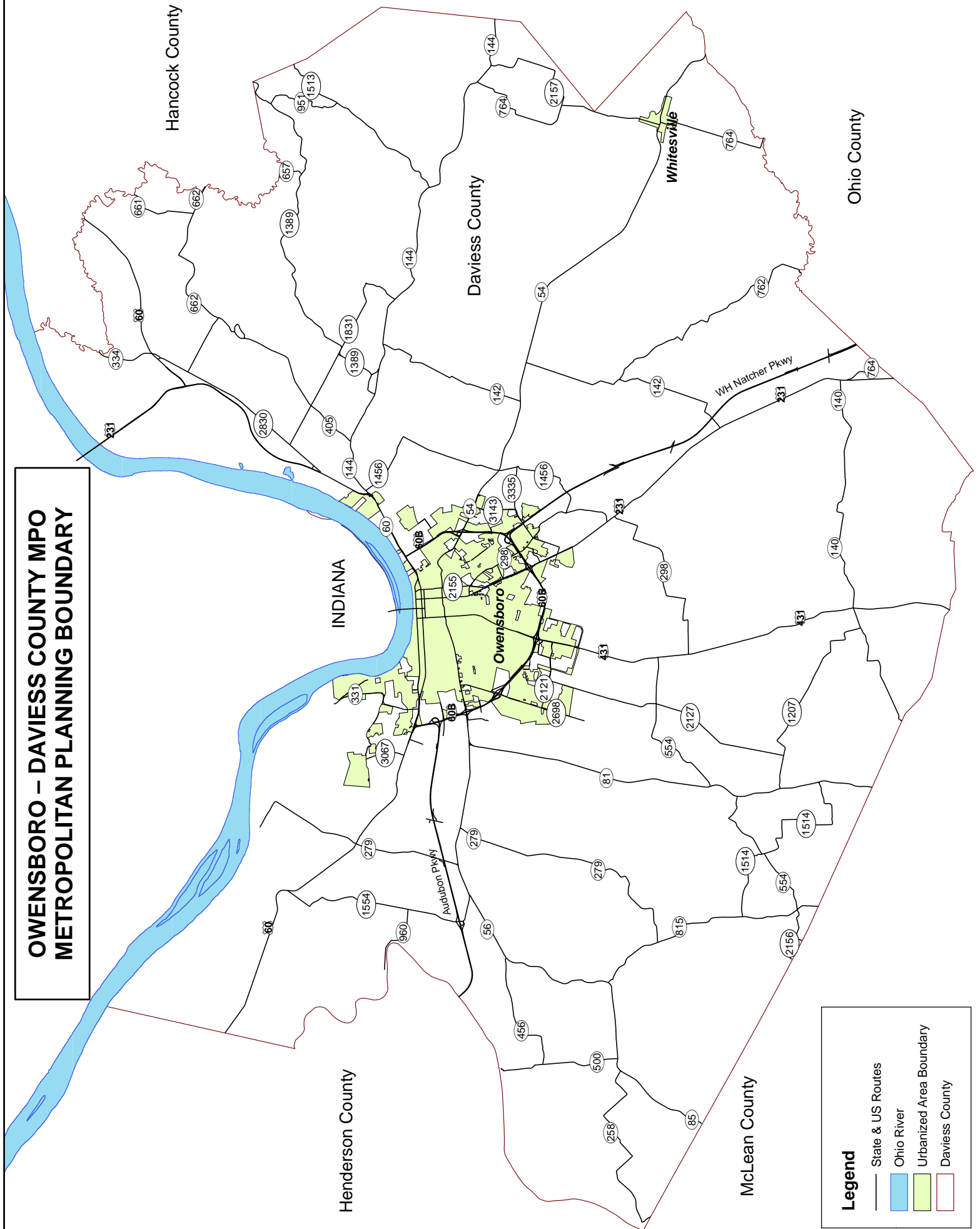
April 2011

Private Sector Participation

- A. Private sector transportation providers were notified of the development of Transportation Improvement Program through advertisements that ran in the local newspaper.
- B. No proposals were received from private transportation providers.
- C. There are no impediments to considering private sector provision of transit service.
- D. No private sector complaints have been received.

The Private Enterprise Participation Policy for the City of Owensboro and the Owensboro Metropolitan Planning Organization is on file with FTA, Region IV, which further documents the participation of the private sector in the transit planning process.

**OWENSBORO – DAVIESS COUNTY MPO
METROPOLITAN PLANNING BOUNDARY**



Legend

- State & US Routes
- Ohio River
- Urbanized Area Boundary
- Daviess County

April 2011

INTRODUCTION

The Unified Planning Work Program (UPWP) outlines the transportation planning tasks to be undertaken by the Owensboro-Daviess County Metropolitan Planning Organization (MPO) during Fiscal Year 2012 (July 1, 2011 through June 30, 2012). Included in the UPWP are planning programs for transit and highway projects as well as maintenance and administration of the three MPO committees - the Policy, Technical Advisory and Citizens Advisory Committee.

Sources of funds for the FY 2012 program include the highway planning (PL) program funding through the Federal Highway Administration, which is funded at an 80 percent federal level; the Section 5303 transit planning program through the Federal Transit Administration, which is funded at an 80 percent federal level; and funds from the Kentucky Transportation Cabinet, the City of Owensboro and Daviess County.

All work completed under the UPWP will be performed by GRADD staff. No outside consultants are anticipated to be used for FY 2012.

A description of each work element, including the objectives, methodology and funding for each work element, is presented on the following pages.

