

BRUNSWICK AREA TRANSPORTATION STUDY UNIFIED PLANNING WORK PROGRAM

For
Fiscal Year 2016

July 1, 2015 through June 30, 2016

Prepared by: Brunswick Area Transportation Study

In Cooperation With:

Georgia Department of Transportation
Federal Highway Administration
Federal Transit Administration

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Table of Contents

SECTION 1 PROGRAM ADMINISTRATION.....	1-1
1.1 Program Coordination.....	1-1
1.2 Operations and Administration of the Brunswick Area Transportation Study (BATS).....	1-3
1.3 Training/Employee Education.....	1-7
1.4 Equipment and Supplies.....	1-9
1.5 Contracts and Grants.....	1-10
1.6 Unified Planning Work Program (UPWP).....	1-11
SECTION 2 PUBLIC INVOLVEMENT	2-1
2.1 Community Outreach/Education	2-1
2.2 Environmental Justice/Title VI.....	2-3
2.3 Public Participation Plan	2-5
SECTION 3 DATA COLLECTION.....	3-1
3.1 Socio-Economic Data	3-1
3.2 Maintain and Monitor Land Use.....	3-3
3.3 Air Quality Management	3-4
3.4 Transportation Models and Analysis	3-5
3.5 System Monitoring.....	3-7
3.6 Census Coordination	3-9
SECTION 4 SYSTEM PLANNING.....	4-1
4.1 Congestion Management.....	4-1
4.2 Transit/Paratransit.....	4-2
4.3 Intermodal (Port, Air, Rail).....	4-3
4.4 Air Quality Planning	4-3
4.5 Bike/Pedestrian Facility Planning.....	4-5
4.6 Model Development and Application	4-7
4.7 Geographic Information Systems (GIS) Development and Application	4-8
4.8 Highway Planning	4-9
4.9 Intelligent Transportation Systems (ITS).....	4-10
4.10 Freight Planning.....	4-11
4.11 Long Range Plan.....	4-13
4.12 Transportation Improvement Program.....	4-15
4.13 Special Transportation Studies.....	4-17
SECTION 5 SUMMARY BUDGET TABLE	5-1

INTRODUCTION

The FY2016 Unified Planning Work Program (UPWP) for the Brunswick Area Transportation Study (BATS) describes the transportation planning activities proposed to be conducted from July 1, 2015 through June 30, 2016. Work is performed in accordance with the Memorandum of Understanding dated December 10, 2005 between the BATS MPO and the Georgia Department of Transportation (GDOT).

The UPWP will guide transportation planning activities toward the goals and policies of the BATS. This program continues the transportation planning process by detailing the plans and programs developed in previous planning programs. Areas of the work program concentrate on developing the information, data, and procedures that are necessary to maintain a viable and effective transportation planning process. The four major work elements are:

1. PROGRAM ADMINISTRATION
2. PUBLIC INVOLVEMENT
3. DATA COLLECTION
4. SYSTEM PLANNING

This program continues the transportation planning process for the BATS area with emphasis on the maintenance of the transportation plan for the year 2035, thus maintaining a 20-year horizon for the plan and programs. Additional emphasis will also be placed on solving current transportation issues such as continuing growth in the City of Brunswick and Glynn County and problems as projects are implemented. All endeavors undertaken by BATS will address all applicable planning factors involved in Moving Ahead for Progress in the 21st Century (MAP-21). These factors are:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility of people and for freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system.

The table below shows all of the tasks in the program sections and shows which of the eight planning factors contribute to the implementation of the task.

Table 1: METROPOLITAN PLANNING FACTORS TO BE CONSIDERED IN THE 2016 UPWP

	WORK ELEMENT	METROPOLITAN PLANNING FACTORS							
		1	2	3	4	5	6	7	8
1.0	PROGRAM SUPPORT AND ADMINISTRATION								
1.1	Program Coordination	X	X	X	X	X	X	X	X
1.2	Operations and Administration	X	X	X	X	X	X	X	X
1.3	Employee Training and Development	X	X	X	X	X	X	X	X
1.4	Equipment and Supplies	X			X	X		X	
1.5	<i>Contracts/Grants</i>	<i>No activities related to this project area</i>							
1.6	Unified Planning Work Program	X	X	X	X	X	X	X	X
2.0	PUBLIC INVOLVEMENT								
2.1	Community Outreach/Education	X	X	X	X	X	X	X	X
2.2	Environmental Justice/Title VI	X			X	X	X		
2.3	Participation Plan	X	X	X	X	X	X	X	X
3.0	DATA COLLECTION								
3.1	Socio-Economic Data			X	X	X			
3.2	Land Use Monitoring	X	X	X	X	X	X		X
3.3	<i>Air Quality Management</i>	<i>No activities related to this project area</i>							
3.4	Transportation Surveys, Models, and Analysis	X	X	X	X	X	X		X
3.5	System Monitoring	X	X	X	X	X	X		X
3.6	Census Coordination						X	X	
4.0	SYSTEM PLANNING								
4.1	Congestion Management	X	X	X		X	X	X	X
4.2	<i>Transit/Paratransit</i>	<i>No activities related to this project area</i>							
4.3	Intermodal Planning	X	X	X	X	X	X		X
4.4	<i>Air Quality Planning</i>	<i>No activities related to this project area</i>							
4.5	Bike/Pedestrian	X	X	X	X	X	X		X
4.6	<i>Model Development and Applications</i>	<i>No activities related to this project area</i>							
4.7	GIS Development and Applications	X	X	X	X	X	X	X	X
4.8	Highway Planning	X	X	X	X			X	X
4.9	<i>ITS</i>	<i>No activities related to this project area</i>							
4.10	Freight Planning	X			X	X	X	X	X
4.11	Long Range Plan	X	X	X	X	X	X	X	X
4.12	Transportation Improvement Program	X	X	X	X	X	X	X	X
4.13	Special Studies	X	X	X	X	X	X	X	X

SECTION 1 PROGRAM ADMINISTRATION

1.1 PROGRAM COORDINATION

Task Objective/Purpose

The Metropolitan Planning Organization (MPO), which is staffed by Glynn County, is responsible for the direction and coordination of Brunswick Area Transportation Study in conformance with all federal, state, and local requirements. Program coordination involves all of the previously stated planning factors because it includes all the planning activities in the work program.

