

**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

Introduction

The FY 2016 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.

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:

- I. PROGRAM ADMINISTRATION
- II. PUBLIC INVOLVEMENT
- III. DATA COLLECTION
- IV. 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 as many as possible of the planning factors encouraged by Moving Ahead for Progress in the 21st Century (MAP-21) as possible. These are:

- A. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency
- B. Increase the safety of the transportation system for motorized and non-motorized users
- C. Increase the security of the transportation system for motorized and non-motorized users
- D. Increase the accessibility and mobility of people and for freight
- E. 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
- F. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight
- G. Promote efficient system management and operation
- H. Emphasize the preservation of the existing transportation system

SECTION I

PROGRAM ADMINISTRATION

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.

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

Specific administrative accomplishments included, but were not limited to, the preparation of grant reports, miscellaneous meeting minutes, and agenda preparation. Various copying and reproduction tasks are also included within the element.

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:

Policy Committee minutes

Technical Coordinating Committee minutes
 Minutes for other committees as resources permit
 Handouts and mail-outs
 PL quarterly reports and reimbursement requests
 Correspondence as required
 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

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

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

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.

Past Performance

Purchased and maintained equipment to support BATS planning activities. 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

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

Cost Estimates/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

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.

Past Performance

Completion and adoption of the FY2015 ~~FY2014~~ UPWP-the final document 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; ~~Development of draft and final UPWP. Draft UPWP by December 15; Adoption by April 13.~~ At their December 15 meeting, the BATS Policy Committee discussed the total funds (\$89,617.04) that will be available for FY 2016. The final FY 2016 UPWP will be presented for final adoption at the February meeting.

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	

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 II

PUBLIC INVOLVEMENT

Cost Estimates/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

Cost Estimates/Funding Sources

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$800.00	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$200.00	Local 5303 (10%)	\$0
PL Subtotal	\$1,000.00	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			\$1,000.00

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.

Past Performance

This will be an on-going element in the BATS Regional Transportation Study Unified Planning Work Program. Public notice given for regular committee meetings, Committee meetings posted and **MTP (formerly known as LRTP)** schedule developed and placed on the transportation website. Transportation website updated; quarterly maintenance is required to keep website updated.

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 LRTP** and identify Environmental Justice populations with GIS

2.3.3 Maintain Stakeholder List

Continue development and maintenance of computer-based stakeholder list.

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

Cost Estimates/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

SECTION III

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

Continue to collect and develop data for next MTP LRTP, 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.

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.

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 LRTP.

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.

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

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

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

Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$1,500.00	FTA Sect. 5303 (80%)	\$0.00
		GDOT 5303 (10%)	\$0.00
LOCAL PL (20%)	\$375.00	Local 5303 (10%)	\$0.00
PL Subtotal	\$1,875.00	Sect 5303 Subtotal	\$0.00
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

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.

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 L RTP**.

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.

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

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

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 IV

SYSTEM PLANNING

Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$3,000.00	FTA Sect. 5303 (80%)	\$0.00
		GDOT 5303 (10%)	\$0.00
LOCAL PL (20%)	\$750.00	Local 5303 (10%)	\$0.00
PL Subtotal	\$3,750.00	Sect 5303 Subtotal	\$0.00
Total funds (available for local costs)			\$3,750.00

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

Cooperate 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.

Schedule of Activities

20145						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

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

4.5 BIKE / PEDESTRIAN FACILITY PLANNING

Task Objectives/Purpose

Update **MTP LRTP** 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

Worked with local developments in the planning process to identify bike and pedestrian routes to coordinate with the development of public facilities. Implementing 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

~~Updated inventory and map of current and planned bike and pedestrian facilities, and the continuation~~ Continuation of committee work for construction and maintenance of pathways to be included in the **MTP LRTP** 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.

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

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** L RTP 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** L RTP.

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.

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

Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$1,000.00	FTA Sect. 5303 (80%)	\$0.00
		GDOT 5303 (10%)	\$0.00
LOCAL PL (20%)	\$250.00	Local 5303 (10%)	\$0.00
PL Subtotal	\$1,250.00	Sect 5303 Subtotal	\$0.00
Total funds (available for local costs)			\$1,250.00

4.7 GEOGRAPHIC 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

Assist 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.

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

Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$3,000.00	FTA Sect. 5303 (80%)	\$0.00
		GDOT 5303 (10%)	\$0.00
LOCAL PL (20%)	\$750.00	Local 5303 (10%)	\$0.00
PL Subtotal	\$3,750.00	Sect 5303 Subtotal	\$0.00
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

The BATS MPO 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.

The BATS staff 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.

MPO staff 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.

4.8.3 (a) Right-of-Ways Preservation Program

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

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

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

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

4.11 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 LRTP**, and addressing the condition and future needs of arterials and major streets through Corridor Planning.

Past Performance

Maintenance of the 2035 **MTP LRTP**.

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 LRTP** 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** LRTP when needed.

4.11.2 Agency Participation Plan

Review and amend **MTP** LRTP to ensure continuous compliance.

4.11.3 Identify local environmental and historical resources

Review and amend sites on maps to ensure continuous compliance

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

Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$893.63	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$223.41	Local 5303 (10%)	\$0
PL Subtotal	\$1117.04	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			\$1117.04

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

Development of FY 2015-2018 TIP. Annual document outlines project schedule and costs for three-year period. Draft to be developed Spring 2015, to be adopted June 2015.

Methodology/Workscope

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.

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

4.12.1 Document Preparation

Annual document outlines project schedule and costs for three year period. Draft to be developed Spring 2015, to be adopted June 2015.

Schedule of Activities

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

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

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

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

Methodology/Workscope

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.

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

Functional Classification System: Updated system for use in future planning

A functional traffic modeling network.

Studies on intersections and or corridors as needed

Responsible Agency

The Glynn County Community Development Department

Activities

4.13.1 Functional Classification System: Update of Functional Classification System for local road network using findings of travel demand forecasting. This will be completed by the implementation of traffic modeling software.

4.13.1 ~~4.13.2~~ Further Studies, Corridor Studies: To address 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** ~~transit~~ and bike/pedestrian facilities.

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

Cost Estimates/Funding Source

FUNDING SOURCE	AMOUNT	FUNDING SOURCE	AMOUNT
FHWA PL (80%)	\$45,423.41	FTA Sect. 5303 (80%)	\$0
		GDOT 5303 (10%)	\$0
LOCAL PL (20%)	\$11,355.85	Local 5303 (10%)	\$0
PL Subtotal	\$56,779.26	Sect 5303 Subtotal	\$0
Total funds (available for local costs)			\$56,779.26

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	\$8,000.00	\$0.00	\$2,000.00	\$10,000.00
1.3 Staff Education	\$1,500.00	\$0.00	\$375.00	\$1,875.00
1.4 Equipment and Supplies	\$1,000.00	\$0.00	\$250.00	\$1,250.00
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	\$1,000.00	\$0.00	\$250.00	\$1,250.00
2.2 Environmental Justice	\$800.00	\$0.00	\$200.00	\$1,000.00
2.3 Participation Plan	\$500.00	\$0.00	\$125.00	\$625.00
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	\$893.63	\$0.00	\$223.41	\$1,117.04
4.12- Trans. Improvement Plan	\$2,000.00	\$0.00	\$500.00	\$2,500.00
4.13- Special Trans. Studies	\$45,423.41	\$0.00	\$11,355.85	\$56,779.26
Subtotals	\$89,617.04	\$0.00	\$22,404.26	\$112,021.30
Fund Totals	\$112,021.30			