If the UPWP needs to be amended during the fiscal year, the MPO shall contact the KYTC by email with details of the requested change and ask for KYTC approval. If the KYTC approves of the requested change, KYTC forwards the email and requests concurrence from FHWA. If FHWA agrees with the proposed change in the UPWP, then KYTC submits the FHWA approval to the MPO for adoption. All changes shall be included in the Performance and Expenditures Report for FY 2012.

April 2011

FY 2009 Accomplishments

560-005/565-105: MPO Administration

Staff prepared agendas for Policy, TAC and CAC for their meetings.

560-008/565-108: Unified Planning Work Program

Staff submitted the draft UPWP during February 2011, and the final submitted May 2011. Staff submitted the FY 2011 UPWP to all planning partners and posted the FY 2011 UPWP to the MPO website.

Staff prepared and submitted quarterly reports on schedule. Staff attended the mid year review.

Staff reviewed the UPWP Prospectus for any revisions that needed to be made.

560-010/565-010: Preparation of the TIP

Staff submitted seven Administrative Modifications to the FY 2008 – 2013 TIP.

Staff reconciled to the MPO TIP to the STP. Staff held a Public Meeting for the Draft TIP during February 2011. The Policy Committee approved the 2011 – 2016 TIP in March 2011. Staff submitted the FY 2011 – 2016 TIP to all Planning Partners.

560-015/565-115: MPO Staff Training

Staff attended quarterly progress meeting with FHWA/KYTC. Staff attended all quarterly MPO meeting held during the fiscal year.

560-016/565-116: Participation Plan

Staff reviewed the Participation Plan to determine if the Plan is still applicable.

560-020: Metropolitan Transportation Plan

The MPO committees approved the listing of projects in the out years of the MTP. The out year projects were submitted to KYTC for input into the traffic model. The 2040 MTP was approved by the MPO Policy Committee during September 2010. The 20401 MTP was submitted to all planning partners and posted to the MPO website.

560-025: Transportation Management Systems

GRADD staff provided KYTC District 2, Madisonville Office, with the Unscheduled Projects List projects and Project Identifications Forms. Staff several High projects per District 2 and resubmitted the revised PIF's to District 2 staff.

April 2011

560-030: Transportation Enhancement Projects Planning

Staff met with 9 groups to discuss their ideas for a TE project. Staff provided technical assistance in the preparation of new TE applications.

560-035: Air Quality Conformity Planning

Staff participated in conference calls to remain updated on conformity requirements and changes in the KYTC Congestion Mitigation and Air Quality (CMAQ) program.

560-040: Plan Mapping and Maintenance

Staff worked to update the MPO maps as annexations were made to the city. The 2009 Accident Report was prepared and submitted to the committees. The 2009 Accident Report recommendations were delivered to the Engineering Department, Owensboro Police Department and District 2.

560-045: Transportation Project Forecasts, Traffic Model Upkeep and Census Coordination

Socioeconomic data was updated. Staff assisted the OMPC concerning roads, traffic analysis zones, subdivisions (new and future), population concentrations.

560-051: Safety Program: Stop Red Light Running

Staff coordinated with local law enforcement, Owensboro Police Department, Daviess County Sheriff and the State Police to bring awareness of the dangers with running red lights. Staff determined which locations had the highest incident of crashes, staff prepared media information, attended television and radio talk shows. The results from this program were evaluated to determine individual intersection safety improvements needed in the area.

560-055: Incident Management Planning

Staff has continued to meet with local law enforcement and emergency services agencies to discuss the Incident Management Plan.

560-090/565-190: Title VI

The updates to the MTP, PP, and the TIP have been placed on the GRADD web site. Other opportunities for public participation have been identified in the Participation Plan.

565-120: Socioeconomic Planning and Analysis

Staff prepared and submitted the yearly and quarterly DBE reports. Staff assisted the transit manager in the certification of new DBE firms.

April 2011

565-125: Transit Planning for the Elderly and Handicapped

Staff assisted the transit manager with the Triennial Review process this fiscal year. Staff assisted the transit manager with ADA regulations.

510-000: Owensboro Transit Management Assistance

Staff assisted the OTS manager with the monthly drawdowns from FTA. Staff rewrote computer program to indicate the local match associated with new regulations. Staff prepared new route map and assisted in the purchase and site location of 3 new transit shelters.

520-000: Technical Assistance to the City and County

Staff assisted the City of Owensboro and Daviess County by attending several meetings in Frankfort and Madisonville, some of the meetings concerned the proposed roundabout to be located on KY 81/KY 56, in western Daviess County. Staff served as a liaison for the City and County on the Chamber of Commerce Transportation Committee. Staff conducted several radar surveys, traffic signal warrant counts and stop sign surveys. Staff attended several city commission, and county fiscal court, and planning/zoning meetings.

April 2011

560-005/565-105: Metropolitan Planning Organization Administration

Purpose and Objectives

The administrative requirements for maintaining the MPO transportation planning program will be conducted under this work element.