Past Performance

1. Quarterly reports were written and filed with the Georgia Department of Transportation (GDOT);
2. Reimbursement requests were prepared and filed with GDOT;
3. Maintained website, advertised meetings, sent regular emails to interested parties of upcoming meetings and data;
4. Maintained contact with stakeholders throughout the planning year;
5. Brought in contractors to keep BATS members up to date on the progress of the Metropolitan Transportation Plan (MTP, formerly the LRTP);
6. Brought in staff from other MPOs to educate the BATS members on programs being implemented in other areas.

Methodology/Workscope

1. Perform requested special studies and services related to the BATS program, as resources allow. Funds may be used from this element to employ an intern to assist with special studies;
2. Staff will inform and educate the public through the news media concerning the BATS planning process and its products. This element also allows for participating in and providing information for planning activities in the region conducted by others.

Products

- Preparation and filing of quarterly reports, reimbursement requests, and annual reports.

Responsible Agency

The Glynn County Community Development Department

Activities

1.1.1 RECORDS MAINTENANCE

Maintenance of proper records as required under reimbursement program contracts, and preparation of budgets, financial records, reimbursement requests and an annual performance report.

1.1.2 COORDINATION OF STUDY ACTIVITIES, REQUESTS FOR INFORMATION, ETC.

Table 1.1.1: Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 1.1.2: Cost Estimates/Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$8,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$2,000.00	Local 5303 (10%)	\$0
PL Subtotal	\$10,000.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			10,000.00

1.2 OPERATIONS AND ADMINISTRATION OF THE BRUNSWICK AREA TRANSPORTATION STUDY (BATS)

Task Objective/Purpose

The BATS is the ongoing transportation planning process for the study area that includes the City and Glynn County. BATS was initiated to comply with federal requirements that a continuous, cooperative, and comprehensive transportation planning process would be the basis for the continued expenditure of federal funds for transportation in Brunswick/Glynn County.

This task, like program coordination, involves all eight planning factors stated in the introduction. BATS is required to carry out planning functions in a coordinated effort with locally elected officials, government administrator(s), special interest groups, public and private sector technical experts involved with transportation issues, and citizen advisors. The Glynn County Community Development Department provides the staff support for the Metropolitan Planning Organization, or MPO. Participation is coordinated through the various committees organized to provide input to the transportation planning process. These committees include:

- **Policy Committee (PC)** – the ultimate decision-making body of BATS, whose responsibilities include setting priorities among projects;
- **Technical Coordinating Committee (TCC)** – provides technical input and guidance for the transportation planning process; and
- **Citizen Advisory Committee (CAC)** – provide broad-based citizen input into the process of transportation planning.

Past Performance

1. The identification of grant opportunities and the preparation of applications;
2. The preparation and distribution of meeting minutes and agenda packets;
3. Meeting preparation, including tasks such as power point slideshows, copied materials, and the reservation of the room.

Methodology/Workscope

The Glynn County Community Development Division staff members attend meetings of the planning committees and provide the necessary administrative support to ensure their efficient functioning. Time and funds are included in this element to insure that activities associated with the planning process are carried out in an efficient and cost-effective manner. Also, resources are provided to guide the overall transportation planning process.

Products

Specific products from this work element include, but are not limited to:

1. Policy Committee minutes
2. Technical Coordinating Committee minutes
3. Minutes for other committees as resources permit
4. Handouts and mail-outs
5. PL quarterly reports and reimbursement requests
6. Correspondence as required
7. Support for special committees as resources permit

Responsible Agency

The Glynn County Community Development Department

Activities

1.2.1 COMMITTEE COORDINATION

Coordination and administration of the CAC, TCC and Policy Committees, including record keeping, agendas, staff reports, meeting scheduling, etc.

1.2.2 MEETING ATTENDANCE

Table 1.2.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 1.2.2 Cost Estimates/Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$12,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$3,000.00	Local 5303 (10%)	\$0
PL Subtotal	\$15,000.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			15,000.00

1.3 TRAINING/EMPLOYEE EDUCATION

Task Objective/Purpose

This element allows staff to attend classes and conferences throughout the year. This allows staff to remain current on the latest transportation planning theory as well as gain skills that will help the MPO function more efficiently. Through this professional training staff can better serve the needs of the MPO and the community.

Continuing education also helps staff address all eight planning factors during the years work. Registration and other course expenses are covered by this element. Prior approval from Georgia Department of Transportation will be obtained for any class/conference that MPO staff wishes to attend.

Past Performance

Staff education is an ongoing BATS planning activity. During FY15, MPO personnel participated in web-based educational opportunities to gain skills to enhance the MPO function. Staff attended educational opportunities provided by FHWA and GDOT.

Methodology/Workscope

- Upon deciding that MPO personnel should attend a class or conference, planning staff shall submit a written request to GDOT describing the class/conference and providing an estimate of anticipated associated expenditures (travel, lodging, meals). GDOT will then review the request and respond in writing.

Products

- Attendance at MPO and GPA Conferences, and other workshops, as feasible

Responsible Agency

The Glynn County Community Development Department

Activities

1.3.1 WORKSHOPS AND CONFERENCES

Attendance at FHWA, GDOT, ESRI, GPA and other educational programs and workshops related to transportation topics when possible.

