U nified P lanning W ork P rogram

of Transportation Planning Activities for the Coastal Region Metropolitan Planning Organization (CORE MPO)

Fiscal Year 2015 July 1, 2014 - June 30, 2015

Adopted: April 23, 2014 June 25, 2014 Amended:

August 27, 2014

Administratively Modified: April 24, 2015

Administered by the Chatham County-Savannah Metropolitan Planning Commission in cooperation with the Georgia Department of Transportation



COASTAL REGION METROPOLITAN PLANNING ORGANIZATION

UNIFIED PLANNING WORK PROGRAM

FISCAL YEAR 2015

(July 1, 2014 - June 30, 2015)

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RESOLUTION

COASTAL REGION METROPOLITAN PLANNING ORGANIZATION

ADOPTION OF CORE MPO FY 2015 UNIFIED PLANNING WORK PROGRAM

WHEREAS, in accordance with the joint Federal Transit Administration - Federal Highway Administration regulations on urban transportation planning (23 CFR Parts 420 and 450, and 49 CFR Part 613), a Unified Planning Work Program is required to be developed; and

WHEREAS, the Coastal Region Metropolitan Planning Organization has been designated by the Governor of Georgia as the Metropolitan Planning Organization for the Savannah urbanized area; and

WHEREAS, the Coastal Region Metropolitan Planning Organization, in accordance with Federal requirements for a Unified Planning Work Program, and in cooperation with area planning, implementation, and operating transportation agencies, has developed a total transportation planning program for the Savannah urbanized area for the upcoming fiscal year which is specific by planning element and costs, and which combines all applicable funding sources; and

WHEREAS, the Unified Planning Work Program is consistent with all plans, goals, and objectives of the Coastal Region Metropolitan Planning Organization; and

WHEREAS, the Unified Planning Work Program was initially adopted at a meeting held on April 23, 2014 and subsequently amended on June 25, 2014 and August 27, 2014;

NOW, THEREFORE BE IT RESOLVED, that the Coastal Region Metropolitan Planning Organization adopts the Coastal Region Metropolitan Planning Organization FY 2015 Unified Planning Work Program as its official program of transportation planning activities for the period from July 1, 2014 to June 30, 2015.

CERTIFICATION

I hereby certify that the above is a true and correct copy of a Resolution adopted by the Coastal Region Metropolitan Planning Organization at a meeting held on August 27, 2014.

Albert J. Scott, Chairman Coastal Region Metropolitan Planning Organization

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Introduction

This FY 2015 Unified Planning Work Program (UPWP) for the Coastal Region Metropolitan Planning Organization (CORE MPO) describes the transportation planning activities to be performed from July 1, 2014 to June 30, 2015 with funds provided under Title 23 USC and the Federal Transit Act. CORE MPO (formerly called Chatham Urban Transportation Study/Metropolitan Planning Organization [CUTS/MPO]) is the designated Metropolitan Planning Organization (MPO) for the Savannah Urbanized Area and all of Chatham County. The MPO is the organization designated by the governor to administer the federally-required transportation planning process in an urbanized area with a population over 50,000.

Development of the UPWP is carried out by the CORE MPO staff. The review and adoption process follows the CORE MPO Board and advisory committee process, and includes a minimum of four public meetings with opportunity for comment and response to all comments.

The program has been organized into four major elements and then subdivided into specific tasks under each major element. The four major program categories are as follows:

- I. Administration
- II. Public Involvement
- III. Data Collection
- IV. Systems Planning

This UPWP will guide transportation planning activities toward the adopted goals and objectives of CORE MPO. These goals and objectives, along with other components of the transportation planning process which include study organization/management, responsibilities, study agreements, major transportation issues and status of planning activities, are contained in the Memorandum of Understanding (MOU) (August 1996).

This program continues the transportation planning process for Chatham County including the process of expanding the CORE MPO Metropolitan Planning Area (MPA) into Bryan and Effingham Counties through a process known as reapportionment. Under federal law, MPOs are required to reevaluate their MPA boundaries after each decennial census to ensure that the MPA includes the current census defined urbanized area and the area expected to become urbanized in the next 20 years. CORE MPO began coordinating with representatives from Bryan and Effingham Counties in FY 2013 to determine logical MPA boundaries and representation. This effort is expected to continue into FY 2015 and will ultimately result in an updated MOU, Bylaws, Long Range Transportation Plan (LRTP) and Transportation Improvement Program (TIP).

The UPWP lists proposed funding sources for each project as well as the agencies that participate in these projects. The Chatham County-Savannah Metropolitan Planning Commission (MPC) Transportation Department staff serves as staff to CORE MPO and receives federal funding for both highway and transit planning. The Georgia Department of Transportation (GDOT) is an active participant in the transportation planning process, and also receives federal funding for planning. The Chatham Area Transit Authority (CAT) and

the MPC, through an ongoing annual agreement, collaborate on defining and programming transit planning projects for listing in the UPWP. The Federal Highway Administration (FHWA), Federal Transit Administration (FTA) as well as other local agencies in Chatham County participate in the process as well.

The overall planning program is designed to comply with the requirements of the U.S. Department of Transportation Moving Ahead for Progress in the 21st Century (MAP-21) which was signed into law on July 6, 2012.

MAP-21 preserves ISTEA's, TEA-21's and SAFETEA-LU's emphasis on the local transportation planning process and adds new requirements for specific performance measures and targets. Unlike TEA-21 and SAFETEA-LU, MAP-21 is a two year bill which provides decreased funding levels for the work program.

TASK # 1 Administration

Sub-element 1.1 Program Coordination

<u>Objective:</u> Coordinate the activities of the MPO with other MPOs, MPC, City of Savannah, Chatham County, CAT, GPA, GDOT, SRTA, CRC, ITE and other transportation stakeholders.

Previous Work: This is a continuing annual activity. In FY 2014, the CORE MPO staff participated in the Association of Metropolitan Planning Organizations (AMPO), AMPO Policy Committee, AMPO Technical Committee and Georgia Association of Metropolitan Planning Organizations (GAMPO). CORE MPO staff collaborated with Bryan County, Richmond Hill and Effingham County staff, as well as Chatham County and its municipalities to plan for the expansion of the Metropolitan Planning Area (MPA) boundary. Provided the necessary consultation, analysis and staff support to conduct the federally mandated metropolitan transportation planning process, and coordinated the transportation planning process and products with the efforts of other MPOs, the Metropolitan Planning Commission, Georgia Department of Transportation, Chatham County and its municipalities, Chatham Area Transit, Georgia Ports Authority, State Road and Toll Authority, Coastal Regional Commission, Effingham County, Bryan County and other government jurisdictions in the region.

