



# **2007 Annual Listing of Federally Obligated Projects**

**Of the Memphis Metropolitan Planning Organization  
(Listado de 2007 publicaciones anuales de los proyectos  
federal obligados para el MPO de Memphis)**



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## I. MPO OVERVIEW

### A. ACRONYMS

ETC	Engineering and Technical Committee
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year
ITS	Intelligent Transportation Systems
MATA	Memphis Area Transit Authority
MDOT	Mississippi Department of Transportation
MPO	Metropolitan Planning Organization
SAFETEA-LU	Safe Accountable Flexible Efficient Transportation Equity Act: a Legacy for Users
STIP	Statewide Transportation Improvement Program
TDOT	Tennessee Department of Transportation
MDOT	Mississippi Department of Transportation
TIP	Transportation Improvement Program
Title VI	Title VI of the U.S. Civil Rights Act of 1964, as amended
TPB	Memphis MPO Transportation Policy Board

## I. MPO OVERVIEW

### B. THE MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION

The Memphis Urban Area Metropolitan Planning Organization (MPO) was created in 1977 and has the lead responsibility to ensure that the transportation planning process is being carried out in accordance with federal and state regulations. Federal regulations require that an MPO be designated to carry out a comprehensive, continuing and coordinated transportation planning process for urbanized areas (as defined by the U.S. Bureau of Census) with a population of 50,000 or more.

The Memphis MPO is comprised of fifteen cities or towns and three counties. The MPO boundary includes all of Shelby County and the four westernmost miles of Fayette County in Tennessee. The boundary also extends approximately ten miles south into DeSoto County, Mississippi (Figure 1).

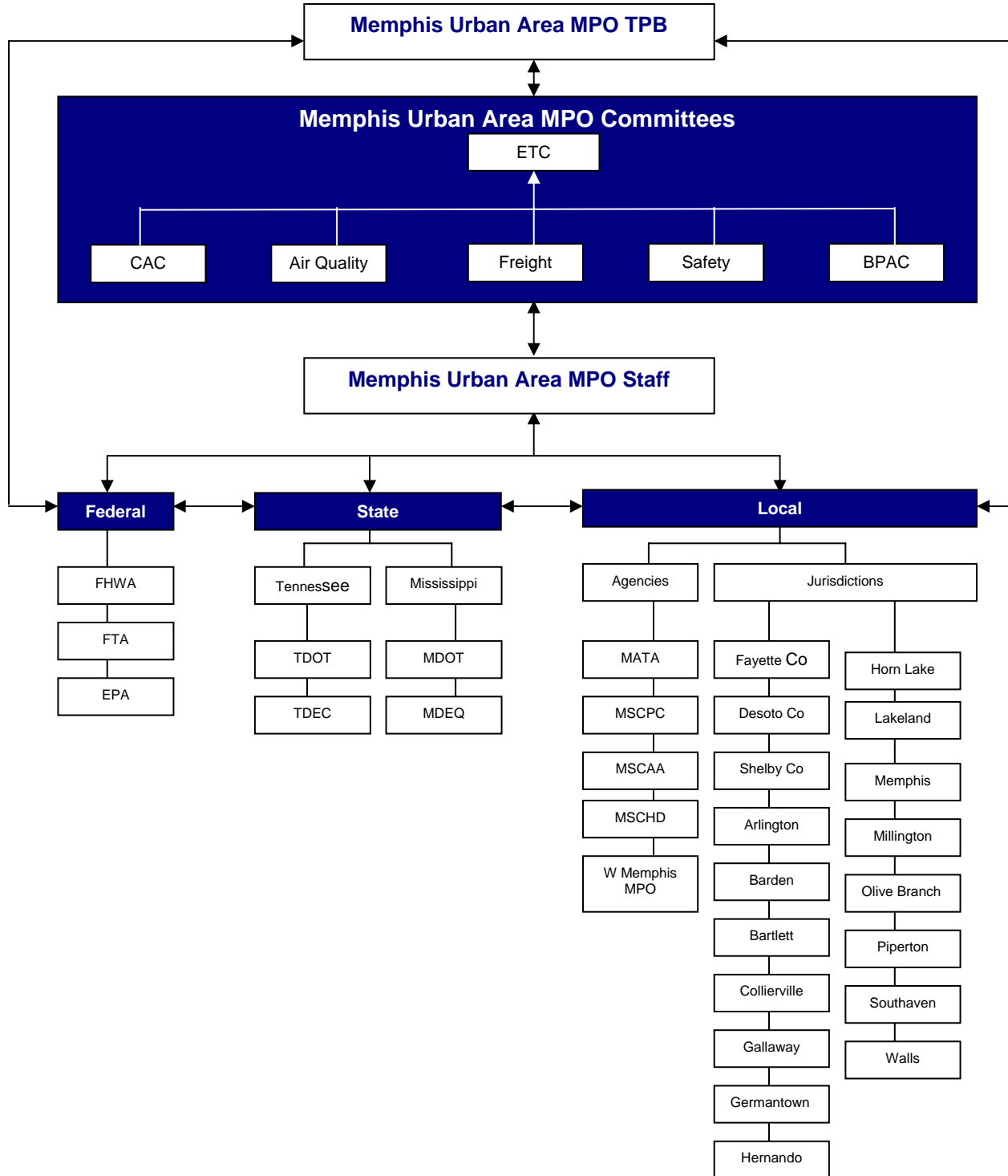
Figure 1:  
Memphis MPO Metropolitan Planning Area Boundary