Table 1.3.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 1.3.2 Cost Estimates/Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$1,500.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$375.00	Local 5303 (10%)	\$0
PL Subtotal	\$1,875.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			1,875.00

1.4 EQUIPMENT AND SUPPLIES

Task Objective/Purpose

This element allows staff to purchase and maintain needed equipment. The use of computer equipment in many tasks reduces direct labor hours when compared to certain labor-intensive methods. The MPO may purchase software and peripherals under this element as well as hardware maintenance and software upgrades when needed.

This element will also include computer subscription services, digital data needs, and miscellaneous supply expenses. The BATS will contact GDOT before any major computer or software purchases. This task addresses several of the planning factors listed in the introduction. The equipment and supplies allow planning staff to support the economic vitality of the metropolitan area by keeping productivity high and allowing staff to become more efficient. Computer programs allow staff to create visual display of transportation problems and opportunities.

It allows staff to store and calculate a large amount of information about the roads, bike trails, recreation trails and other infrastructure. With the ability to analyze all forms of transportation, staff can work to increase the accessibility and mobility of people and for freight. The programs and equipment also allow staff to identify areas in which projects can protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.

Past Performance

1. Purchased and maintained equipment to support BATS planning activities;
2. Continued the annual renewal of ARC GIS license, CUBE updates and purchased extensions to support transportation planning. Other traffic generation literature and software purchased for the MPO planner.

Methodology/Workscope

- Upon deciding that a new item is needed, planning staff shall submit a written request to GDOT describing the desired equipment and explaining why it is needed. GDOT will then review the request and respond in writing.

Products

- Maintenance of computer workstation for transportation planning activities

Responsible Agencies

The Glynn County Community Development Department in coordination with GDOT

Activities

- 1.4.1 PURCHASE SOFTWARE LICENSE FOR ARC GIS, AND CUBE MODELING SOFTWARE
- 1.4.2 PURCHASE LICENSE FOR ARC GIS EXTENSIONS AS NEEDED
- 1.4.3 PURCHASE LARGE FORMAT PLOTTER/PRINTER
- 1.4.4 PURCHASE MISC. SUPPLIES
- 1.4.5 PURCHASE OFFICE SUPPLIES, COPYING CHARGES, POSTAGE, ETC

Table 1.4.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 1.4.2 Cost Estimates/Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$6,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$1,500.00	Local 5303 (10%)	\$0
PL Subtotal	\$7,500.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			7,500.00

1.5 CONTRACTS AND GRANTS

There are no activities related to this project area in this UPWP.

1.6 UNIFIED PLANNING WORK PROGRAM (UPWP)

Task Objective/Purpose

The Unified Planning Work Program (UPWP) provides a schedule of BATS planning activities and serves as a budgetary document. The preparation of the UPWP is required in order for the MPO to receive planning funds. The UPWP is created to address all eight planning factors listed in the introduction. There is a vital interest in keeping the transportation network safe, efficient and current.

Past Performance

Completed and adopted the FY2015 UPWP which provides basis for scope of work for organization, and for funding contracts under PL. Supplemental Agreement No. 1, which was adopted by the Board of Commissioners on November 20, 2014, included the transfer of \$173,270.40 from carry over funds for the purpose of completing a federally mandated update to the Metropolitan Transportation Plan (MTP), conducting traffic studies on Saint Simons Island, completing a countywide Bicycle/Pedestrian Plan, and the purchasing of traffic counting equipment.

Methodology/Workshop

- The UPWP document includes short descriptions of task elements, work products, responsible participants, and an identification of funding sources. The proposed UPWP undergoes review by the relevant committees that comprise the transportation planning process, resulting in its adoption by the BATS Policy Committee. The result is a contract between Glynn County and GDOT for the accomplishment of those transportation work elements included in the adopted UPWP for the upcoming fiscal year.

Products

- FY 2016 Unified Planning Work Program

Responsible Agencies

The Glynn County Community Development Department in coordination with GDOT

Activities

1.6.1 DOCUMENT PREPARATION AND ADOPTION

Collection of committee and staff input into FY 2016 UPWP based on progress of FY 2015 UPWP.

Table 1.6.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
			X	X	X	X	X	X	X	X	

Table 1.6.2 Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$2,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$500.00	Local 5303 (10%)	\$0
PL Subtotal	\$2,500.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			2,500.00

SECTION 2 PUBLIC INVOLVEMENT

2.1 COMMUNITY OUTREACH/EDUCATION

Task Objective/Purpose

This element allows staff the resources to provide information to the public regarding planning activities, specific transportation projects, and transportation issues. Funds will allow for the preparation of literature, presentations, and maintaining the transportation website. The goal is to provide information to the public. The MPO works to educate and provide information to the community about all transportation projects.

Past Performance

Staff will continue to provide information to media outlets when requested. Past outreach activities have included:

1. Making presentations to citizen groups and maintaining the transportation website.
2. The website was expanded and updated to include the Long Range Transportation Plan, transportation study reports and other activities carried out by the BATS organization.

Methodology/Workscope

- The BATS website will be used to keep the public informed of upcoming events. Publications will be available to the public both in print and on-line (when practical). MPO representatives will be involved in as many community events as staff resources permit. In addition, MPO is responsible for implementing the Public Participation Plan (PPP).

Products

- Maintenance of web site updating with draft and adopted documents, and upcoming meetings.

Responsible Agency

The Glynn County Community Development Department

Activities

2.1.1 MAINTAIN WEB SITE

Maintain and update content of Internet web site providing local transportation planning information, including narrative explaining MTP Process, MPO Planning Process, and meeting schedule.