<u>Project Description:</u> The CORE MPO staff attends various meetings and carries out routine coordination activities with federal, state and local planning partners and various related agencies. Ad hoc committees may also be formed as needed to examine specific technical issues and to serve as a liason to the standing MPO committees regarding key recommendations and decisions.

Provide the necessary consultation, analysis and staff support to conduct the federally mandated metropolitan transportation planning process, and to coordinate the transportation planning process and products with the efforts of other MPOs, the Metropolitan Planning Commission, Georgia Department of Transportation, Chatham County and its municipalities, Chatham Area Transit, Georgia Ports Authority, State Road and Toll Authority, Coastal Regional Commission, Effingham County, Bryan County and other government jurisdictions in the region. Carry out the necessary consultation with representatives of Chatham, Bryan and Effingham Counties as required by the reapportionment process to expand the Metropolitan Planning Area (MPA) to include appropriate urbanized and urbanizing areas of the three counties. Prepare for and attend transportation related meetings, as well as interstaff and interagency coordination meetings that may be required, including meetings with city, county, GDOT, FHWA, FTA. Prepare for and attend annual and semi-annual meetings of professional societies concerned with Metropolitan Transportation Planning issues, including the Association of Metropolitan Planning Organizations (AMPO), AMPO Policy Committee, AMPO Technical Committee, Georgia Association of Metropolitan Planning Organizations (GAMPO) and others, including travel costs.

<u>Product:</u> Routine study correspondence, memoranda, presentations, policy recommendations, etc. Revised Memorandum of Understanding for the MPO.

TASK # 1 Administration

Sub-element 1.1 Program Coordination

Transportation Planning Related Activities		
Organization	Activities	
GDOT	Quarterly Pre-Construction Meetings	
GDOT, Chatham County	Project Concept Meetings	
GAMPO	Semi-annual Work Sessions	
AMPO	Annual Conferences, Working Group Meetings	
ITE	Technical Meetings	

Target S	tart and End	July 1, 2014 –	Lead Agency	MPC
	Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$32,000.00
GDOT PL Match	\$0.00
Local PL Match	\$8,000.00
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
TOTAL FUNDS	\$40,000.00

TASK # 1 Administration

Sub-element 1.2 Operations and Administration

<u>Objective:</u> Manage the CORE MPO work program, maintain study records, document meetings and undertake general administrative activities.

Previous Work: This is a continuing annual activity.

<u>Project Description:</u> Provide staff support for and host all MPO meetings, including agendas, minutes, mailings, presentations and staff reports. Committees staffed include the CORE Board (MPO), Technical Coordinating Committee (TCC), Citizens Advisory Committee (CAC), Advisory Committee on Accessible Transportation (ACAT) and Transportation Staff (a subcommittee of the TCC). Additional committees may be added pending the outcomes of reapportionment. Ad hoc committees may also be staffed.

<u>Product:</u> Meeting agendas, minutes and mailings. Presentations and staff reports. Study files and records.

Transportation Planning Related Activities		
Organization	Activities	
MPC	MPO and Advisory Committee Meetings, Agendas, Minutes, Mailings, Presentations, Staff Reports.	

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$80,000.00
GDOT PL Match	\$0.00
Local PL Match	\$20,000.00
FTA Section 5303	\$12,000.00
GDOT 5303 Match	\$1,500.00
LOCAL 5303 Match	\$1,500.00
TOTAL FUNDS	\$115,000.00

TASK # 1 Administration

Sub-element 1.3 Training and Professional Development to Enhance the Technical Capacity of Planning Processes

<u>Objective</u>: Maintain professional competency in transportation planning and traffic analysis methods and procedures, and enhance the technical capacity of the planning process.

<u>Previous Work:</u> MPO staff actively participates in Transportation Research Board (TRB), Institute of Transportation Engineers (ITE), Association of Metropolitan Planning Organizations (AMPO), Georgia Association of Metropolitan Planning Associations (GAMPO), American Planning Association (APA), including conferences, annual meetings and working committee/subcommittee meetings.

In FY 2014, CORE MPO staff participated in the TRB Annual Meeting and ADA20 Metropolitan Policy, Planning, and Processes Committee, the AMPO Annual Meeting and mid-year Policy Committee and Technical Committee meetings, as well as local American Society of Civil Engineers (ASCE) Chapter meetings. CORE MPO staff will attend and participate in these same events in FY 2015.

<u>Project Description:</u> Enhancing the technical capacity of the planning process was an FTA/FHWA planning emphasis area for FY 2005. This task covers registration costs and travel expenses to attend transportation related meetings, seminars, conferences, webinars, training and workshops including TRB, ITE, AMPO, APA, GPA, ASCE and others which enhance the technical capacity of the planning process. Includes both in-state and out of state travel.

This funding is to be used to cover any and all federally eligible expenses of MPO staff to attend the Transportation Research Board (TRB) annual and mid-year meetings and committee meetings, the Institute of Transportation Engineers (ITE) annual and summer meetings and chapter luncheons, Association of Metropolitan Planning Organizations (AMPO) annual meeting, AMPO Policy and Technical Committee Meetings, AMPO working group meetings, Georgia Association of Metropolitan Planning Associations (GAMPO) annual, mid-year and ad-hoc meetings, American Planning Association (APA) annual conference/meeting and FHWA sponsored AICP credit training, APA Georgia Section Spring and Fall Conferences. In addition, this work task covers expenses for MPO staff to attend and participate in any training, workshops, committees or subcommittees relevant to Metropolitan Transportation Planning provided by qualified sponsors such as, but not limited to, FHWA, FTA, GDOT, Other State DOTs, other MPOs NHI, NTI, TTI, ITRE, NaCO, NADO, NARC, RDC, Citilabs, Trafficware and others.

This is a continuing annual activity which includes both staff time and travel expenses to participate in the aforementioned activities.

<u>Product:</u> Travel documentation and trip reports, training materials, etc.