The Memphis and Shelby County Department of Regional Services (DRS) serves as staff for the Memphis MPO under the direction of the MPO's Transportation Policy Board (TPB). The Memphis MPO also has six advisory committees namely, Engineering and Technical Committee, Citizen Advisory Committee, Air Quality Committee, Freight Committee, Transportation Safety Committee and Bicycle and Pedestrian Committee. The organizational chart that follows shows the role of the different federal, state, regional and local agencies in the Memphis MPO's planning process (Figure 2).

# I. MPO OVERVIEW

Figure 2: THE MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATIONAL CHART





## II. ABOUT THIS REPORT

### A. FEDERAL GUIDANCE

Planning requirements for MPOs are outlined in the federal transportation legislation known as the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). SAFETEA-LU requires the MPOs to publish an annual listing of projects for which funds have been obligated in the preceding year as a record of project delivery and a progress report for public information and disclosure. SAFETEA-LU states:

"...an Annual Listing of projects, including investments in pedestrian walkways and bicycle transportation facilities, for which Federal funds have been obligated in the preceding year shall be published or otherwise made available by the cooperative effort of the State, transit operator, and metropolitan planning organization for public review. The listing shall be consistent with the funding categories identified in each metropolitan transportation improvement program (TIP)." <sup>1</sup>

In addressing SAFETEA-LU requirements, this report lists all transportation projects in the Memphis Area MPO's region that were obligated during Fiscal Year 2007 (October 1, 2006 - September 30, 2007).

The Federal Highway Administration (FHWA) defines obligation as the Federal government's legal commitment to pay or reimburse the States or other entities for the Federal share of a project's eligible costs.<sup>2</sup> An obligated project is one that has been authorized by the federal government and funds have been obligated or approved for reimbursement. For Federal Transit Administration (FTA) projects, obligation occurs when the FTA grant is awarded. For FHWA projects, an obligation takes place when a project agreement is executed and the State/grantee requests that the funds be obligated.

The projects listed in this report have been developed in accordance with FTA/FHWA preliminary guidance. The guidance establishes a framework for developing the information in a user friendly and accessible format. It is the primary responsibility of the MPO to prepare the list, and it is the MPO's Transportation Improvement Program (TIP) that serves as a basis for the information. However, the MPO's TIP identifies projects within the fiscal year that project implementation is anticipated rather than when the project received Federal authorization. Therefore, the obligated list of projects must be developed through a cooperative effort with state and public transportation operators responsible for tracking project authorizations and obligations.

<sup>1</sup> Title 23 U.S.C. 134(j)(7)(B), 23 U.S.C. 135(g)(4)(B), 49 U.S.C. 5303(j)(7)(B), and 49 U.S.C. 5304(g)(4)(B)

<sup>2</sup> FTA/FHWA Preliminary Guidance on Annual Listing of Obligated Projects – February, 2006

## II. ABOUT THIS REPORT

### B. TRANSPORTATION IMPROVEMENT PROGRAM

The TIP lists transportation projects over a three year period that will be funded, at least in part, with funds from the FHWA and/or FTA. The TIP is the mechanism by which projects in the 2030 Long Range Transportation Plan (LRTP) get built. The TIP provides the opportunity to select projects to implement the transportation planning goals expressed in the MPO's adopted LRTP. In order for a project to be included in the TIP, it must be in the LRTP list of projects. The 2006-2008 TIP served as a 3-year financially feasible program of transportation improvements.