Table 2.1.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 2.1.2 Cost Estimates/Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$11,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$2,750.00	Local 5303 (10%)	\$0
PL Subtotal	\$13,750.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			13,750.00

2.2 ENVIRONMENTAL JUSTICE/TITLE VI

Task Objective/Purpose

This element is included to allow staff to address Title VI and/or Environmental Justice issues as necessary. It will allow staff the resources to ensure that groups that have been traditionally underserved by the transportation community can be identified and included in the decision-making processes of BATS.

This task involves supporting the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency; increasing the accessibility and mobility of people and for freight; Protecting and enhancing the environment, promoting energy conservation, improving the quality of life, and promoting consistency between transportation improvements and State and local planned growth and economic development patterns. Environmental justice projects also work to enhance integration and connectivity of the transportation system, across and between modes, for people and freight

Past Performance

This is an on-going BATS Unified Planning Work Program activity. Specific efforts have included posting notices on the BATS website, and at public facilities.

Methodology/Workscope

- The BATS website will be used to keep the public informed of upcoming events. Publications will be available to the public both in print and on-line (when practical). MPO representatives will be involved in as many community events as staff resources permit. Cases in which a specific group will be affected disproportionately by a transportation endeavor, every effort will be made to take information to and receive input from that group. The use of unique public meeting sites and activities are examples of possible strategies to include these groups. In addition, MPO is responsible for implementing the Public Participation Plan (PPP).

Products

- Fulfillment of Environmental Justice (EJ) requirements for notice and participation in planning activities and fulfillment of requirements in the Public Participation Plan.

Responsible Agency

The Glynn County Community Development Department

Activities

2.2.1 IMPLEMENT OUTREACH ACTIVITIES TO EJ COMMUNITIES, AS INDICATED BY PPP AND OTHER PLANNING ACTIVITIES.

Table 2.2.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 2.2.2 Cost Estimates/Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$5,800.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$1,450.00	Local 5303 (10%)	\$0
PL Subtotal	\$7,250.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			7,250.00

2.3 PUBLIC PARTICIPATION PLAN

Task Objective/Purpose

This element is the Metropolitan Planning Organization's product to guide participation by the public and other interested parties in the transportation planning process. The MPO strives to include public opinion on all projects and thus includes all of the eight planning factors in the planning process.

Past Performance

This is an on-going element in the BATS Regional Transportation Study Unified Planning Work Program.

1. Public notice is given for regular committee meetings;
2. Committee meetings are posted and the MTP (formerly known as LRTP) schedule developed and placed on the transportation website;
3. The transportation website is updated at least every quarter.

Methodology/Workscope

- The BATS will continue to post bi-monthly and called committee meetings in a timely manner. The BATS will look at modifying the transportation website to solicit comments from citizens regarding transportation needs. Will continue to maintain and update a Transportation Stakeholders listing as specified in the updated PPP.

Products

- Public information meetings and other processes in coordination with all federal, state, and local requirements

Responsible Agency

The Glynn County Community Development Department

Activities

2.3.1 PUBLIC NOTIFICATION

Timely notification of public and media of bi-monthly and called committee meetings

2.3.2 ENVIRONMENTAL JUSTICE REVIEW

Review Environmental Justice section of MTP and identify Environmental Justice populations with GIS

2.3.3 MAINTAIN STAKEHOLDER LIST

Continue development and maintenance of computer-based stakeholder list.

Table 2.3.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 2.3.2 Cost Estimates/Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$3,500.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$875.00	Local 5303 (10%)	\$0
PL Subtotal	\$4,375.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			4,375.00

SECTION 3 DATA COLLECTION

3.1 SOCIO-ECONOMIC DATA

Task Objective/Purpose

The socioeconomic database is currently divided into Travel Analysis Zones (TAZ) that enable BATS and Georgia DOT staff to determine the impact of future growth on the transportation system through GDOT's travel demand modeling process. This element provides resources to maintain current data and to forecast socio-economic data for use in developing and maintaining BATS transportation models. One of the primary inputs into the planning process is the projection of future demand for transportation service. The maintenance of socioeconomic data is critical to the modeling process.

Past Performance

The maintenance of land use and socio-economic data is an ongoing BATS activity. It is accomplished through the continual updating of TAZ estimates for the BATS study area. Community Development and GIS staff maintain data on the base-year (2006), and projected year (2035) socio-economic data. The consultants who were contracted in 2015 to update the MTP are ensuring this data is updated and accurate.

Methodology/Workscope

1. Continue to collect and develop data for next MTP, including housing starts, employment trends, and school locations, including procedure for compiling data for new development by TAZ as catalogued by new Community Development software package;
2. Develop the TAZ layer by extracting boundaries from existing feature classes within Glynn County GIS System to increase functionality and accuracy of future data collection;
3. Maintenance of these files enables the MPO to monitor and update the Long Range Transportation Plan in a timely, cost-effective manner. The data derived from this file can facilitate analyses for a multitude of transportation and transit-related studies. Additional support for the U.S. Census Bureau as it gathers information is also essential and will be funded by this element. The socio-economic database will be used as input into the transportation management information systems including the GIS and modeling efforts. Due to limited staff, consultant services may be utilized to carry out work in this element.

Products

- Maintain data for the 2035 MTP.

Responsible Agencies

The Glynn County Community Development Department

Activities

3.1.1 UPDATE DATA BY TRAFFIC ANALYSIS ZONE

Updating and maintenance of the TAZ data, including the socio-economic data.

3.1.2 UPDATE AND MAINTAIN TAZ BOUNDARIES AS GIS LAYER

Update and maintain TAZ boundaries within Glynn County GIS System to increase functionality and accuracy of future data collection.

Table 3.1.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 3.1.2 COST ESTIMATES/FUNDING SOURCE

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$500.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$125.00	Local 5303 (10%)	\$0
PL Subtotal	\$625.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			625.00

3.2 MAINTAIN AND MONITOR LAND USE

Task Objective/Purpose

Provide updated land use data for travel demand modeling and other transportation planning activities.