TASK # 1 Administration

Sub-element 1.3 Training and Professional Development to Enhance the Technical Capacity of Planning Processes

Transportation Planning Related Activities			
Organization	Activities		

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$20,000.00
GDOT PL Match	\$0.00
Local PL Match	\$5,000.00
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
TOTAL FUNDS	\$25,000.00

TASK # 1 Administration

Sub-element 1.4 Equipment and Supplies

<u>Objective</u>: Purchase and maintain specialized computer hardware, software and other supplies to support the transportation planning functions of the MPO.

<u>Previous Work:</u> In 2014 and 2013, the CORE MPO staff maintained existing software licenses and technical manuals related to transportation. Since 2012, the MPO has purchased major updates to Synchro and Simtraffic, and continued to maintain current software licenses. Updated versions of the Highway Capacity Manual, AASHTO Green Book and ITE Trip Generation Manual have also been purchased.

<u>Project Description:</u> Maintain current licenses in Arc GIS, Arc View, TP+, Viper, CUBE, AutoCAD, TSIS, Synchro and other transportation related software packages as needed. Purchase new technical manuals and computer equipment for use by MPO staff as needed.

<u>Product</u>: Computer software and hardware, technical manuals, purchase records.

Transportation Planning Related Activities				
Organization	Activities			

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$8,000.00
GDOT PL Match	\$0.00
Local PL Match	\$2,000.00
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
TOTAL FUNDS	\$10,000.00

TASK # 1 Administration

Sub-element 1.5 Contracts and Grants

<u>Objective</u>: Provide adequate administrative support to prepare, process and track annual and quarterly grant documentation in support of the MPO's operating budget. Assist the state in the preparation of the Metropolitan Planning Services Contract and Section 5303 Transit Planning Contracts, and M230 funded Strategic Planning Studies contracts. Actively pursue and administer other grants for transportation planning as they become available. Develop grant planning schedule based upon GDOT, FHWA and FTA administrative schedule requirements.

Previous Work: This is a continuing annual activity.

<u>Project Description:</u> Prepare proper study documentation for grant reimbursement including development of Annual and Quarterly Progress Reports.

Product: Routine annual and quarterly progress reports and reimbursement requests.

Transportation Planning Related Activities		
Organization	Activities	
CAT	Section 5303 Documentation	

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount	
FHWA PL	\$26,000.00	
GDOT PL Match	\$0.00	
Local PL Match	\$6,500.00	
FTA Section 5303	\$1,600.00	
GDOT 5303 Match	\$200.00	
LOCAL 5303 Match	\$200.00	
TOTAL FUNDS	\$34,500.00	

TASK # 1 Administration

Sub-element 1.6 Unified Planning Work Program

Objective: Prepare the FY 2016 Unified Planning (MPO staff) Work Program.

<u>Previous Work:</u> This is an annual activity. The FY 2015 Unified Planning Work Program was prepared in FY 2014.

<u>Project Description:</u> CORE MPO staff will identify priority transportation planning work tasks, prepare descriptive narrative for each work task as well as cost estimates, develop project schedules based upon timelines for key planning deliverables, coordinate input from other agencies and prepare the FY 2016 Unified Planning Work Program. MPC will also maintain the FY 2015 UPWP and prepare budget adjustments and amendments as necessary.

GDOT will assist in the preparation of the FY 2016 Unified Planning Work Program, provide timely financial projections, prepare the Section 112 Metropolitan Services Contract for FY 2016, and review work accomplished quarterly on the FY 2015 PL Contract to authorize the appropriate payment.

<u>Product:</u> FY 2016 UPWP published on CORE MPO website and in print upon request. Budget adjustments and amendments as required.

Transportation Planning Related Activities		
Organization Activities		

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount	
FHWA PL	\$14,400.00	
GDOT PL Match	\$0.00	
Local PL Match	\$3,600.00	
FTA Section 5303	\$2,000.00	
GDOT 5303 Match	\$250.00	
LOCAL 5303 Match	\$250.00	
TOTAL FUNDS	\$20,500.00	

TASK # 2 Public Involvement

Sub-element 2.1 Community Outreach and Education

Objective: Continue to facilitate the two-way exchange of information between CORE MPO and the general public on transportation matters as outlined in the adopted CORE MPO Participation Plan. Maintain the CORE MPO website. Make available transportation planning data and information for the general public; provide data and analysis on request to local government agencies; meet with community groups and individuals on request; prepare newsletters, flyers and newspaper inserts for free distribution and web posting.

<u>Previous Work:</u> This is an ongoing annual activity. In FY 2014, CORE MPO staff hosted public outreach meetings on major corridor studies including SR 204, SR 21 and US 80, as well as major TIP and Long Range Transportation Plan amendments in addition to staffing the Citizen's Advisory Committee and the Advisory Committee on Accessible Transportation. CORE MPO staff continued to maintain neighborhood and media contact information. The MPO website, <u>corempo.org</u>, is continually updated to provide the most current planning documents and meeting materials.

<u>Project Description:</u> Provide the interface between the metropolitan transportation planning process and the local community as stated in the CORE MPO Participation Plan.* This includes 1) raising Chatham County's citizens' level of understanding of the CORE MPO transportation planning process and 2) ensuring that the citizens of Chatham County have been provided with adequate, appropriate and meaningful opportunities to participate in the decision-making process.

Provide transportation-related data and analyses at the request of local government agencies, developers and the general public. Meet with community groups and individuals as well as the media to provide information on the current CORE MPO planning program, identified transportation deficiencies and specific project details and to discuss community issues and concerns related to transportation. Participate in public information meetings on transportation projects.

Continue to maintain and update the MPO website with the latest planning documents and meeting materials. Develop and publish newsletters and newspaper inserts to document the status of transportation planning and implementation in Chatham County as well as other public information materials, such as brochures, newsletters, flyers, and media kits, etc. as needed. Promote and protect the new MPO name and mark to enhance public understanding of the MPO and its purpose.

*Note that major planning initiatives such as the Long Range Transportation Plan Update, Corridor and Sector Studies and the like will typically include an extensive public participation effort that is often separate from this task.

Maintain and periodically update the Participation Plan. Evaluate the effectiveness of the Participation Plan periodically and document the associated results in the Participation Plan.

Depending upon the nature, complexity, and desired deadlines, consultants may be contracted when necessary.