Methodology

1. Carry out administrative activities involved with maintaining the Policy, Technical Advisory and Citizens Advisory Committees' activities. Provide updated information and training to MPO Committee members, as needed, on federal planning requirements for MPOs.
2. Serve as a liaison between the Kentucky Transportation Cabinet, the Federal Highway Administration and the Federal Transit Administration in operating and conducting the transportation planning program.
3. Prepare the Performance and Expenditure Report of the Owensboro – Daviess County MPO which describes the MPO's activities and completed projects involving federal funding.
4. Prepare quarterly progress reports to KYTC and FTA on the MPO staff activities,
5. Improve outreach efforts to improve and/or increase the CAC membership to represent a broader range of citizens within the MPO.
6. Prepare an Annual Listing of Obligated Transportation Projects. Publish the listing on the MPO website by the end of December of each year, www.gradd.com.
7. Educate local governments on the requirement of an ADA Transition Plan for any government entity with over 50 employees as a requirement for authorizing federal aid expenditures. Assist local governments in providing information for the development of a local Americans with Disability Act (ADA) Transition Plan. Seek to increase MPO staff and committee member awareness and understanding of ADA issues.
8. Assist the KYTC and local governments with any necessary project-related MPO document updates.

April 2011

9. Educate local governments of the availability of KYTC's Local Public Agency (LPA) Guide documenting federal requirements for the oversight and administration of federal-aid projects. Assist LPAs with project technical assistance through MPO document updates such as amendments and administrative modifications, coordinating assistance, and other technical assistance as needed to educate LPAs on federal requirements.
10. Completion date shall be June 2012.

The end products will be the maintenance of the MPO committees; the production of the UPWP and Annual Report, which will be presented to the MPO committees and made available to the public; and the quarterly progress reports to the appropriate agencies.

Staffing: 7 person weeks (Transportation Planning Director)
 8 person weeks (Support Staff)

Estimated Cost: \$22,250

<u>Funding Sources:</u>	<u>Transit Planning</u>	565-105	
	FTA Section 5303	(80%)	\$5,200
	City of Owensboro	(20%)	<u>1,300</u>
			\$6,500
	<u>Highway Planning</u>	560-005	
	FHWA PL	(80%)	\$12,600
	KYTC	(5%)	787
	City of Owensboro	(7.5%)	1,181.50
	Daviess County	(7.5%)	<u>1,181.50</u>
			\$15,750

April 2011

560-008/565-108: Unified Planning Work Program

Purpose and Objectives

The Unified Planning Work Program (UPWP) outlines the transportation planning tasks to be undertaken by the Owensboro-Daviess County Metropolitan Planning Organization (MPO) during fiscal year.

Methodology

1. Develop the annual Unified Planning Work Program (UPWP), which outlines MPO staff activities for the upcoming fiscal year.
2. Update the MPO Prospectus.
3. Mid-Year Review: to meet with FHWA and KYTC to discuss the progress of the UPWP to ensure that each activity will be completed during the year. This meeting is to be scheduled in January of each year.
4. Submit draft UPWP to MPO committees for input and recommendations for new or expanded elements.
5. Submit draft UPWP to the MPO Planning Partners for input and recommendations for new or expanded elements.
6. Incorporate comments into the draft UPWP.
7. Submit UPWP to the MPO Policy Committee for final approval.
8. If there needs to be a change, the MPO will contact KYTC by e-mail with the details of the request and ask for approval. If KYTC agrees with the proposal, KYTC forwards the e-mail and requests concurrence from FHWA. KYTC then submits the FHWA approval, if granted, to the MPO for adoption. All changes will be included in the Performance and Expenditures Report.
9. Completion date shall be April 2012.

The end product shall be a written document that will be presented to the MPO committees for approval.

April 2011

Staffing: 4 person weeks (Transportation Planning Director)
2 person weeks (Support Staff)

Estimated Cost: \$11,500

<u>Funding Sources:</u>	<u>Transit Planning</u>	560-008/565-108	
	FTA Section 5303	(80%)	\$2,400
	City of Owensboro	(20%)	<u>600</u>
			\$3,000
	<u>Highway Planning</u>	560-005	
	FHWA PL	(80%)	\$6,800
	KYTC	(5%)	425
	City of Owensboro	(7.5%)	637.50
	Daviess County	(7.5%)	<u>637.50</u>
			\$8,500

April 2011

560-010/565-110: Preparation of Transportation Improvement Program

Purpose and Objectives

To prepare the Transportation Improvement Program/Annual Element (TIP/AE) which outlines highway, airport, riverport and transit, rail and bikeway projects involving federal funds, for a six-year period. Maintain compliance with federal regulations.

Methodology

1. Determine which projects should be included in the TIP to assure an orderly and efficient transportation network in the Owensboro – Daviess County MPO. Meet with all local officials and appropriate agencies to review and discuss these projects.
2. Provide for open meetings for public comment on the TIP. Determine the priority, for year, by program costs and justification for projects to be included in the TIP.
3. Hold a work session for the Technical Advisory Committee to review and discuss the TIP before review by the Policy Committee.
4. Assure that the TIP/AE is in conformance with the Transportation Plan for the urban area, and incorporate 2010 Census data when available.
5. On the transit portion of the TIP, assure that the City has the financial capability and condition to continue to operate at the current level of service and that the projects proposed reflect this financial status.
6. The TIP financial plan indicates the type and availability of funds for projects listed, and that the TIP is fiscally constrained.
7. The planning factors will be considered for all projects in the TIP.
8. The TIP Projects will be prioritized based on the MPO's stated goals and objectives. The MPO's goals and objectives will be reviewed and updated, as needed.
9. Completion date shall be June 2012.

April 2011

565-010/565-110: Preparation of Transportation Improvement Program
(Cont'd)

The end product will be a written document, which will be presented and approved by the MPO committees.