Past Performance

The Glynn County GIS department created GIS data for use in the MTP updates. Coordinated meetings to examine existing map data for use in the development of the MTP and TAZs.

Methodology/Workscope

- Conduct the analysis of land uses near transportation facilities and systems. This analysis will ensure that Existing and Future Land Use Maps are current and that the land uses are not in conflict with already planned facilities and systems.

Products

- Maintenance and update of accurate GIS data.

Responsible Agency

The Glynn County Community Development Department

Activities

3.2.1 DEVELOP CURRENT LAND USE MAP

Continue to revise current land use map under DCA (Department of Community Affairs) regulations, for use with MPT update and Comprehensive Plan Update.

3.2.2 DEVELOP FUTURE LAND USE MAP

Continue to revise future land use map under DCA regulations, for use with MTP update and Comprehensive Plan Update.

Table 3.2.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 3.2.2 Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$2,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$500.00	Local 5303 (10%)	\$0
PL Subtotal	\$2,500.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			2,500.00

3.3 AIR QUALITY MANAGEMENT

There are no activities related to this project area in this UPWP.

3.4 TRANSPORTATION MODELS AND ANALYSIS

Task Objective/Purpose

The purpose of this element is to assist transportation modeling and analysis in the development of the Traffic Analysis Zones. During FY16, coordination with GDOT and/or the Census Bureau will be required.

Past Performance

Maintained socio-economic data to account for changes in population trends. Models were run with GDOT to show traffic trends that will be used for future updates of the MTP.

Methodology/Workscope

- The BATS working with GDOT and/or the Census Bureau will develop information that will be used in the development of an updated Traffic Analysis Zones map. The implementation of new traffic software will identify locations that need traffic improvements.

Products

- Maintenance of the Traffic Analysis Zone map, and creation/update of Traffic Modeling Map.

Responsible Agencies

The Glynn County Community Development Department in coordination with GDOT and the Census Bureau.

Activities

3.4.1 UPDATE TRAFFIC ANALYSIS ZONE MAP:

Review Traffic Analysis Zones and make adjustments as needed, and/or model area expansions.

Table 3.4.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 3.4.2 Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$1,500.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$375.00	Local 5303 (10%)	\$0
PL Subtotal	\$1,875.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			1,875.00

3.5 SYSTEM MONITORING

Task Objective/Purpose

Maintain up-to-date information files that measure existing transportation system performance, estimate future travel demand determine the impact of transportation proposals and significant traffic generators, and maintain the validity of the BATS Long Range Transportation Plan.

Past Performance

Continued maintenance of spatially referenced GIS road network data

Methodology/Workscope

1. The BATS working with local law enforcement agencies will develop standardized materials to assist with the development of an Accident Reduction Program. BATS will incorporate Average Daily Traffic data into the GIS road data. Spatially referenced data will be readily available to assist in the development of the TIP, Glynn County Comprehensive Plan, modeling, and local planning decisions;
2. The BATS will develop a digital procedure to allow GDOT to verify state highway road name changes with the county. This will replace cumbersome manual, paper-based system.

Products

- Reference data for use in transportation planning, procedure to verify road name changes, and materials to start the development of an accident reduction program.

Responsible Agency

The Glynn County Community Development Department

Activities

3.5.1 INPUT ADT DATA INTO ROAD LAYER

Automate Average Daily Traffic data incorporation with GIS road data.

3.5.2 MAKE SPATIALLY REFERENCED DATA READILY AVAILABLE

Provide spatially referenced ADT data to Community Development to aid in planning decisions. Use the information to guide development of the TIP and MTP.

3.5.3 STANDARDIZE DATA FOR FUTURE MODEL

Standardize transportation data-model for Glynn County’s transportation GIS.

3.5.4 DIGITAL ROAD NAME VERIFICATION

Develop digital procedure to allow the DOT to verify state highway road name changes with the county. This will replace cumbersome manual, paper-based system.

Table 3.5.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 3.5.2 Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$1,500.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$375.00	Local 5303 (10%)	\$0
PL Subtotal	\$1,875.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			1,875.00

3.6 CENSUS COORDINATION

Task Objective/Purpose

The purpose of this element is to provide time and funds for these and other activities undertaken in coordination of the 2010 Census, to include the County line. During FY16, coordination with GDOT and/or the Census Bureau may be required.

Past Performance

Monitored County development trends and amended the Socio-economic data and Transportation Analysis Zones (TAZ) data when necessary. Assistance from GDOT was provided and models were run to identify areas with a reduced Level of Service (LOS).

Methodology/Workscope

- The BATS working with GDOT and/or the Census Bureau will develop information that will be used in the development of an updated MPO boundary map and TAZs.

Products

- Map showing updated MPO boundary and updated as required.

Responsible Agency

The Glynn County Community Development Department

Activities

3.6.1 UPDATE MPO BOUNDARY:

Review MPO boundaries and make adjustments as needed, and/or model area expansions. Assist the Census Bureau with task pertaining to address coding and mapping as needed.

3.6.2 UPDATE AND MAINTAIN TAZ BOUNDARIES AS A GIS LAYER:

Review existing TAZs and modify to address changes if needed.

Table 3.6.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 3.6.2 Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$1,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$250.00	Local 5303 (10%)	\$0
PL Subtotal	\$1,250.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			1,250.00

SECTION 4 SYSTEM PLANNING

4.1 CONGESTION MANAGEMENT

Task Objective/Purpose

Continue to determine a coordinated package of planning, programming, and operational strategies designed to improve the safety, reliability, and efficiency of the transportation system.

Past Performance

Worked with recent developments to create and preserve right-of-way when possible. For example, when projects are proposed for development staff approaches the property owner to set-aside property for future right-of-way expansion prior to the property being developed.