TASK # 2 Public Involvement

Sub-element 2.1 Community Outreach and Education

<u>Product:</u> Public information reports ranging from brief position papers to lengthy study documentation for more complex projects. Printed copies of CORE MPO Participation Plan, newsletters and flyers along with other public information materials. Project files and documents, and presentation materials.

Transportation Planning Related Activities		
Organization Activities		

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$16,000.00
GDOT PL Match	\$0.00
Local PL Match	\$4,000.00
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
TOTAL FUNDS	\$20,000.00

TASK # 2 Public Involvement

Sub-element 2.2 Environmental Justice / Title VI / Anti-Poverty Transportation Planning

<u>Objective</u>: Environmental Justice is an integral aspect of all interactions between the CORE MPO and the public. This task will include work efforts which help ensure the full and fair participation by all potentially affected communities in the transportation decision-making process and prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority and low-income populations.

This program element builds upon the previous work of the Advisory Committee on Accessible Transportation (ACAT) to encourage representation of these traditionally underserved communities in the Metropolitan Planning Area (MPA) (those communities with high concentrations of minority, low-income, disabled or elderly populations) and their involvement in the CORE MPO transportation planning process.

To provide further detailing of the Paratransit Plan; to provide assistance in the implementation of the recommendations; to monitor CAT and TELERIDE operations to identify needed refinements.

<u>Previous Work:</u> In 2014, the CORE MPO staff continued to support the ACAT Committee, and ACAT continued to provide advice and recommendations regarding transportation planning for the transportation disadvantaged.

<u>Project Description:</u> This task was specifically called out as a separate work task by FHWA and Georgia MPO staffs during the development of the Georgia/FHWA UPWP template in 2003. MPC staff will identify and involve traditionally underserved communities in Chatham County in the CORE MPO transportation planning process as identified in the MPO Participation Plan, through the use of analytical techniques and public involvement. This includes using Geographic Information Systems (GIS) mapping to locate these populations within the Savannah Urbanized area and to assess the benefits and burdens of existing and planned transportation system investments on these identified target populations. Undertake significant steps, through the increased involvement of ACAT, to publicize these efforts and involve the public. Also ensure that these communities are represented as members of ACAT.

MPC staff will provide staff support in the continuing functioning of ACAT. Arrange for ACAT meetings; prepare and distribute meeting agendas and minutes.

CAT staff will participate in the ACAT meetings and will monitor the operations of TELERIDE services and develop recommendations for modifications where appropriate. Provide detailed planning and updating to allow for the implementation of the recommendations in the Paratransit Plans.

TELERIDE staff will participate in the ACAT meetings and furnish information pertaining to the operations of the TELERIDE Service.

TASK # 2 Public Involvement

Sub-element 2.2 Environmental Justice / Title VI / Anti-Poverty Transportation Planning

MPC staff will also maintain the EJ Plan. As part of the EJ plan, the MPC staff will develop a Limit English Proficiency (LEP) Plan. This is a requirement when a target population reaches 5% of the total population, which occurred in the 2010 Census. MPC staff will also continue to evaluate the LRTP, TIP, and other programs and plans for EJ compliance, and continue to pursue partnerships with service and non-profit groups that could assist the MPO to engage minority and low income persons both through ACAT and other forms of outreach.

<u>Product:</u> ACAT meeting agendas and minutes, GIS analysis; TELERIDE ridership tables and graphs, occasional memorandums and recommendations.

An EJ Plan with a LEP component.

Transportation Planning Related Activities		
Organization Activities		
CAT	Staff support for ACAT	

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount	
FHWA PL	\$0.00	
GDOT PL Match	\$0.00	
Local PL Match	\$0.00	
FTA Section 5303	\$17,600.00	
GDOT 5303 Match	\$2,200.00	
LOCAL 5303 Match	\$2,200.00	
TOTAL FUNDS	\$22,000.00	

TASK # 3 Data Collection

Sub-element 3.2 Traffic Impact Analysis

<u>Objective</u>: Analyze the travel demand impacts of major development proposals in order to document transportation needs, identify appropriate mitigation and facilitate developer participation in the costs of improvements.

<u>Previous Work:</u> This is an ongoing annual activity. Throughout each year, CORE MPO staff reviews the transportation impacts of development proposals on an ongoing basis and coordinates findings with the Development Services staff, Chatham County, municipalities and the MPC Board. A unified traffic impact analysis methodology has been developed and is currently being integrated into the New Zoning Ordinances (NewZO) (formerly the Unified Zoning Ordinance (UZO)) which is a multiyear effort under ongoing development.

<u>Project Description:</u> This is an ongoing activity to coordinate the land use planning activities of the MPC with the comprehensive transportation planning activities of the MPO. This project is intended to provide the MPC with feedback on the transportation impacts of development proposals, and ensure that the land use decisions of the MPC are fully integrated into the MPO's transportation plans and programs.

CORE MPO staff will assist with review of site plans, Developments of Regional Impact (DRIs) and traffic studies in conjunction with the development review process initiated by the MPC and CRC.

<u>Product:</u> Traffic studies, reports and review comments based on current development proposals.

Transportation Planning Related Activities		
Organization Activities		
City of Savannah	Site Plan Review	
Chatham County	Site Plan Review	

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$10,000.00
GDOT PL Match	\$0.00
Local PL Match	\$2,500.00
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
TOTAL FUNDS	\$12,500.00

TASK # 3 Data Collection

Sub-element 3.6 Bicycle and Pedestrian Demand

<u>Objective</u>: To obtain information on current levels of observed bicycle and pedestrian demand for use in short range and long range planning activities, such as needs analysis, prioritization, and performance measurement.

<u>Previous Work:</u> This was a new sub-element under Data Collection in FY 2010. MPO staff and agency volunteers collected pedestrian and bicycle counts at selected locations within Chatham County between FY 2012 and 2014, contributing to the National Documentation Project.

<u>Project Description:</u> MPO staff will manage the collection of pedestrian and bicycle counts at several locations within the planning area, as part of the National Documentation Project. Activity also includes documentation of routes regularly used by bicycle touring clubs in the area.

Product: Counts, reports, and maps.