Staffing: 3 person weeks (Transportation Planning Director)
 3 person weeks (Support Staff)

Estimated Cost: \$10,630

<u>Funding Sources:</u>	<u>Transit Planning</u>	565-110	
	FTA Section 5303	(80%)	\$2,000
	City of Owensboro	(20%)	<u>500</u>
			\$2,500
	<u>Highway Planning</u>	560-010	
	FHWA PL	(80%)	\$6,504
	KYTC	(5%)	406
	City of Owensboro	(7.5%)	610.00
	Daviess County	(7.5%)	<u>610.00</u>
			\$8,130

April 2011

560-015/565-115: MPO Staff Training

Purpose and Objectives

To provide training to MPO staff on current highway, transit planning and GIS techniques.

Methodology

1. Staff will attend two-three training workshops on highway planning topics, such as use of census data in transportation planning; microcomputer use in transportation planning; transportation planning techniques; geographic information system, land use in transportation planning, environmental justice, traffic modeling and public involvement.
2. Staff will attend one to two training workshops in transit planning. This would include the regional FTA conference and/or other training workshops sponsored by FTA.
3. Staff will attend training workshops on air quality topics and congestion management systems planning.
4. Staff will attend training workshops as directed by the KYTC, such the quarterly MPO/KYTC/FHWA/AQ meetings.
5. Completion date shall be June 2012.

Staffing: 4 person weeks (Transportation Planning Director)
2 person weeks (Transportation Planner)

Estimated Costs: \$16,148

<u>Funding Sources:</u>	<u>Transit Planning</u>	565-115	
	FTA Section 5303	(80%)	\$4,778
	City of Owensboro	(20%)	<u>1,195</u>
			\$5,973
	<u>Highway Planning</u>	560-015	
	FHWA PL	(80%)	\$8,140
	KYTC	(5%)	509
	City of Owensboro	(7.5%)	763.00
	Daviess County	(7.5%)	<u>763.00</u>
			\$10,175

April 2011

560-016/565-116: MPO Participation Plan

Purpose and Objectives

To reach out to all citizens in an effort to engage the public in the transportation planning process. This includes activities to engage the community and get feedback on the transportation plans and programs for the Owensboro – Daviess County MPO. Maintain compliance with federal regulations.

Methodology

1. Continue to review and update the 2009 MPO Participation Plan to include all planning requirements. As new Census 2010 data becomes available, the MPOs will incorporate relevant data into updating the Participation Plan.
2. Outreach activities will gather public input concerning all transportation plans and programs within the MPO, and will include, but not be limited to the following:
 - a. community meetings
 - b. news media bulletins
 - c. appointment of community representatives to MPO committees
 - d. updating and expanding contact lists
 - e. Website announcements
 - f. Provide translators as needed
 - g. To provide opportunities for the traditionally underserved to hear about opportunities to comment on the planning process through various outreach activities such as transit announcements, radio, community meetings, and other methods as needed.
 - h. Provide documents on the MPO website, city hall, and public library
3. Evaluate effectiveness of Participation Activities and disseminate collected data to all MPO committees.
5. Completion date shall be June 2012.

Staffing: 4 person weeks (Transportation Planning Director)
 2 person weeks (Transportation Planner)
 3 person weeks (Support Staff)

Estimated Cost: \$12,300

April 2011

560-016/565-116: MPO Participation Plan
(Cont'd)

<u>Funding Sources:</u>	Transit Planning	565-116	
	FTA Section 5303	(80%)	\$4,600
	City of Owensboro	(20%)	<u>1,150</u>
			\$5,750
	Highway Planning	560-016	
	FHWA PL	(80%)	\$5,240
	KYTC	(5%)	327
	City of Owensboro	(7.5%)	491.50
	Daviess County	(7.5%)	<u>491.50</u>
			\$6,550

April 2011

560-020: Metropolitan Transportation Plan

Purpose and Objectives

Provide for the new submission of the Metropolitan Transportation Plan (MTP). Provide the necessary information to the MPO Committees. Provide the general public the opportunity, through a public meeting, to voice ideas and/or concerns on the proposed MTP, according to the Participation Plan. Maintain compliance with federal regulations.

Methodology

1. Staff will update and review the goals and objectives of the MPO.
2. Analyze traffic projections to determine transportation deficiencies. As applicable, review available travel time performance measures to determine congestion impacts and develop project-related congestion management strategies.
3. Assist MPO committees in setting priorities with Metropolitan Transportation Plan Projects and identify bike and pedestrian facilities projects.
4. Revise or confirm projects in Metropolitan Transportation Plan and PIFs.
5. Develop the Metropolitan Transportation Plan for the Owensboro-Daviess County MPO, as necessary.
6. Provide for public input and meetings.
7. Update the socioeconomic data for the plan and incorporate 2010 Census data when available.
8. Continue to revise MTP, on a yearly basis, to indicate Year of Expenditure costs.
9. Staff will assist the MPO committees in identifying priority projects for the MTP.
10. Completion date shall be June 2012.

April 2011

560-020: Metropolitan Transportation Plan
(Cont'd)

The end product, if any, will be a written document outlining the Metropolitan Transportation Plan, or updates and amendments as necessary.

Staffing: 4 person weeks (Transportation Planning Director)
 1 person weeks (Transportation Planner)
 3 person weeks (Support Staff)

Estimated Costs: \$9,500

<u>Funding Sources:</u>	FHWA PL	(80%)	\$7,600
	KYTC	(5%)	475
	City of Owensboro	(7.5%)	712.50
	Daviess County	(7.5%)	<u>712.50</u>
			\$9,500

April 2011

560-030: Transportation Enhancement Project Planning

Purpose and Objectives

To determine projects within the Owensboro-Daviess County urban area that may be eligible for funding under "transportation enhancement" provisions of the SAFETEA-LU. These may include Safe Routes to School (SRTS) and other enhancement type funding mechanisms.