Methodology/Workscope

- A cooperation of MPO, GDOT, and FHWA staff will suggest effective programs and tools for usage by the MPO for data collection and management, performance monitoring, traffic demand reduction, and traffic operation improvements. There are several intersections in the MPO that are constrained due to recent growth trends. These intersections should be studied to determine improvements that would reduce congestion and improve traffic movement. MPO and County GIS staff will continue the implementation of CUBE software.

Products

1. Recommendations for ongoing studies suggesting improvements to manage congestion;
2. Traffic modeling network.

Responsible Agency

The Glynn County Community Development Department

Activities

4.1.1 WORK ON DEVELOPMENT OF A FUNCTIONAL CLASSIFICATION PLAN:

Identify roadways and intersections that require improvements for traffic circulation. Implementation of traffic modeling software.

Table 4.1.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 4.1.2 Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$3,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$750.00	Local 5303 (10%)	\$0
PL Subtotal	\$3,750.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			3,750.00

4.2 TRANSIT/PARATRANSIT

There are no activities related to this project area in this UPWP.

4.3 INTERMODAL (PORT, AIR, RAIL)

Task Objectives/Purpose

Provide information gathering and analysis of Intermodal connections and components of the transportation network.

Past Performance

Cooperated with the development and expansion of intermodal programs and infrastructure.

Methodology/Workscope

- Continue to monitor needs and issues of Intermodal transportation network.

Products

- Maintain updated needs and issues status of Intermodal components of transportation network.

Responsible Agency

The Glynn County Community Development Department

Activities

- 4.3.1 CONTINUE TO MONITOR NEEDS AND ISSUES OF INTERMODAL TRANSPORTATION NETWORK.

Table 4.3.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 4.3.2 Cost Estimate/Proposed Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$500.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$125.00	Local 5303 (10%)	\$0
PL Subtotal	\$625.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			625.00

4.4 AIR QUALITY PLANNING

There are no activities related to this project area in this UPWP.

4.5 BIKE/PEDESTRIAN FACILITY PLANNING

Task Objectives/Purpose

Update the MTP if needed to reflect changes in the Pedestrian Plan. This work element may include associated involvement in the Georgia DOT Statewide Bicycle Plan, the Coastal Georgia Greenway plan, and the Greenprint report commissioned by the St. Simons Land Trust.

Past Performance

1. Worked with local developments in the planning process to identify bike and pedestrian routes to coordinate with the development of public facilities;
2. Implemented TE grant projects to enhance and expand pedestrian facilities.

Methodology/Workscope

- Continue to develop an inventory of existing and planned sidewalks and paths. Coordinate work with GIS in collecting location data for mapping. Share information with nonprofits that are working or planning bike and pedestrian facilities. Encourage local, non-profit, and state planning organizations to allow the BATS MPO the opportunity to review and assist with the development of pathways. Continue to expand pedestrian facilities with TE grants.

Products

- Continuance_of committee work for construction and maintenance of pathways to be included in the MTP update.

Responsible Agency

The Glynn County Community Development Department

Activities

4.5.1 INVENTORY BIKE AND PATH FEATURES

Continue to develop inventory of existing and planned sidewalks and paths. Coordinate work with GIS in collecting location data for mapping. The MPO will soon draft an RFP to hire a consultant to assist with the development of a comprehensive bicycle/pedestrian master plan.

4.5.2 UPDATE BIKE AND PEDESTRIAN PLAN

Work with the CAC/TCC and PC committees, and GDOT to ensure coordination between agencies. Develop maps showing current bike and pedestrian paths, and develop maps showing proposed location of new projects.

Table 4.5.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 4.5.2 Cost Estimate/Proposed Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$1,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$250.00	Local 5303 (10%)	\$0
PL Subtotal	\$1,250.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			1,250.00

4.6 MODEL DEVELOPMENT AND APPLICATION

Task Objective/Purpose

During FY16, coordination with GDOT and other agencies may be required. The purpose of this element is to provide time and funds for model develop and application.

Past Performance

- Worked with GDOT to run models in coordination with development trends in the County. This included coordination with several proposed DRI's, the selection of traffic modeling software, and the sharing of data for the upcoming MTP update.

Methodology/Workscope

- The BATS working with GDOT and other agencies will update information used to maintain accurate information in the TAZs, socioeconomic data, and future updates of the MTP.

Products

- Updated databases used for modeling. Implementation of traffic modeling software.

Responsible Agency

The Glynn County Community Development Department

Activities

4.6.1 UPDATES DATABASES BY REVIEWING GDOT INFORMATION.

Table 4.6.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 4.6.2 Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$1,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$250.00	Local 5303 (10%)	\$0
PL Subtotal	\$1,250.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			1,250.00

4.7 GEOGRAPHIC INFORMATION SYSTEMS (GIS) DEVELOPMENT AND APPLICATION

Task Objective/Purpose

During FY16, coordination with GDOT and/or the Census Bureau may be required. The purpose of this element is to provide time and funds for mapping activities.

Past Performance

Coordinated with the County GIS department to keep an accurate development map that shows all proposed projects. This map is continually updated as a source to show development trends in the County.

Methodology/Workscope

- The BATS working with GDOT and/or the Census Bureau will develop information that will be used in the development of maps.

Products

- Assisted in the development of thematic and other maps showing population, density and other items as required by the Census Bureau and GDOT.

Responsible Agency

The Glynn County Community Development Department

Activities

- 4.7.1 MAP POPULATION, DENSITY AND OTHER ITEMS TO SUPPORT FUTURE TRANSPORTATION PLANNING ACTIVITIES.

Table 4.7.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
x	x	X	X	x	x	x	X	X	X	X	X

Table 4.7.2 Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$3,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$750.00	Local 5303 (10%)	\$0
PL Subtotal	\$3,750.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			3,750.00

4.8 HIGHWAY PLANNING

Task Objectives/Purpose

To review, refine and re-evaluate components of the adopted LRTP (which is now known as a MTP), and to work toward implementing recommendations of the plan.