Transportation Planning Related Activities		
Organization Activities		
MPC		Select count locations
MPC Prepare count forms		Prepare count forms
MPC Obtain and train assistants		Obtain and train assistants for counting
MPC Research regular bicycle touring club routes		
MPC		Submit data and compile reports and/or maps

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$9,600.00
GDOT PL Match	\$0.00
Local PL Match	\$2,400.00
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
TOTAL FUNDS	\$12,000.00

TASK # 4 Systems Planning

Sub-element 4.2 Transit / Paratransit Planning

<u>Objective</u>: Provide transit planning assistance and related project development activities to support the improvement of public transit services in Savannah-Chatham County.

<u>Previous Work:</u> This is a continuing planning activity. In 2013, CORE MPO initiated a park and ride study. In 2012, the CORE MPO completed the Transit Mobility Vision Plan

<u>Project Description:</u> Provide general planning services and assist Chatham Area Transit (CAT) on various planning studies. The CORE MPO will take the short term recommendations from the Transit Mobility Vision Plan to the next step with a goal of eventual implementation. Other short-range transit projects that may be conducted in this task include:

- To conduct a park and ride lot study in cooperation with CAT (ongoing)
- Assist CAT with an Alternative Transit Modes Study
- Promote new transit oriented development
- Identify new sources of transit funding
- Carry out strategic transit planning initiatives as identified in the 2013 CAT TDP
- Assist CAT and Mobility Management Board with short range transit projects as needed

In FY 2015, CORE MPO will assist CAT with two new studies: the Regional Mobility Management Program study and the Service Tactical Optimization Process Route Level Profile Analysis, Monitoring and Response study.

The Regional Mobility Management Program will evaluate CAT's existing "family of services" to identify opportunities to provide and/or coordinate a Regional Commuter Services Program (CSP) that better meets the needs of the varied markets in the region including but not limited to: existing and emerging employment centers, educational institutions, economic development interests, and inter-county commuters.

Typically, Commuter Services Programs offer and/or promote the following elements:

- A. Employer outreach and site assessments
- B. Commuter Benefits tax assistance
- C. Computerized ridematching services
- D. Guaranteed Ride Home
- E. Universal access programs
- F. Vanpool services (capital, operating assistance/subsidies)
- G. Promotional and educational materials

The Service Tactical Optimization Process Route Level Profile Analysis, Monitoring and Response study will help Chatham Area Transit monitor service delivery and develop process for using relevant data to assess efficiency and effectiveness that will provide a valuable means of making decisions

that optimize the use of resources and pinpoint outreach activities such as operational modifications, direct marketing and neighborhood level partnerships.

In the spring of 2014, CAT will implement a fully integrated suite of ITS technologies designed to bring together Automatic Vehicle Location (AVL), GFI farebox, Automatic Passenger Counter (APC), radio communications, touchscreen data terminals, passenger information systems, video surveillance, and "Next Stop" on-board signage. Once functional, these ITS improvements will provide CAT with new tools to evaluate, analyze and monitor service over time, at the system level, the route level, and corridor levels.

The scope of services for this work will establish a Service Tactical Optimization Process (STOP) for CAT to more effectively deploy existing resources and prioritize service investments.

The CORE MPO will also coordinate and assist CAT with technical support such as mapping, analysis, and other various projects related to the transit system and new transit services in the Savannah area.

Depending upon the nature, complexity, and desired deadlines, consultants may be contracted when necessary.

<u>Product:</u> Analysis, mapping, presentation materials and memorandum reports, as required.

Transport	ation Planning Related Activities
Organization	Activities
CAT	Service Expansion, Including West Chatham
CAT	TDP Implementation
CAT	Ferries and Dockside Facilities
CAT	Passenger Amenities

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount	
FHWA PL	\$0.00	
GDOT PL Match	\$0.00	
Local PL Match	\$0.00	
FHWA M230	\$65,777.78	
Local M230 Match	\$16,444.44	
FTA Section 5303	\$28,000.00	
GDOT 5303 Match	\$3,500.00	
LOCAL 5303 Match	\$3,500.00	
TOTAL FUNDS	\$117,222.22	

TASK # 4 Systems Planning Sub-element 4.5 Road Diet Feasibility Study

<u>Objective</u>: To accelerate the implementation of bicycle facilities and reduce the negative impacts to adjacent properties by maximizing the utilization of existing pavement for all users. The Road Diet Feasibility Study will advance lower cost solutions for bicycle connectivity which minimize or eliminate costly construction or right-of-way impacts.

Previous Work: This is a new project for FY 2015

<u>Project Description:</u> While the CORE MPO set aside a substantial fund for non-motorized transportation projects in the CORE Connections 2035 LRTP, many local bikeway and multi-use path projects have remained stalled in the preliminary engineering phase due to citizen concerns or other unresolved issues.

CORE MPO staff will work consultants to identify low cost, short term solutions which can take place within existing pavement widths. One or more corridors identified in the forthcoming CORE MPO Non-Motorized Transportation Plan will be examined to determine whether or not existing and forecast motor vehicle traffic volumes can be accommodated with a reduced the number of motor vehicle lanes thereby improving bicycle connectivity and potentially realizing other benefits.

<u>Product:</u> Final report on feasibility of implementing a road diet on one or more priority corridors.

Transportation Planning Related Activities		
Organization Activities		

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$0.00
GDOT PL Match	\$0.00
Local PL Match	\$0.00
FHWA M230	\$32,000.00
Local M230 Match	\$8,000.00
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
TOTAL FUNDS	\$40,000.00

TASK # 4 Systems Planning

Sub-element 4.6 Model Development and Applications

<u>Objective</u>: Develop and apply CUBE, Synchro, CORSIM, and other models in the Long Range Transportation Plan update, the I-16 Flyover Removal Study and other transportation planning applications. Implement priority travel demand model improvements identified by consultants in 2013 to maintain currency with state of the practice, and support ongoing planning efforts of the CORE MPO.

<u>Previous Work:</u> In FY 2013, the CORE MPO completed a technical review of its current travel demand modeling practices as carried out in partnership with GDOT. This review prioritized a series of recommended improvements in response to current and foreseeable analytical demands.

Comprehensive updates of the MPO's travel demand model were completed in the Spring of 2014, and in 2008 and 2004, in support of the CORE MPO 2040 Total Mobility Plan and the 2035 and 2030 Long Range Transportation Plan Updates.