Methodology

1. Work with MPO committees, local public agencies, elected officials, and KYTC in determining eligible projects.
2. Screen, review and prioritize Transportation Enhancement projects for submittal to KYTC, and other enhancement type funds as needed.
3. Completion date shall be March 2012.

The end products will be a technical report to the MPO committees concerning transportation enhancement projects in the urban area.

Staffing: 2 person weeks (Transportation Planning Director)
 2 person weeks (Transportation Planner)
 2 person weeks (Support Staff)

Estimated Cost: \$4,500

<u>Funding Sources:</u>	FHWA PL	(80%)	\$3,600
	KYTC	(5%)	225
	City of Owensboro	(7.5%)	337.50
	Daviess County	(7.5%)	<u>337.50</u>
			\$4,500

April 2011

560-035: Air Quality Monitoring

Purpose and Objectives

The MPO has been in attainment with the Clean Air Act of 1990 since the summer of 2005. Maintain compliance with federal regulations.

Methodology

1. Review air quality conformity requirements.
2. Consult with the KYTC, the FHWA, and other MPOs to determine appropriate means and methodologies for incorporating climate change considerations into the planning process. Seek to increase MPO staff and committee member awareness and understanding of climate change issues.
3. Assure compliance with State Implementation Plan. Develop possible strategies for maintaining compliance. Continue to plan for future implementation AQ outreach programs.
4. Assist KYTC, as requested, to develop a list of vulnerable assets.
5. Staff will attend meetings and participate in AQ conference calls with Natural Resources and Environmental Protection Cabinet - Division for Air Quality, FHWA, and KYTC as needed, and as often as possible. Staff may attend the 2012 Air Quality Conference.
6. Staff receives recommendations and ideas from local public agencies, individuals, FHWA, and KYTC concerning CMAQ eligible projects. These projects are submitted to CAC and TAC for their consideration. If a project is approved, then an application is submitted. If more than 1 project is approved, then the CAC/TAC will decide on priorities. The recommendation is then submitted to the Policy Committee for approval.
7. Completion date shall be June 2012.

Staffing: 1 person weeks (Transportation Planning Director)
1 person weeks (Support Staff)

Estimated Cost: \$3,750

<u>Funding Sources:</u>	FHWA PL	(80%)	\$3,000
	KYTC	(5%)	188
	City of Owensboro	(7.5%)	281.00
	Daviess County	(7.5%)	<u>281.00</u>
			\$3,750

April 2011

560-040: Urban Area Plan, Mapping and Traffic Management Systems Planning

Purpose and Objectives

To maintain and update area maps and the traffic management system as needed in carrying out the overall planning program. To assist the KYTC in the planning and development of transportation management systems and coordination of all transportation modes

Methodology

1. Maintain and update the following maps: urban area, transportation plan, traffic model, environmental justice, and Title VI, as well as any visualization techniques as needed.
2. Provide traffic counts, traffic zone demographic data and other information to KYTC, businesses and agencies, as requested.
3. Continue to maintain and update the traffic management system and needs inventory system, as changes occur in the highway network. Participate in project/corridor studies as needed.
4. Identification of new needs and completion of Project Identification Forms. Maintain previously completed Project Identification Forms. Update current Project Identification Forms as required. Attend PIF training.
5. Evaluate Multimodal needs, including freight, rail, water, bike/ped and other transportation systems. Staff will evaluate and present options to prepare a Bicycle Friendly Community designation application.
6. As requested, provide assistance to the local health departments to provide emphasis on pedestrian priorities and livable communities. This could include cooperatively conducting Road Safety Audits and/or reviewing projects for specific community and livability principles.

April 2011

560-040: Urban Area Plan, Mapping and Traffic Management Systems Planning
(Cont'd)

6. Assist the KYTC in the planning and development of the following systems in the Owensboro-Daviess County MPO, as requested;
 - a. Highway pavement of Federal-Aid Highways
 - b. Bridges on and off Federal-Aid Highways
 - c. Traffic congestion planning process
 - d. Public transportation facilities and equipment
 - e. Intermodal Systems Planning
 1. Identification of performance measures.
 2. Data calculations, types of intermodal goods.
 3. Selection of appropriate strategies to address specific needs.
 4. Evaluate the effectiveness of strategies.
 5. Identification of Intermodal connectors.
 - f. Assist with the planning studies for the I-69/I-66 Spurs
 - g. Assist with any other planning studies that may come forth.
7. Assist in identifying, planning for and developing projects related to the above systems that will improve the existing highway network and will improve coordination of the highway system with other modes of transportation.
8. As new Census 2010 data becomes available, the MPO will update the planning boundaries and incorporate relevant data into planning activities and document.
9. Completion date shall be June 2012.

The end products will be a coordinated plan maintenance and mapping system in support of the planning program and the update of the Highway Data Base.

Staffing: 5 person weeks (Transportation Planning Director)
6 person weeks (Transportation Planner)
4 person weeks (Support Staff)

Estimated Cost: \$13,500

<u>Funding Sources:</u>	FHWA PL	(80%)	\$10,800
	KYTC	(5%)	675
	City of Owensboro	(7.5%)	1,012.50
	Daviess County	(7.5%)	<u>1,012.50</u>
			\$13,500

April 2011

560-045: Traffic Model Assistance and Coordination

Purpose and Objectives

Staff will assist with the update of the Traffic Model for the highway network in Daviess County. Staff will provide traffic counts projections to the Kentucky Transportation Cabinet (KYTC), Daviess County, the City of Owensboro and various state agencies as requested by KYTC. Staff will attend quarterly Traffic Model Users Group meetings as required.