Past Performance

1. Committees and staff reviewed future highway projects to coordinate planning activities, engineering, and environment studies. Requested direct input from local planning agencies, local city and state engineering agencies to ensure coordination between the agencies to facilitate better planning and phasing in of construction projects;
2. Responded to information requests from GDOT and citizens regarding a number of concept and design phase projects and attended concept meetings and Public Information Meetings;
3. Worked on identifying traffic corridors and the development of a thoroughfare plan. In addition the MPO works on opportunities to preserve right-of-way for traffic improvements.

Methodology/Workscope

- Continue to identify potential enhancement projects. Provide local planning support to GDOT and other design staff developing transportation projects, as requested. This includes information requests for concept reports, etc., and attendance at design meetings. Continue to monitor emerging needs for potential projects.

Products

- A continuation of committee work for construction and maintenance of highways, and a list of projects that have been planned with the goal to enhance transportation and reduce congestion.

Responsible Agency

The Glynn County Community Development Department

Activities

4.8.1 ENHANCEMENTS

Continue to identify potential enhancement projects.

4.8.2 PROJECT PLANNING SUPPORT

Provide local planning support to GDOT and other design staff developing transportation projects, as requested. This includes information requests for concept reports, etc., and attendance at design meetings.

4.8.3 NEEDS/OBJECTIVES

Continue to monitor emerging needs for potential projects.

4.8.4 RIGHT-OF-WAYS PRESERVATION PROGRAM

Develop the methods and tools for managing and preserving Right-of-Ways.

Table 4.8.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 4.8.2 Cost Estimate/Proposed Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$3,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$750.00	Local 5303 (10%)	\$0
PL Subtotal	\$3,750.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			3,750.00

4.9 INTELLIGENT TRANSPORTATION SYSTEMS (ITS)

There are no activities related to this project area in this UPWP.

4.10 FREIGHT PLANNING

Task Objectives/Purpose

The efficient movement of freight within and through a region is critically important to industry, retail, agriculture, international trade, and terminal operators. Metropolitan areas (especially ports) with their air cargo airports, intermodal freight yards, large trucking terminals, and shipyards are especially affected by freight movement issues.

Past Performance

Worked closely with the Glynn Economic Development Authority, Port of Brunswick, and Brunswick Golden Isles and St. Simon McKinnon Airports to ensure the coordination between land use activities and transportation.

Methodology/Workscope

- Continue to monitor emerging needs for improvement of freight movement within Intermodal network

Products

- A continuation to integrate freight development into long-range plans that address urban goods movement, local congestion, environmental impacts, and safety and security concerns. The updated MTP will have a component dedicated to Freight Planning.

Responsible Agency

The Glynn County Community Development Department

Activities

4.10.1 MONITOR EMERGING FREIGHT MOVEMENT NEEDS

Continue to monitor emerging needs for improvement of freight movement within Intermodal network

Table 4.10.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 4.10.2 Cost Estimate/Proposed Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$500.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$125.00	Local 5303 (10%)	\$0
PL Subtotal	\$19,867.04	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			625.00

4.11 LONG RANGE PLAN

Task Objective/Purpose

The BATS MPO conducts long-range transportation planning for the City of Brunswick and Glynn County and coordinates these efforts with other jurisdictions and agencies. A major component of any metropolitan area is its regional transportation system, which has a basic purpose of providing the means to accommodate local area travel demand. At the same time, this system must provide for logical development within the region, satisfy requirements for the safe and efficient movement of people and goods, and be accomplished with the most cost effective use of available resources.

Long-range strategies must emphasize the transportation system's effects within the area's physical, demographic, social, and economic environment. Most of the BATS work is aimed at providing analyses and maintenance of the MPO's adopted MTP, and addressing the condition and future needs of arterials and major streets through Corridor Planning.

Past Performance

Maintenance of the 2035 MTP.

Methodology/Workscope

1. The BATS committees will provide policy direction for the MPO's future transportation investments;
2. Assess impacts of policy choices on the MPO's transportation system, land use, development, air quality, traditionally underserved communities, and financial capacity to guide decision-making;
3. Ensure the MPO's long-range planning process addresses the federal transportation planning factors;
4. Integrate information provided by management systems into the long-range planning process;
5. Process amendments to the MTP as necessary.

Products

1. Committee based long-range planning addressing the condition and future needs of the transportation system;
2. The development of data to support the Department of Community Affairs Land Use and Transportation Goal 110-12-1-.06(2) (e).

Responsible Agency

The Glynn County Community Development Department

Activities

4.11.1 CONTINUE UPDATE PROCESS

Coordinate amendments to MTP when needed.

4.11.2 AGENCY PARTICIPATION PLAN

Review and amend MTP to ensure continuous compliance.

4.11.3 IDENTIFY LOCAL ENVIRONMENTAL AND HISTORICAL RESOURCES

Review and amend sites on maps to ensure continuous compliance

Table 4.11.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 4.11.2 COST ESTIMATES/FUNDING SOURCE

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$15,893.64	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$3,973.41	Local 5303 (10%)	\$0
PL Subtotal	\$19,867.04	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			19,867.04

4.12 TRANSPORTATION IMPROVEMENT PROGRAM

Task Objective/Purpose

The Transportation Improvement Program provides a schedule of DOT and local road improvement activities and serves as a budgetary document. The document is derived from information provided by DOT and through BATS committee meetings and public input. This includes a town hall meeting as part of the PIP.

Past Performance

Developed the FY2015-2018 TIP.