TIP projects are consistent with federal transportation regulations and accordingly, all TIP projects become part of TDOT's State Transportation Improvement program (STIP). These projects are financially constrained and implementable for each year. The current Memphis MPO TIP was adopted by the MPO's Transportation Policy Board (TPB) in August 25th 2005 and covers Fiscal Years 2006-2008. The TIP is amended periodically to include any projects approved by the TPB since its original date of adoption.

The content of the annual listing of projects is consistent with the project listing in the MPO's TIP. This includes project name and identification numbers, project location, project description, as well as the amount of funds programmed in the TIP. Fund obligations are a measure of the progress being made on a project. As such, the Annual Listing of Federally obligated Projects Report is prepared at the end of the federal fiscal year to tell what actually happened with TIP federal project funding during the fiscal year.

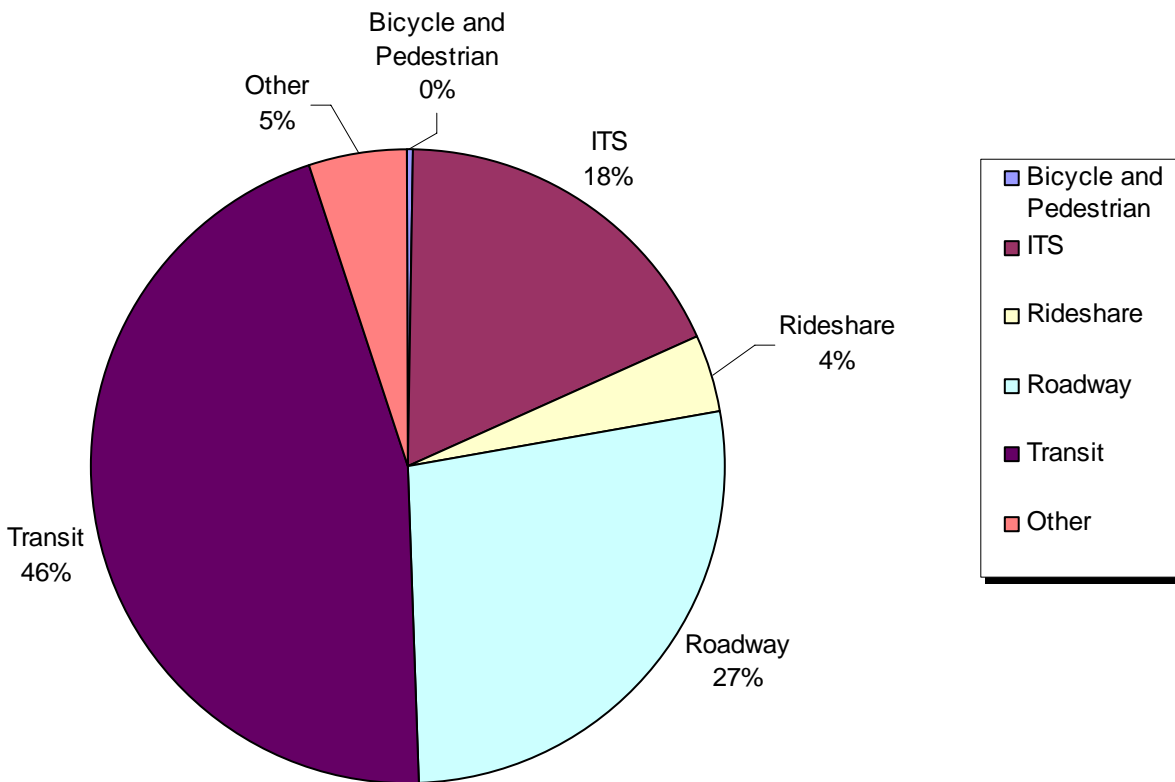
Projects for which funds have been obligated are not necessarily initiated or completed in the program year, and the amount of the obligation will not necessarily equal the total cost of the project. It is possible that obligated funds exceed the amount estimated in the TIP. It is also possible that unused funds may be credited back when not needed at the completion of a project phase resulting in a negative obligation.