Methodology

1. Staff will collect data on the highway network
 - a. Traffic counts
 - b. Employment, population
 - c. Segments lengths
 - d. Land use
2. During FY 2011, upon request by the KYTC, City of Owensboro, or Daviess County, the MPO staff will assist in the preparation of traffic forecasts for projects within the MPO study area, using Travel Demand Forecasting Model as well as other methods available to the staff. Pertinent traffic count and design information will be supplied by the City, County, GRADD and KYTC.
3. Work and data collection (to collect population, employment, traffic, road and other relevant data) will be accomplished on an expanded traffic model area to include all of Daviess County.
4. Assist in updating the Owensboro Travel Demand Model by providing necessary socioeconomic and land use data.
5. Staff will attend training on traffic model software, as requested by KYTC.
6. Completion date shall be June 2012.

The end product will be traffic forecasts reports and updated data assumptions to the KYTC, the City of Owensboro and Daviess County.

April 2011

560-045: Traffic Model Assistance and Coordination
(Cont'd)

Staffing: 4 person weeks (Transportation Planning Director)
 2 person weeks (Transportation Planner)
 2 person weeks (Support Staff)

Estimated Cost: \$9,000

<u>Funding Sources:</u>	FHWA PL	(80%)	\$7,200
	KYTC	(5%)	450
	City of Owensboro	(7.5%)	675.00
	Daviess County	(7.5%)	<u>675.00</u>
			\$9,000

April 2011

560-051: Safety, Incident Management and Security Planning

Purpose and Objectives

The staff has recognized, through the Accident Report, that the Owensboro-Daviess County MPO has a large number of accidents that are attributed to the disregard of traffic control devices, speeding and driver inattention. This project will try to educate the public on the dangers of disregarding traffic control devices, speeding and driver inattention. As traffic patterns change due to increased/decreased volumes or as development occurs, determine alternate routing for affected vehicles during an incident, to alleviate congestion, provide for a safe and secure environment for drivers to bypass a road blocking incident.

Methodology

Safety

1. Coordinate with city, county and state police departments, emergency response agencies and consult with the state on the strategic highway safety plan to coordinate awareness of the dangers of speeding, driver inattention and the disregard of traffic control devices. Emphasis includes impaired driving, driver education and inexperienced drivers.
2. Prepare news releases for media public service announcements. Work with the local broadcast and cable stations to televise the program. Purchase materials necessary to operate a successful campaign.
3. Determine which locations have the most violations, and identify those locations that could pose a problem during an extended incident.
4. Coordinate with KYTC, on the development of the State Highway Safety Plan (SHSP) and the identification of proposed Highway Safety Improvement Program (HSIP) projects for recommendation.
5. Maintain accident inventory computer database utilizing police accident reports, culminating in the preparation of the yearly Owensboro Accident Report and the Daviess County Sheriff Department.
6. Highway safety, including safety corridors such as US 60.

Incident Management

1. Analyze road/street network in surrounding area. Identify best possible rerouting for traffic during an incident. Prepare maps indicating alternative routing.
2. Coordinate local law enforcement activities during the year to provide enforcement at selected intersections and specific other locations.

April 2011

3. Identify safety improvements based upon analysis of data collected.
4. Any revised copies of the Incident Management Plan will be submitted to the local state police post, Owensboro Police Department, Daviess County Sheriff Department, Owensboro Fire Department, emergency response agencies, county fire departments and vehicle enforcement agencies.

Security Planning

1. Provide for consideration and implementation of projects, strategies and services that will address:
 - Increase the security of the transportation system for motorized and non-motorized users.
2. Provide a forum where local officials can convene to plan for:
 - a. the response to emergencies
 - b. the monitoring of plans
 - c. the recovery from emergencies
3. To be completed by June 2012.

The end product will be a report that indicates the number of citations issued for various traffic violations. Also, staff will try to determine if the program reduced traffic accidents.

Staffing: 2 person weeks (Transportation Planning Director)
 10 person weeks (Transportation Planner)
 6 person weeks (Support Staff)

Estimated Cost: \$10,395

<u>Funding Sources:</u>	FHWA PL	(80%)	\$8,316
	KYTC	(5%)	520
	City of Owensboro	(7.5%)	779.50
	Daviess County	(7.5%)	<u>779.50</u>
			\$10,395

April 2011

560-090/565-190: Title VI and Environmental Justice

Purpose and Objective

To evaluate and ensure that transportation resources are distributed equitably throughout the MPO area. To help ensure that programs and processes are conducted in accordance with all applicable requirements of Title VI of the Civil Rights Act of 1964 by reviewing impacts on neighborhoods and groups; providing selection procedures that are fair and equitable; by considering socioeconomic factors such as income, race, age, ability, Low English Proficiency (LEP), and any other pertinent factors.

Methodology

1. Geographic Information System (GIS) data will include visualization techniques to identify minority populations, low income, and Low English Proficiency (LEP) locations and percentage of total population. Conduct analysis of burdens and benefits of transportation investments. Determine disproportionate adverse impacts.
2. Prepare for updates of Title VI documentation in coordination with the Owensboro Transit System.
3. Coordinate all Title VI complaints through the Title VI coordinator.
4. Maintain updated documents that include descriptions on how to provide formal comments as changes occur.
5. Completion date shall be June 2012.

The end product will be efforts to engage Title VI populations and provide opportunities for involvement.