Methodology/Workscope

1. The development of the TIP includes soliciting input from individuals and groups at the local and state level to help in the process of setting priorities among projects. Resources are included to prepare and print the actual document;
2. Included in the document is an identification of the source and amount of local, state, and federal funds required to finance proposed transit capital improvements and operations. This element will fund planning staff activity in preparing the transit portion of the TIP for FY 2015-2018. Copies of the TIP will be provided to interested public parties.

Products

- Approved TIP document for 2015-2018

Responsible Agency

The Glynn County Community Development Department

Activities

Table 4.12.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
						X	X	X	X	X	X

Table 4.12.2 COST ESTIMATES/FUNDING SOURCE

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$7,000.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$1,750.00	Local 5303 (10%)	\$0
PL Subtotal	\$8,750.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			8,750.00

4.13 SPECIAL TRANSPORTATION STUDIES

Task Objective/Purpose

This element will provide the MPO with the capability to develop planning studies to meet identified needs in the TIP or in response to locally identified transportation problems. The MPO will also respond to requests from other agencies or the general public and address planning needs not otherwise covered in the UPWP.

Past Performance

1. Began a corridor study and environmental assessments for projects with high priority (extension of 25 Spur, improvements to Highway 99);
2. Continued to implement new traffic modeling software;
3. Hired consultants to study Highway 341/Ross Road, Altama Connector/Spur 25.

Methodology/Workscope

1. Use professional services to update the functional classification system to enhance local networks system, and continue to develop a traffic modeling network. There are several corridors that have been determined to be a high priority to ensure adequate traffic circulation in the county. It is suggested that these corridors be studied when necessary to determine the impacts that future growth will have on roadways, and what improvements need to be made to ensure capacity and an acceptable level of service;
2. It may be necessary to have an “on-call” consultant to run periodic modeling when changes to the county occur that will have an impact on the roadways. In addition, the MPO will implement a traffic modeling program using CUBE software.

Products

1. Functional Classification System: Updated system for use in future planning;
2. A functional traffic modeling network;
3. Studies on intersections and or corridors as needed.

Responsible Agency

The Glynn County Community Development Department

Activities

4.13.1 FURTHER STUDIES, CORRIDOR STUDIES:

Address transportation needs within the construction and development perimeter to aid in the development of the urban transportation network. A sector study may be used to coordinate land use, transportation, transit and bike/pedestrian facilities.

Table 4.13.1 Schedule of Activities

2015						2016					
July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
X	X	X	X	X	X	X	X	X	X	X	X

Table 4.13.2 COST ESTIMATES/FUNDING SOURCE

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$159,342.91	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$39,835.73	Local 5303 (10%)	\$0
PL Subtotal	\$199,178.64	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			199,178.64

SECTION 5 SUMMARY BUDGET TABLE

Table 5.1 SUMMARY BUDGET TABLE

2016	PL Funds			
Work Element Number & Title	FHWA PL	GDOT Match	Local Match	Total PL
1. Administration				
1.1 Program Coordination	\$8,000.00	\$0.00	\$2,000.00	\$10,000.00
1.2 Operations/Administration	\$12,000.00	\$0.00	\$3,000.00	\$15,000.00
1.3 Staff Education	\$1,500.00	\$0.00	\$375.00	\$1,875.00
1.4 Equipment and Supplies	\$6,000.00	\$0.00	\$1,500.00	\$7,500.00
1.5 Contracts/Grants	\$0.00	\$0.00	\$0.00	\$0.00
1.6 UPWP	\$2,000.00	\$0.00	\$500.00	\$2,500.00
2. Public Involvement				
2.1 Community Outreach	\$11,000.00	\$0.00	\$2,750.00	\$13,750.00
2.2 Environmental Justice	\$5,800.00	\$0.00	\$1,450.00	\$7,250.00
2.3 Participation Plan	\$3,500.00	\$0.00	\$875.00	\$4,375.00
3. Data Collection				
3.1 Socioeconomic Data	\$500.00	\$0.00	\$125.00	\$625.00
3.2 Land Use Monitoring	\$2,000.00	\$0.00	\$500.00	\$2,500.00
3.3 Air Quality Management	\$0.00	\$0.00	\$0.00	\$0.00
3.4 Trans. Models, and Analysis	\$1,500.00	\$0.00	\$375.00	\$1,875.00
3.5 System Monitoring	\$1,500.00	\$0.00	\$375.00	\$1,875.00
3.6 Census Coordination	\$1,000.00	\$0.00	\$250.00	\$1,250.00
4. System Planning				
4.1 Congestion Management	\$3,000.00	\$0.00	\$750.00	\$3,750.00
4.2 Transit/Paratransit	\$0.00	\$0.00	\$0.00	\$0.00
4.3 Intermodal (port, air, rail)	\$500.00	\$0.00	\$125.00	\$625.00
4.4 Air Quality	\$0.00	\$0.00	\$0.00	\$0.00
4.5 Pedestrian/Bike Plan	\$1,000.00	\$0.00	\$250.00	\$1,250.00
4.6 Model Dev. & Applications	\$1,000.00	\$0.00	\$250.00	\$1,250.00
4.7 GIS Dev. & Applications	\$3,000.00	\$0.00	\$750.00	\$3,750.00
4.8 Highway Planning	\$3,000.00	\$0.00	\$750.00	\$3,750.00
4.9 ITS	\$0.00	\$0.00	\$0.00	\$0.00
4.10 Freight Planning	\$500.00	\$0.00	\$125.00	\$625.00
4.11 Long Range Planning	\$15,893.64	\$0.00	\$3,973.41	\$19,867.04
4.12 Trans. Improvement Plan	\$7,000.00	\$0.00	\$1,750.00	\$8,750.00
4.13 Special Trans. Studies	\$159,342.91	\$0.00	\$39,835.73	\$199,178.64
Subtotals	\$250,536.54	\$0.00	\$62,634.14	\$313,170.68
Fund Totals	\$313,170.68			