### III. SUMMARY OF 2007 OBLIGATED PROJECTS

#### A. BY PROJECT TYPE

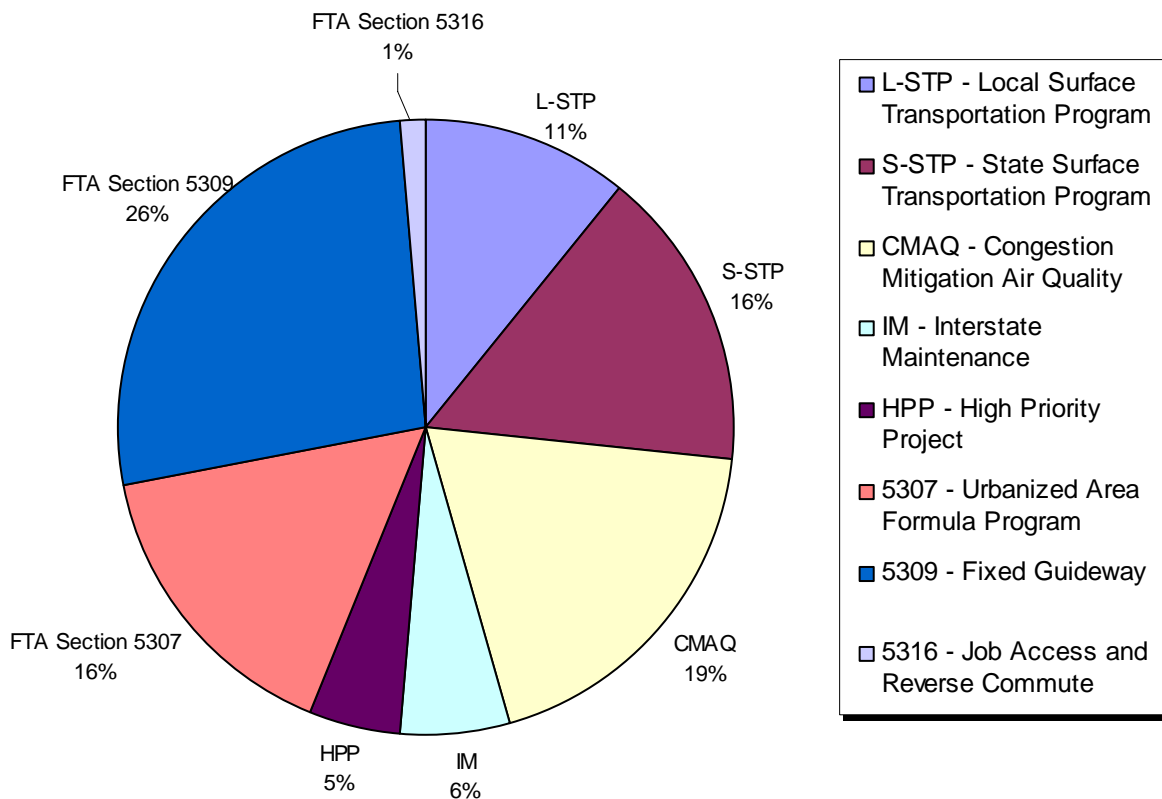
The chart below shows the breakdown in funding by project type. Transit projects received the bulk of federal transportation monies in 2007, totaling \$27,987,985. Transit was followed by roadway projects, totaling \$19,596,937. Intelligent Transportation Systems (ITS) projects was next in line at \$10,998,890. The remaining projects were as follows: Other Projects \$2,958,472, Rideshare \$2,299,239 and Bicycle and Pedestrian Improvements \$246,384. It should be noted that several transit and roadway projects included bicycle and pedestrian improvements but for the purposes of this report it was not possible to calculate their amount. The transit and roadway projects with bicycle and pedestrian improvements can be seen in the list of federally obligated projects found in table 1.