Staffing: 1 person weeks (Transportation Planning Director)
 6 person weeks (Transportation Planner)
 3 person week (Support Staff)

Estimated Costs: \$14,102

April 2011

560-090/565-190: Title VI and Environmental Justice
(Cont'd)

<u>Funding Sources:</u>	<u>Transit Planning</u>	565-190	
	FTA Section 5303	(80%)	\$4,682
	City of Owensboro	(20%)	<u>1,170</u>
			\$5,852
	<u>Highway Planning</u>	560-090	
	FHWA PL	(80%)	\$6,600
	KYTC	(5%)	413
	City of Owensboro	(7.5%)	618.50
	Daviess County	(7.5%)	<u>618.50</u>
			\$8,250

April 2011

565-120: Socioeconomic & DBE Planning and Analysis

Purpose and Objectives

To analyze the performance indicators and objectives of the Owensboro Transit System (OTS) and to assure that OTS is providing efficient service to all sectors, particularly minority, low-income, elderly and disabled.

Methodology

1. Prepare annual Disadvantage Business Enterprise (DBE) report to FTA, as required, which outlines the financial commitment to the DBE program.
2. Assure certification of private enterprise participation in public transit service.
3. Analyze participation of Disadvantaged Business Enterprises (DBE) in OTS capital and operating projects.
 - a. Assist OTS manager and city purchasing department in complying with FTA requirements involving DBE participation.
 - b. Evaluate goals and objectives established by the city in coordinating DBE participation in providing transit service and submit yearly goals to FTA.
 - c. Assist in the certification process for local DBE firms
4. Completion date shall be June 2012.

The end products will be technical memorandums and/or reports that will be forwarded to the Federal Transit Administration.

Staffing: 4 person weeks (Transportation Planner)

Estimated Cost: \$5,750

<u>Funding. Sources:</u>	FTA Section 5303	(80%)	\$4,600
	City of Owensboro	(20%)	<u>\$1,150</u>
			\$5,750

April 2011

565-125: Transit Planning for Elderly and Disabled Persons Services

Purpose and Objectives

To assist the Owensboro Transit System (OTS) in the planning of elderly and disabled services in compliance with the Americans with Disabilities Act (ADA). Staff will assist OTS with Job Access and Reverse Commute (JARC) and the New Freedom Program.

Methodology

1. Address responses from the Federal Transit Administration (FTA), concerning the preliminary plan presented by OTS in meeting ADA requirements.
2. Revise OTS Americans with Disabilities Act Plan, as needed. Assist OTS in meeting new FTA regulations for implementing the Act.
3. Assist OTS in the planning and delivery of paratransit services to elderly and disabled persons.
4. Assist OTS in determining ADA compliance in other areas, such as terminal access, scheduling and public participation.
5. Assist OTS in planning a public information program on elderly and disabled services which is usable and helpful to disabled persons.
6. Assist OTS in addressing the unique transportation challenges faced by welfare recipients and low-income person seeking to get and keep jobs. (JARC)
7. Assist OTS with the New Freedom Program, a program that aims to provide new public transportation services and public transportation alternatives beyond those required by the Americans with Disabilities Act of 1990 (ADA).
8. Completion date shall be June 2012.

The end products will be a final plan for meeting ADA requirements by the Owensboro Transit System, in compliance with Federal Transit Administration regulations, and assistance to OTS in implementing this plan.

Staffing: 4 person weeks (Transportation Planner)

Estimated Cost: \$5,925

<u>Funding Sources:</u>	FTA Section 5303	(80%)	\$4,740
	City of Owensboro	(20%)	<u>\$1,185</u>
			\$5,925

April 2011

510-000: Owensboro Transit Management Assistance

Purpose and Objectives

To provide day-to-day management assistance to the Owensboro Transit System Manager.

Methodology

1. Assistance will be provided to the City of Owensboro in applying for and securing operating and capital assistance grants through grant application preparation; public hearing organization, etc.
2. Staff will assist OTS manager in implementation of operating and capital grants.
3. Staff will assist the OTS manager and serve as a liaison between City of Owensboro, Federal Transit Administration and Kentucky Transportation Cabinet.
4. Staff will assist OTS manager in other areas, upon request, such as in preparing reports to Kentucky Revenue Department, FTA, KYTC, American Public Transit Association, etc.
5. Assistance will be provided in routing, scheduling, marketing, fare structure, the production of maps and graphics.
6. Staff will attend meetings and training sessions as requested by the Manager of the Owensboro Transit System.
7. Completion date shall be June 2012.

The end products of this work element will be a management assistance program provided to the City of Owensboro in the operation of OTS.

<u>Staffing:</u>	12 person weeks (Transportation Planner)		
<u>Estimated Cost:</u>	\$18,000		
<u>Funding Sources:</u>	FTA/Section 5307		
	Planning Assistance	(50%)	\$9,000
	City of Owensboro	(50%)	<u>\$9,000</u>
			\$18,000

April 2011

520-000: Technical Assistance to City of Owensboro and Daviess County

Purpose and Objectives

To provide technical assistance to the City of Owensboro and Daviess County and their departments on transportation planning projects and traffic operations.

Methodology

1. Staff will assist the city and the county in applying for funds in implementing highway projects in the urban area.
2. Staff will assist in the implementation of the US 60, East 18th Street extension, Bypass Extension, Goetz Drive extension, intersection projects and other high MPO priority highway projects.
3. Staff will assist OMPC, the city and the county in implementing local access management policies.
4. Staff will continue to work with the CSX Railroad, the KYTC and the city and county on railroad crossing improvements.
5. Studies on traffic flow, parking, speed limits, signalization, and safety improvements will be done; traffic counts will be conducted, as requested.
6. Assistance will be provided to the Owensboro Police Department and the Daviess County Road Department on warrants for traffic signs at requested locations. Staff will assist in implementation of sign programs for the city and county.
7. Staff will meet with and/or provide information to general public on traffic concerns and ongoing highway projects.
8. Staff will serve on various ad-hoc committees, as requested by the city and county.
9. Completion date shall be June 2012.