<u>Project Description:</u> MPO staff will work with GDOT and consultants to complete a full update of the MPO travel demand model in support of the Total Mobility Plan and emerging performance based planning requirements under MAP-21.

Priority improvements to the travel demand model identified by consultants in 2013 will be carried out on a priority basis subject to funding availability: transit analysis, freight analysis/mode, time of day analysis, model generated performance measures and toll analysis.

MPO staff will continue to provide traffic model data and expertise in support of LRTP and TIP amendments, development review, and strategic transportation studies. Socioeconomic forecasts and trip tables will continue to be updated based on new development activity as appropriate.

<u>Product:</u> Enhanced computer models. Operational analyses and test results. Computer files, printouts and plots.

TASK # 4 Systems Planning
Sub-element 4.6 Model Development and Applications

Transportation Planning Related Activities		
Organization Activities		
GDOT	Travel Model Development	
Cambridge Systematics	GDOT Modeling Consultant	

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$6,000.00
GDOT PL Match	\$0.00
Local PL Match	\$1,500.00
FHWA M230	\$200,000.00
Local M230 Match	\$50,000.00
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
TOTAL FUNDS	\$257,500.00

TASK # 4 Systems Planning

Sub-element 4.11 Long Range Plan

<u>Objective:</u> Complete a comprehensive Long Range Transportation Plan (LRTP) update, the CORE MPO 2040 Total Mobility Plan. Continue to maintain the 2035 Framework LRTP and add other components such as the Transit Mobility Vision Plan, Non-Motorized Plan, and Streetcar Feasibility Study.

<u>Previous Work:</u> In 2009, the 2035 LRTP multi-modal Framework Plan was developed based on SAFETEA-LU requirements. It was adopted in FY 2010. Several components of the 2040 Total Mobility Plan, including the Transit Mobility Vision Plan, the SR 204 Corridor Study, the SR 21 Corridor Study and the US 80 Corridor Study have been completed since 2010. The Non-Motorized Transportation Plan and the Urban Circulator Feasibility Study were started in FY 2010 and FY 2014 respectively, and are expected to be completed in FY 2015.

GDOT staff will continue the activities necessary to assist MPO staff in maintaining the Long Range Transportation Plan including the preparation of project cost estimates and the travel demand model.

<u>Project Description:</u> Federal planning regulations require that MPO Long Range Transportation Plans be updated at least every five years, and that a twenty year planning horizon be attained. The 2040 LRTP is expected to be adopted by the CORE MPO in August 2014.

The 2040 Total Mobility Plan update is being accomplished in two phases: 1) A multi-modal Framework Plan which meets all federal requirements was adopted in September 2009; 2) The detailed Total Mobility Plan, is currently being developed to after adoption of the Framework Plan and build on the efforts and results of it.

In addition to accomplishing a full LRTP update and extension of the planning horizon year to 2040, activities in the multimodal 2040 Total Mobility Plan process will include the Transit Mobility Vision Plan, the Urban Circulator Feasibility Study, the Non-Motorized Plan, the Thoroughfare Plan and corridor studies.

Activities that will take place in development of the multimodal 2040 Total Mobility Plan will include the Transit Mobility Vision Plan, Urban Circulator Feasibility Study, Non-Motorized Plan, continued public participation, refinement of land use/transportation integration through analysis of future development scenarios, sector planning, and specific corridor planning. These elements will build on the Framework Plan and the recently undertaken planning studies, such as the Southwest Chatham Sector Plan, the President Street Plan, the Chatham County Interstate System Study, the SRTA Northwest Tollway Value Pricing Study, the Transportation Amenities Plan as well as the SR 21 Corridor Study, the SR 204 Corridor Study Phase II, and the US 80 Bridges Replacement Study (the three corridor studies). In addition the Transit Mobility Vision Plan will be taken a step further with a Transit Vision Implementation Plan which incorporates next steps and implementation strategies as identified by the Transit Mobility Vision Plan upon its completion.

Develop a project prioritization process to inform project selection for the LRTP and TIP.

Assist in evaluating alternate transportation projects proposed by the transportation committees, local officials and citizens, or GDOT officials.

Undertake work necessary to refine and incorporate the recommendations of special traffic studies into the 2040 LRTP.

TASK # 4 Systems Planning

Sub-Element 4.11 Long Range Plan

Prepare periodic updates to the 2040 LRTP financial plan and project cost estimates to assure the continued validity of the financial forecast and financial constraint analysis.

Depending upon the nature, complexity, and desired deadlines, consultants may be contracted when necessary.

Other activities that will occur in the long range planning for FY 2015:

- Strategic transit initiatives as identified in the 2013 CAT TDP
- Assistance to CAT and the Mobility Management Board with long range transit planning projects as needed
- Continued updates and refinements to project databases
- Continued pursuit of improved methods of disseminating project information to constituents and the public.

<u>Product:</u> Detailed 2040 Total Mobility Plan/LRTP in compliance with the most current MAP-21 requirements. Prioritized project listings, cost estimates and financial plan, traffic assignment loaded networks, plots and listings. Project cost estimates and specifications, occasional memorandums and reports.

Transportation Planning Related Activities		
Organization Activities		
GDOT	Assist in developing traffic projections, project cost estimates and financial analysis.	

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$35,000.00
GDOT PL Match	\$0.00
Local PL Match	\$8,750.00
FHWA M230	\$0.00
Local M230 Match	\$0.00
FTA Section 5303	\$37,551.00
GDOT 5303 Match	\$4,693.87
LOCAL 5303 Match	\$4,693.88
TOTAL FUNDS	\$90,688.75

TASK # 4 Systems Planning

Sub-element 4.12 Transportation Improvement Program

<u>Objective</u>: Develop the annual Transportation Improvement Program (TIP) update including the projects which are prioritized by the CORE MPO in the 2040 Long Range Transportation Plan for short term implementation.

<u>Previous Work:</u> The current FY 2013-2014 TIP was adopted in the August 2013 and modified and amended throughout the year as needed. This is an ongoing annual activity.

<u>Project Description:</u> MPO staff will develop the TIP and its annual element by programming those projects which were prioritized by the MPO for implementation in the 2040 Long Range Transportation Plan. Maintain the TIP throughout the year, review progress periodically, modify the program and update it as necessary to incorporate priority projects, to reflect changes in project cost, scope and schedule. Continue to update and refine project databases, and pursue improved methods of disseminating project information to constituents the public.