### III. SUMMARY OF 2007 OBLIGATED PROJECTS

#### B. BY FUNDING TYPE

Here the breakdown of the funding by the source of the federal funds can be seen. FTA Section 5309 funds for fixed guideways received the largest allotment at \$16,352,958. The second largest funding source was Congestion Mitigation Air Quality (CMAQ) funding totaling \$11,526,129. State STP funds and FTA Section 5307 received similar allotments with \$9,692,623 and \$9,657,000 respectively. Local STP funds was the next largest source with \$6,634,314. The remaining funding sources were as follows: Interstate Maintenance (IM) \$3,510,000, High Priority Projects (HPP) \$2,884,865 and FTP Section 5316 \$830,000.



## IV. LIST OF 2007 FEDERALLY OBLIGATED PROJECTS

### A. ABOUT THIS TABLE

The table on the following pages lists the federally obligated projects for fiscal year 2007. Each record has information on the county, TIP number, state project number, route, description, type of project, funding type, phase, amount of federal funds obligated, the amount listed in the TIP and the date the funds were made available. Projects with bicycle and pedestrian improvements are highlighted in gray.

### B. ACRONYMS

In order to save space and allow the table to fit on one page several acronyms were used to reduce the space needed for each column. An explanation of what each means follows:

#### PHASE

PE	Preliminary Engineering
CONST	Construction
UTL	Utilities
OPER	Operation
ROW	Right of Way Acquisition
ADMIN	Administration
IMP	Implementation

#### FUNDING TYPE\*

L-STP	Local Surface Transportation Program
S-STP	State Surface Transportation Program
HPP	High Priority Project
IM	Interstate Maintenance
CMAQ	Congestion Mitigation & Air Quality
5307	FTA Urbanized Area Formula Program
5309	FTA Fixed Guideway Program
5316	FTA Job Access and Reverse Commute Program

\* For a more detailed description of these funding sources please see appendix A