The end products will be a program of technical assistance provided to the city and county and their departments.

April 2011

Work Element Summary: 560/565/510/520

Owensboro-Daviess County
MPO Transportation Planning

Planning Elements (PL) 560-XXX

<u>Source</u>	<u>Cost</u>	<u>Estimated Time</u>
FHWA	\$86,400	1,350.0 hrs – Planning Director
KYTC	\$5,400	1,237.5 hrs – Transportation Planner
City of Owensboro	\$8,100	899.5 hrs – Support Staff
Daviess County	<u>\$8,100</u>	
Total	\$108,000	

FTA Elements 565-XXX

<u>Source</u>	<u>Cost</u>	<u>Estimated Time</u>
FTA	\$33,000	187.5 hrs – Planning Director
City of Owensboro	<u>\$8,250</u>	187.5 hrs – Transportation Planner
Total ****	\$41,250	187.5 hrs – Support Staff

**** Increase due to additional funding from FTA.

Other Contracts

510-XXX

<u>Source</u>	<u>Cost</u>	<u>Estimated Time</u>
FTA	\$9,000	450 hrs – Transportation Planner
Owensboro Transit System	<u>\$9,000</u>	
Total	\$18,000	

520-XXX

		<u>Estimated Time</u>
Daviess County	\$7,500	187.5 hrs – Planning Director
City of Owensboro	<u>\$7,500</u>	75.0 hrs – Transportation Planner
Total	\$15,000	112.5 hrs – Support Staff

2012 UPWP Total Funding \$182,250

**GREEN RIVER AREA DEVELOPMENT DISTRICT
FY 2012 UNIFIED PLANNING WORK PROGRAM**

April 2011

ELEMENT NUMBER	TITLE	TOTAL FY 2012	FTA		FHWA PL	NON MATCH CITY OF OWENSBORO	KYTC	LOCAL MATCH		DAVISS COUNTY OWENSBORO 50/50 SPLIT	FY 2012 MPO BUDGET
			SECTION 5303	SECTION 5307				TOTAL MATCH	CITY OF OWENSBORO		
560-005	FHWA Administration	\$15,750			\$12,600		\$787	\$2,363	\$1,181.50	\$1,181.50	\$15,750
560-008	FHWA Unified Planning Work Program	\$8,500			\$6,800		\$425	\$1,275	\$637.50	\$637.50	\$8,500
560-010	FHWA T I P	\$8,130			\$6,504		\$406	\$1,220	\$610.00	\$610.00	\$8,130
560-015	FHWA Staff Training	\$10,175			\$8,140		\$509	\$1,526	\$763.00	\$763.00	\$10,175
560-016	FHWA Public Participation	\$6,550			\$5,240		\$327	\$983	\$491.50	\$491.50	\$6,550
560-020	FHWA Metropolitan Transportation Plan	\$9,500			\$7,600		\$475	\$1,425	\$712.50	\$712.50	\$9,500
560-030	FHWA Enhancement Projects	\$4,500			\$3,600		\$225	\$675	\$337.50	\$337.50	\$4,500
560-035	FHWA Air Quality Monitoring	\$3,750			\$3,000		\$188	\$562	\$281.00	\$281.00	\$3,750
560-040	FHWA Plan Maintenance Mapping, and Systems Planning	\$13,500			\$10,800		\$675	\$2,025	\$1,012.50	\$1,012.50	\$13,500
560-045	FHWA Traffic Model Assist and Coordination	\$9,000			\$7,200		\$450	\$1,350	\$675.00	\$675.00	\$9,000
560-051	FHWA Safety, Incident Management and Security Plan	\$10,395			\$8,316		\$520	\$1,559	\$779.50	\$779.50	\$10,395
560-090	FHWA Title VI	\$8,250			\$6,600		\$413	\$1,237	\$618.50	\$618.50	\$8,250
565-105	FTA Administration ****	\$6,500	\$5,200						\$1,300.00		\$6,500
565-108	FTA Unified Planning Work Program	\$3,000	\$2,400						\$600.00		\$3,000
565-110	FTA T I P	\$2,500	\$2,000						\$500.00		\$2,500
565-115	FTA Staff Training	\$5,973	\$4,778						\$1,194.60		\$5,973
565-116	FTA Public Participation ****	\$5,750	\$4,600						\$1,150.00		\$5,750
565-120	FTA Socio-Economic & DBE ****	\$5,750	\$4,600						\$1,150.00		\$5,750
565-125	FTA Transit Planning for **** Elderly & Handicapped	\$5,925	\$4,740						\$1,185.00		\$5,925
565-190	FTA Title VI & Environmental Justice ****	\$5,852	\$4,682						\$1,170.40		\$5,852
510-000	OTS Management Assist.	\$18,000		\$9,000							\$18,000
520-000	MPO - Technical Assistance	\$15,000								\$15,000	\$15,000
TOTAL		\$182,250	\$33,000	\$9,000	\$86,400	\$9,000	\$5,400	\$16,200.00	\$16,350.00	\$8,100.00	\$182,250

**** FTA, Section 5303 Funding was increase by \$3,000 plus local match.