GDOT will assist in the preparation of the annual update of the TIP.

Other local agencies will assist in identifying projects and in developing information to support expenditures programmed in the TIP.

<u>Product:</u> Multiple copies of the published TIP, presentation materials and illustrations. TIP amendments as needed.

Transportation Planning Related Activities		
Organization Activities		
GDOT	Financial analysis, programming	

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		ļ

Funding Source	Amount	
FHWA PL	\$24,000.00	
GDOT PL Match	\$0.00	
Local PL Match	\$6,000.00	
FTA Section 5303	\$8,000.00	
GDOT 5303 Match	\$1,000.00	
LOCAL 5303 Match	\$1,000.00	
FHWA M230	\$20,000.00	
Local M230	\$5,000.00	
TOTAL FUNDS	\$65,000.00	

TASK # 4 Systems Planning

Sub-element 4.13 Strategic Transportation Studies

<u>Objective</u>: Conduct or participate in special strategic transportation studies on an as-needed basis in response to the needs of the MPO and its transportation stakeholders. Highway, transit, bicycle, and pedestrian modes are included.

<u>Previous Work:</u> Initiated the I-16 interchange Modification Report, Victory Drive Corridor Study and Park and Ride Study in FY 2014. Initiated the MPO Freight Plan in FY 2013. Completed the SR 21 Corridor Study, SR 204 Corridor Study in FY 2014. Completed the US 80 Bridges Study in FY 2013. Completed the Savannah Streetcar Study Parts One and Two and the Transit Mobility Vision Plan in 2012.

<u>Project Description:</u> Provide the necessary technical expertise, consultation, oversight and administrative services required to conduct special studies. Prepare detailed study documentation, technical memoranda and reports. Provide the staff support required for consultant selection and management, and review of deliverables.

The following studies were initiated during FY 2014 and are expected to continue into FY 2015:

- I-16 Interchange Modification Report (IMR)—Prepare an IMR to evaluate the feasibility of removing the current I-16 overpass and access ramps at MLK Jr., Blvd. and Montgomery St. and restoring the surface street network.
- Savannah Parking Study—A comprehensive parking study of parking conditions, needs and strategies in the downtown area.
- Victory Drive Corridor Study Phase One—Prepare a conditions assessment, corridor analysis, and character areas for the entire Victory Drive corridor. Prepare a detailed implementation plan for rehabilitation of one character area.
- Montgomery Street Two-Way Traffic Study—Study the feasibility of returning Montgomery St. to two-way traffic between Liberty St. and Broughton St. in support of the planned Cultural Arts Center.

The following new study will be initiated in FY 2015:

• Canal District Transportation Study –Assess transportation needs and strategies for the new arena and the surrounding Canal District.

In FY 2014, the following studies previously referenced in this section were moved to different subtasks:

- MPO Reapportionment (Task 1.1)
- Project Prioritization Process (Task 4.11)
- Travel Demand Model Technical Review and Improvements (Task 4.6)
- Streetcar Study Part 3 Urban Circulator Study (Task 4.11)

Participate in various strategic planning studies as appropriate, and assist in the project review process. Develop sector plans for other emerging high growth areas. Refine and expand upon the LRTP project prioritization process to develop a project prioritization process for the TIP.

Other Local Agencies - Assist in defining study issues and key concepts, and in providing necessary data.

Consultants: Depending upon the nature, complexity, and desired deadlines, consultants may be contracted when necessary. Consultant recruitment activities are a part of this task.

TASK # 4 Systems Planning

Sub-element 4.13 Strategic Transportation Studies

<u>Product:</u> Detailed study documentation, recommendations, technical memoranda and reports in support of local transportation and development policies, and the Long Range Transportation Plan.

Transportation Planning Related Activities		
Organization Activities		

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$94,434.78
GDOT PL Match	\$0.00
Local PL Match	\$23,608.69
FTA Section 5303	\$0.00
GDOT 5303 Match	\$0.00
LOCAL 5303 Match	\$0.00
FHWA M230	\$682,222.22
Local M230	\$170,555.56
TOTAL FUNDS	\$970,821.25

TASK # 4 Systems Planning **Sub-element 4.16 Commuter Program**

<u>Objective</u>: To increase transportation options and decrease congestion by continuing to promote and to monitor incentives and assistance for carpooling, mass transit, bicycling, and walking among area employers and commuters.

<u>Previous Work</u>: In 2014, staff continued to provide the employer networks with quarterly reports on the alternative transportation usage of their workers from the Commute Calendar. Activities also included maintaining the latest information on the website, such as news of the federal Bicycle Commuter Tax Benefit and updated maps of existing bikeways.

<u>Project Description</u>: Monitor Coastal Commuters participation and use of the Emergency Ride Home program. Provide to other employers in Chatham County information about ride-matching assistance, ERH, benefits of alternative transportation, and how they can help incentivize mode switches. Renew ride-matching software license or arrange for alternative solution. Maintain Coastal Commuters website. Promote awareness of brand and services among commuters through printed materials and web. Cooperate and coordinate activities with local advocates of alternative transportation modes. Encourage pedestrian and bicycle trips through communication to the public and to employers about facilities and services and about safe driving, walking, and bicycling behaviors. CORE MPO will continue to coordinate with FTA and GDOT Intermodal Programs on this element.

<u>Products</u>: Reports on Coastal Commuters participants' travel modes, ERH usage, cities of origin and destination, and estimated emissions reductions and parking spaces saved. Continually maintained website, text for employee newsletters, bicycle and pedestrian safety communications, and other informational materials, as needed.

TASK # 4 Systems Planning **Sub-element 4.16 Commuter Program**

Transportation Planning Related Activities							
Organization	Activities						
MPC	Meet with employers to explain Coastal						
	Commuters program						
MPC	Promote assistance and benefits available to						
	traveling public through postings to websites and						
	external web blogs, public service						
	announcements, brochures, flyers, and reports to						
	MPO committees.						
MPC	Administer the Emergency Ride Home program						
MPC	Record aggregated, reported mode splits among						
	participants and estimations of resulting						
	reductions in emissions, parking demand, and						
	SOV mileage.						
MPC	Distribute information about pedestrian and						
	bicycle safety through website and through						
	advocacy groups and offer to present						
	commuting tips at work sites.						