**IV. LIST OF 2007 FEDERALLY OBLIGATED PROJECTS - Table 1**

CITY/AGENCY	TIP/STP NUMBER	PROJECT NUMBER	ROUTE	DESCRIPTION	TYPE OF PROJECT	FUNDING TYPE	PHASE	FEDERAL FUNDS OBLIGATED	TIP/STIP AMOUNT	DATE	
<b>Roadway Projects</b>											
BARTLETT	2006-03	STP-M-9419(2)		Old Brownsville Rd, From SR-14 to Proposed Kirby Whitten Road in Bartlett	Road	L-STP	PE	\$512,000.00	\$640,000.00	1/12/07	
MEMPHIS	2000-22	STP-M-9409(90)		Forrest Hill-Irene Road, Walnut Grove Road to Rocky Point Road in Memphis	Road	L-STP	PE	\$563,816.00	\$929,416.00	3/15/07	
BARTLETT	2006-03	STP-M-9419(2)		Old Brownsville Rd, From SR-14 to Proposed Kirby Whitten Road in Bartlett	Road	L-STP	PE	\$128,000.00	\$640,000.00	3/15/07	
COLLIERVILLE	2005-01	STP-M-9417(3)		Progress Road, From Keough Road to South Street in Collierville	Road	L-STP	CONST	\$8,000.00	\$8,000.00	4/5/07	
MEMPHIS	2002-14	STP-M-9409(97)		Holmes Road, From Millbranch Road to Tchulahoma Road	Road	L-STP	PE	\$597,192.00	\$680,480.00	4/25/07	
MEMPHIS	2006-09	STP-M-9409(99)		Holmes Road, From Malone Road to SR-4 (US-78), Lamar Avenue in Memphis	Road	L-STP	PE	\$533,080.00	\$533,080.00	5/2/07	
MEMPHIS	2000-16	STP-M-9409(98)		Walnut Grove Road, From Walnut Bend Road to Rocky Point Road	Road	L-STP	ROW	\$80,000.00	\$80,000.00	5/2/07	
MEMPHIS	2004-01	STP-M-9409(96)		Winchester Drive, Interchange at Perkins Road in Memphis	Road	L-STP	CONST	\$445,232.00	\$445,232.00	5/2/07	
SHELBY	2002-04	STP-M-175(12)	SR-175	(Shelby Drive), Harvest Knoll to Hacks Cross Road	Road	L-STP	CONST	\$1,120,000.00	\$1,120,000.00	5/22/07	
TDOT	2000-02	STP-385(24)	SR-385	Line From SR-86(US-72) in Collierville to Fayette County	Road	S-STP	CONST	\$4,315,918.00	\$6,868,800.00	5/22/07	
GERMANTOWN	2002-00	STP/MG-177(20)	SR-177	Mimosa Drive to Poplar Pk and Southern R/R	Road	L-STP	CONST	\$345,496.97	\$345,496.97	5/29/07	
TDOT	2000-05	STP-385(25)	SR-385	From SR-205 (South of SR-15/US-64) to I-40	Road	S-STP	CONST	\$5,376,705.00	\$7,500,000.00	5/29/07	
TDOT	2006-11	IM-40-1(302)	I-40	Interchange at SR-196 (Hickory White Road)	Road	IM	PE	\$270,000.00	\$270,000.00	5/31/07	
COLLIERVILLE	2005-01	STP-M-9417(3)		Progress Road, From Keough Road to South Street in Collierville	Road	L-STP	CONST	\$717,600.00	\$717,600.00	6/7/07	
ARLINGTON	ASTP-2006-01	STP-M-1(219)	SR-1	Arlington (US-70), Intersection at Airline Road, LM 27.95 in	Road	L-STP	PE	\$24,000.00	\$288,000.00	7/6/07	
MILLINGTON	2006-06	STP-M-9411(5)		Veterans Parkway South (West Union Extended), Navy Road to Raleigh-Millington Road	Road	L-STP	PE / CONST	\$900,000.00	\$900,000.00	7/25/07	
BARTLETT	LSTP2006-08	STP-M-2822(6)		Yale Road Extension, Kirby-Whitten Road to Brothers Boulevard in Bartlett	Road	L-STP	CONST	19,898.00	480,000.00	8/15/07	
BARTLETT	2000-14	STP-M-9409(77)		Kirby-Whitten Parkway, From Egypt Central Road to Old Brownsville Road in Bartlett	Road	L-STP	CONST	\$640,000.00	\$640,000.00	9/14/07	
									<b>\$16,596,937.97</b>	<b>\$23,086,108.00</b>	
<b>Transit Projects</b>											
MATA	CMAQ-2002-02		N/A	Transit Centers	Transit	CMAQ	PE/CONST	\$308,000.00	\$432,000.00	4/23/2007	
MATA	CMAQ-2002-02		N/A	Transit Centers	Transit	CMAQ	PE/CONST	\$440,000.00	\$740,000.00	7/11/2007	
MATA	5307-2006-01		N/A	Advanced Public Transportation Systems	Transit	Section 5307	PURCHASE	\$400,000.00	\$400,000.00	7/11/2007	
MATA	5307-2006-02		N/A	ADA Paratransit Services	Transit	Section 5307	OPERATING	\$1,198,000.00	\$1,200,000.00	4/23/2007	
MATA	5307-2006-03		N/A	Advanced Public Transportation Systems	Transit	Section 5307	PURCHASE	\$880,000.00	\$880,000.00	4/23/2007	
MATA	5307-2006-04		N/A	Bus Facility Improvements	Transit	Section 5307	CONST	\$720,000.00	\$720,000.00	4/23/2007	
MATA	5307-2006-07		N/A	Computer Hardware & Software	Transit	Section 5307	PURCHASE	\$260,000.00	\$260,000.00	4/23/2007	
MATA	5307-2006-08		N/A	Preventive Maintenance	Transit	Section 5307	OPERATING	\$6,250,000.00	\$6,250,000.00	4/23/2007	
MATA	5307-2006-10		N/A	Rail Facility Improvements	Transit	Section 5307	CONST	\$224,000.00	\$224,000.00	4/23/2007	
MATA	5309-2006-01		N/A	Transit Enhancements	Transit	Section 5307	OPER/CONST	\$125,000.00	\$125,000.00	4/23/2007	
MATA	5309-2002-02		N/A	Fixed-Guideway Modernization	Transit	Section 5309	CONST	\$792,975.00	\$800,000.00	5/8/2007	
MATA	5309-2006-02		N/A	Rail System Enhancements	Transit	Section 5309	CONST/PUR	\$12,595,339.00	\$12,595,339.00	9/11/2007	
MATA	5309-2006-02		N/A	Transit Centers	Transit	Section 5309	CONST	\$2,146,889.00	\$2,800,000.00	3/6/2007	
MATA	5309-2006-02		N/A	Transit Centers	Transit	Section 5309	CONST	\$817,755.00	\$2,800,000.00	7/17/2007	
MATA	5316-2006-01		N/A	Job Access/Reverse Commute	Transit	Section 5316	OPERATING	\$1,500,000.00	\$1,500,000.00	2/28/2007	
MATA	5316-2006-01		N/A	Job Access/Reverse Commute	Transit	Section 5316	OPERATING	\$80,000.00	\$1,500,000.00	7/10/2007	
									<b>\$27,987,958.00</b>	<b>\$33,226,339.00</b>	