Target Start and End	July 1, 2014 –	Lead Agency	MPC
Dates	June 30, 2015		

Funding Source	Amount
FHWA PL	\$0.00
GDOT PL Match	\$0.00
Local PL Match	\$0.00
FTA Section 5303	\$12,800.00
GDOT 5303 Match	\$1,600.00
LOCAL 5303 Match	\$1,600.00
TOTAL FUNDS	\$16,000.00

CORE MPO FY 2015 UPWP PROPOSED FUNDING SOURCE BY TASK PERFORMING AGENCY - April 2015																	
Funding Source	Task No.	Task Description	FHWA PL	State PL	Local PL Match	PL Total	FHWA M230*	M230 Local Match*	M230 Total*	FTA-SEC 5303	State 5303 Match	Local 5303 Match	5303 Total	Federal Total	State Total	MPO Match	Total Program
FHWA PL, State, Local	1.1	Program Coordination	\$32,000.00	\$0.00	\$8,000.00	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32,000.00	\$0.00	\$8,000.00	\$40,000.00
FHWA PL, FTA 5303, State, Local	1.2	Operations and Administration	\$80,000.00	\$0.00	\$20,000.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$12,000.00	\$1,500.00	\$1,500.00	\$15,000.00	\$92,000.00	\$1,500.00	\$21,500.00	\$115,000.00
FHWA PL, State, Local	1.3	Training and Professional Development	\$20,000.00	\$0.00	\$5,000.00	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00	\$0.00	\$5,000.00	\$25,000.00
FHWA PL, State, Local	1.4	Equipment and Supplies	\$8,000.00	\$0.00	\$2,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,000.00	\$0.00	\$2,000.00	\$10,000.00
FHWA PL, FTA 5303, State, Local	1.5	Contracts and Grants	\$26,000.00	\$0.00	\$6,500.00	\$32,500.00	\$0.00	\$0.00	\$0.00	\$1,600.00	\$200.00	\$200.00	\$2,000.00	\$27,600.00	\$200.00	\$6,700.00	\$34,500.00
FHWA PL, FTA 5303, State, Local	1.6	Unified Planning Work Program	\$14,400.00	\$0.00	\$3,600.00	\$18,000.00	\$0.00	\$0.00	\$0.00	\$2,000.00	\$250.00	\$250.00	\$2,500.00	\$16,400.00	\$250.00	\$3,850.00	\$20,500.00
FHWA PL, State, Local FHWA PL, FTA 5303.	2.1	Community Outreach/Education	\$16,000.00	\$0.00	\$4,000.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,000.00	\$0.00	\$4,000.00	\$20,000.00
State, Local	2.2	Environmental Justice/Title 6/Anti-Poverty	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17,600.00	\$2,200.00	\$2,200.00	\$22,000.00	\$17,600.00	\$2,200.00	\$2,200.00	\$22,000.00
FHWA PL, State, Local	3.2	Traffic Impact Analysis	\$10,000.00	\$0.00	\$2,500.00	\$12,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,000.00	\$0.00	\$2,500.00	\$12,500.00
FHWA PL, State, Local	3.6	Bicycle and Pedestrian Demand	\$9,600.00	\$0.00	\$2,400.00	\$12,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,600.00	\$0.00	\$2,400.00	\$12,000.00
FHWA M230, Local FHWA M230, FTA 5303.	4.1	Congestion Management/TMC					\$0.00	\$0.00	\$0.00					\$0.00	\$0.00	\$0.00	\$0.00
State, Local	4.2	Transit / Paratransit Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$65,777.78	\$16,444.44	\$82,222.22	\$28,000.00	\$3,500.00	\$3,500.00	\$35,000.00	\$93,777.78	\$3,500.00	\$19,944.44	\$117,222.22
FHWA PL, State, Local FHWA PL, FHWA M230.	4.5	Road Diet Feasibility Study	\$0.00	\$0.00	\$0.00	\$0.00	\$32,000.00	\$8,000.00	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32,000.00	\$0.00	\$8,000.00	\$40,000.00
State, Local	4.6	Model Development and Applications	\$6,000.00	\$0.00	\$1,500.00	\$7,500.00	\$200,000.00	\$50,000.00	\$250,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$206,000.00	\$0.00	\$51,500.00	\$257,500.00
FHWA M230, Local FHWA PL, FHWA M230	4.10	Freight Planning					\$0.00	\$0.00	\$0.00					\$0.00	\$0.00	\$0.00	\$0.00
FTA 5303, State, Local FHWA PL, FTA 5303.	4.11	Long Range Plan	\$35,000.00	\$0.00	\$8,750.00	\$43,750.00	\$0.00	\$0.00	\$0.00	\$37,551.00	\$4,693.88	\$4,693.88	\$46,938.75	\$72,551.00	\$4,693.88	\$13,443.88	\$90,688.75
State, Local FHWA PL, FHWA M230.	4.12	Transportation Improvement Program	\$24,000.00	\$0.00	\$6,000.00	\$30,000.00	\$20,000.00	\$5,000.00	\$25,000.00	\$8,000.00	\$1,000.00	\$1,000.00	\$10,000.00	\$52,000.00	\$1,000.00	\$12,000.00	\$65,000.00
FHWA C230, State, Local	4.13	Strategic Planning Studies Coordinated Transit/Human Svc.	\$94,434.78	\$0.00	\$23,608.69	\$118,043.47	\$682,222.22	\$170,555.56	\$852,777.78	\$0.00	\$0.00	\$0.00	\$0.00	\$776,657.00	\$0.00	\$194,164.25	\$970,821.25
FTA Sections 5316, 5317 FTA Section 5303, State,	4.15	Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Local	4.16	Commuter Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,800.00	\$1,600.00	\$1,600.00	\$16,000.00	\$12,800.00	\$1,600.00	\$1,600.00	\$16,000.00
Grand Total			\$375,434.78	\$0.00	\$93,858.69	\$469,293.47	\$1,000,000.00	\$250,000.00	\$1,250,000.00	\$119,551.00	\$14,943.88	\$14,943.88	\$149,438.75	\$1,494,985.78	\$14,943.88	\$358,802.56	\$1,868,732.22

Generalized Annual Timeline of Key Planning Deliverables and Milestones

Shading indicates months when the CORE MPO Board meets