**IV. LIST OF 2007 FEDERALLY OBLIGATED PROJECTS - Table 1**

CITY/AGENCY	TIP/STP NUMBER	PROJECT NUMBER	ROUTE	DESCRIPTION	TYPE OF PROJECT	FUNDING TYPE	PHASE	FEDERAL FUNDS OBLIGATED	TIP/STIP AMOUNT	DATE
<b>Bicycle and Pedestrian Projects</b>										
MEMPHIS	2006-04	HPP-9409(103)		Biomedical District Sidewalk and Streetscape Improvements in Memphis	Bike Ped	HPP	CONST	\$246,394.00	\$1,000,000.00	9/4/07
							<b>Total</b>	<b>\$246,394.00</b>	<b>\$1,000,000.00</b>	
<b>ITS Projects</b>										
MEMPHIS	NHS2002-03a	IME-098-4(7)		Memphis ITS System	ITS	IM	UTL	\$90,000.00	\$90,000.00	11/20/06
				West Street @ Poplar Pike & North Street in Germantown	ITS	CMAQ	CONST	(\$123,909.57)	\$75,000.00	12/29/06
GERMANTOWN	2002-04	CM-STP-9409(68)			ITS	CMAQ	CONST	\$2,400,000.00	\$2,400,000.00	3/27/07
SHELBY	2002-09	CM-NHE-7900(28)		Shelby County Congestion Management Program	ITS	CMAQ	CONST			
				Memphis Regional Transportation Management Center (RTMC) - Memphis ITS	ITS	IM	UTL / OPER	\$3,150,000.00	\$3,150,000.00	4/13/07
MEMPHIS	NHS2002-03b	IM-098-4(10)		Yale Rd @ Memphis-Arlington Rd/sycamore View Rd in Bartlett	ITS	CMAQ	CONST	\$100,000.00	\$100,000.00	7/2/07
BARTLETT	2002-06	CM-STP-4458(3)			ITS	CMAQ	PE / ADMIN	\$34,800.00	\$191,000.00	7/23/07
MEMPHIS	2006-05	CM-STP-9409(100)		Deploy Traffic Signal Systems - Year 4	ITS	CMAQ	CONST	\$5,348,000.00	\$5,348,000.00	7/25/07
MEMPHIS	2004-01	CM-STP-9409(59)		Deploy Traffic Signal Systems - Year 3	ITS	CMAQ	CONST	\$10,998,890.43	\$11,354,000.00	
							<b>Total</b>	<b>\$10,998,890.43</b>	<b>\$11,354,000.00</b>	
<b>Rideshare Projects</b>										
SHELBY	2006-04	CM-STP-9409(66)		1999 Memphis Area Rideshare	Rideshare	CMAQ	OPER	(\$725.86)	\$200,000.00	4/5/07
				Memphis Area Vanpool, Commuter Club and Entrepreneurial Service	Rideshare	CMAQ	OPER	(\$34.84)	\$200,000.00	4/10/07
SHELBY	2006-04	CM-STP-9409(65)			Rideshare	CMAQ	OPER	\$2,300,000.00	\$2,300,000.00	6/7/07
SHELBY	2002-15	CM/STP-9409(89)		Memphis Area Rideshare Program FY 2004-2006	Rideshare	CMAQ	OPER	\$2,299,239.28	\$2,700,000.00	
							<b>Total</b>	<b>\$2,299,239.28</b>	<b>\$2,700,000.00</b>	
<b>Other Projects</b>										
U OF M	2006-03	HPP-9409(101)		Center for Advanced Intermodal Technologies at University of Memphis	Research	HPP	IMP	\$2,638,472.00	\$2,717,248.00	7/27/07
SCS	2006-07	CM-9409(102)		Bus Retrofit for Shelby County Schools	Air Quality	CMAQ	IMP	\$320,000.00	\$320,000.00	8/14/07
HORN LAKE		105184		Urban Youth Corps Project	Beautification	ENH	IMP	\$28,394.00	\$28,394.00	5/22/07
							<b>Total</b>	<b>\$2,986,866.00</b>	<b>\$3,065,642.00</b>	

Grey highlighted projects contain a bicycle or pedestrian component as part of the project

## V. APPENDIX A - EXPLANATION OF FUNDING SOURCES

### FUNDING SOURCES

This section provides the reader with a short description of the different funding sources referenced in the 2007 list of federally obligated projects.

#### **FEDERAL HIGHWAY ADMINISTRATION (FHWA) FUNDS:**

##### **Surface Transportation Program (STP):**

This flexible funding source can be used for a broad range of improvements, similar to NHS funds. However, STP funds may be used to improve the design or operation of any road which is which is designated as an urban collector or higher on the State Functional Classification System. STP funds can also be used to fund alternative modes of transportation including transit capital projects and transit facilities. SSTP refers to projects programmed by one of the state agencies using the state's allocation of STP funds. LSTP refers to projects utilizing STP funds that are designated specifically for the local area. CSTP refers to funds that are used for road projects which are classified as a Rural Major Collector or above, or on a Local Road or Rural Minor Collector. Any jurisdiction receiving STP funds must provide a match of at least 20 percent of the total project cost. There are also STP funds available to designated municipalities with populations greater than 5,000 persons that are not in an urban area.

##### **Interstate Maintenance (IM):**

The Interstate Maintenance (IM) program provides funding for resurfacing, restoring, rehabilitating and reconstructing (4R) most routes on the Interstate System.

##### **Congestion Mitigation Air Quality (CMAQ):**

This funding program directs funding to projects and programs which reduce transportation emissions in air quality non-attainment or maintenance areas as determined by the Environmental Protection Agency. These funds are allocated to the state and to the local jurisdictions. Certain CMAQ projects are eligible for funding with 100 percent Federal funds. They include traffic control signalization projects, commuter carpooling and vanpooling activities or installation of traffic signs, traffic lights or priority control systems for emergency vehicles or transit vehicles at signalized intersections. State and local matches are required if CMAQ funds are used for mass transit projects or other air quality activities

#### **FEDERAL TRANSIT AUTHORITY (FTA) FUNDS:**

##### **Section 5307 Urbanized Area Formula Program:**

These funds can be used for the following: 1) planning, engineering design and evaluation of transit projects and other technical transportation-related studies; 2) capital investments in bus and bus-related activities such as replacement of buses, overhaul of buses, rebuilding of buses, crime prevention and security equipment and construction of maintenance and passenger facilities; and 3) capital investments in new and existing fixed guideway systems including rolling stock, overhaul and rebuilding of vehicles, track, signals, communications, and computer hardware and software

##### **Section 5309 Fixed Guideway (FG):**

These can be used for capital purposes on fixed guideway transit services such as rail, ferry, cable cars, and buses operating in exclusive rights of way. MATA determines how these funds are programmed. These funds also require 20% match which are typically divided between state and local government, with each contributing 10%.



## V. APPENDIX A - EXPLANATION OF FUNDING SOURCES

### **Section 5316 Job Access and Reverse Commute (JARC):**

These funds are directed to services that provide transportation to low income individuals. These funds also require 20% match which are typically divided between state and local government, with each contributing 10%.

### **Section 5317 New Freedom Program:**

These funds are directed to elderly and disabled transportation services that go beyond those required by the Americans with Disabilities Act (ADA) . These funds also require 20% match which are typically divided between state and local government, with each contributing 10%.

### **OTHER FUNDING SOURCES:**

#### **High Priority Project (HPP):**

Projects using these funds are earmarked by the U.S. Congress as high priorities, at the federal level during the Congressional appropriations and re-authorization process. This amounts to roughly 5% of the total transportation budget.

#### **Enhancement Grant (ENH):**

Specific activities which can be funded with Surface Transportation Program (STP) funds; activities include pedestrian/bicycle facilities, acquisition of scenic easements and scenic historic sites, scenic or historic highway programs, scenic beautification, historic preservation, rehabilitation/operation of historic transportation structures, railway corridor preservation, control/removal of outdoor advertising, archeological planning/research and mitigation of highway runoff water pollution.