

# FY 2018

## Unified Planning Work Program



In accordance with Title VI of the Civil Rights Act of 1964 and other nondiscrimination laws, public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, familial, or income status.

Prepared by the Gainesville-Hall  
Metropolitan Planning Organization  
In cooperation with  
Hall Area Transit  
Georgia Department of Transportation  
Federal Highway Administration  
Federal Transit Administration  
Hall County Government



Adopted: November 14, 2017

## **A Resolution by the Gainesville-Hall Metropolitan Planning Organization Policy Committee Amending the FY 2018 Unified Planning Work Program**

**WHEREAS**, the Gainesville-Hall Metropolitan Planning Organization is the designated Metropolitan Planning Organization for transportation planning within the Gainesville Metropolitan Area Boundary which includes all of Hall County and a portion of Jackson County following the 2010 Census; and

**WHEREAS**, Fixing America's Surface Transportation (FAST) Act requires the Metropolitan Planning Organization to develop and adopt a Unified Planning Work Program; and

**WHEREAS**, the Unified Planning Work Program is consistent with all plans, goals, and objectives of the Gainesville-Hall Metropolitan Planning Organization.

**NOW, THERE, BE IT RESOLVED** that the Gainesville-Hall Metropolitan Planning Organization amends the FY 2018 Unified Planning Work Program for the period from July 1, 2017 to June 30, 2018.

A motion was made by PC member Bryan Lackey and seconded by PC member Benny Bagwell and approved this the 14<sup>th</sup> of November, 2017.

Lamar Scroggs  
Mayor Lamar Scroggs, Chair  
GHMPO Policy Committee

Subscribed and sworn to me this the 14<sup>th</sup> of  
November, 2017.



Morgan Ewing  
Notary Public

My commission expires May 22, 2020

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# **INTRODUCTION**

## **A. Purpose of the Unified Planning Work Program**

The Fiscal Year 2018 Unified Planning Work Program (UPWP) describes the organization's planning goals and activities, provides cost estimates for each activity, identifies funding sources, and outlines a work schedule for the period July 1, 2017 through June 30, 2018. The document is organized into five major sections as follows:

1. Administration
2. Public Involvement
3. Data Collection
4. System Planning
5. Proposed Funding Source By Task

The five sections of the UPWP include information on the parties responsible for carrying out the various planning activities. These activities are mostly geared towards the preparation and development of the Long-Range Transportation Plan (LRTP) with at least a 20-year horizon and a Transportation Improvement Program (TIP) which defines funded projects over four years. Public participation is an integral part throughout the planning process.

## **B. FAST Act Planning Factors**

The transportation planning process must explicitly address the eleven planning factors identified by the Fixing America's Surface Transportation Act (FAST Act), 23 CFR 450 Subpart C, 23 CFR 420 Subpart A, and 49 CFR Subtitle A, listed below:

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 surface transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility options available to people and for freight;
5. Protect and enhance the environment, promote energy conservation, and improve quality of life;
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;
9. Improve transportation system resiliency and reliability;
10. Reduce (or mitigate) the storm water impacts of the surface transportation; and
11. Enhance travel and tourism.

The overall planning program is designed to comply with the requirements of FAST Act which was signed into law on December 4, 2015. It encourages MPOs to address the planning factors listed above when solving current and future transportation issues.



### C. Planning Emphasis Areas (PEAs)

On April 23, 2014, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) jointly issued the Planning Emphasis Areas (PEAs), which include transition to performance based planning and programming as per FAST Act, 23 CFR 450 Subpart C, 23 CFR 420 Subpart A, and 49 CFR Subtitle A, cooperation and coordination across MPO boundaries and across State boundaries where appropriate to ensure a regional approach to transportation planning, and access to essential services in which the transportation planning process identifies transportation connectivity gaps and solutions to address those gaps.

The FAST Act federal transportation regulations and guidelines outline planning emphasis areas as (1) FAST Act Implementation, (2) Regional Models of Cooperation, and (3) Ladders of Opportunity. MPOs are required to include these emphasis areas in the FY 2018 UPWP. The GHMPO transportation planning process will include the following planning emphasis areas addressed in the UPWP work elements as listed below:

- FAST Act Implementation – Transition to performance-based planning and programming. Performance-based planning and programming includes using transportation performance measures, setting targets, reporting performance, and programming transportation investments directed towards the achievement of transportation system performance outcomes. GHMPO will address this planning emphasis area by coordinating and collaborating with GDOT, FHWA, and FTA on establishment of performance measures, and then collect and compile the necessary data to measure such performance. In addition, GHMPO will address this planning emphasis area through the implementation of the following UPWP work elements:
  - *4.4 Long-Range Plan* – Continue to manage the implementation of the transportation projects in the 2040 RTP update.
  - *4.5 Transportation Improvement Program* – Amend the TIP, as necessary.
- Regional Models of Cooperation - Ensure a regional approach to transportation planning by promoting cooperation and coordination across transit agency, local government, and MPO boundaries to improve the effectiveness of transportation decision making. A coordinated approach supports common goals and capitalizes on opportunities related to project delivery, congestion management, safety, freight, livability and commerce across boundaries. GHMPO will address this planning emphasis area by coordinating and collaborating with the Atlanta Regional Commission through interagency consultation and development of performance measures for the region. GHMPO will further work with neighboring local governments on projects that cross jurisdictional boundaries. In addition, GHMPO will address this planning emphasis area through the implementation of the following UPWP work elements:
  - *1.1 Operations and Administration* – Provide opportunities for an open and inclusive process assuring continuing, comprehensive, and cooperative decision making with all jurisdictions in the GHMPO planning area. Coordinate/participate with other resource agencies at both state and local level on various project specific and/or on-going activities. Work with the Georgia Association of Metropolitan Planning Organizations (GAMPO) and other state and national organizations on the role of MPOs in statewide and metropolitan transportation planning. Support statewide GAMPO activities through participation in meetings and events.
  - *4.1 Intermodal Planning* – Pursue Hall County Trails Initiative with the citizen initiated trails group. Work with Hall Area Transit on transit expansion or improvement initiatives.

- Ladders of Opportunity – Access to essential services. GHMPO, along with Hall Area Transit, will identify transportation connectivity gaps in accessing essential services such as employment, healthcare, schools/education and recreation. In addition, GHMPO will address this planning emphasis area through the implementation of the following UPWP work elements:
  - *1.1 Operations and Administration* – Provide opportunities for an open and inclusive process assuring continuing, comprehensive, and cooperative decision making with all jurisdictions in the GHMPO planning area.
  - *2.1 Community Outreach/Education* – Research potential procedures to evaluate the effects of development and transportation investments on communities including environmental justice issues. Continue to explore ways to make the GHMPO transportation planning process more transparent and inclusionary.
  - *4.1 Intermodal Planning* – Pursue Hall County Trails Initiative with the citizen initiated trails group. Work with Hall Area Transit on transit expansion or improvement initiatives.

#### **D. Gainesville-Hall Metropolitan Planning Organization (GHMPO) Planning Process**

The UPWP originated from the Federal-Aid Highway Act of 1973 and is prepared annually to describe the ongoing transportation planning process for a Metropolitan Planning Organization (MPO). FAST Act, 23 CFR 450 Subpart C, 23 CFR 420 Subpart A, and 49 CFR Subtitle A, is the most recent law establishing federal surface transportation policy and funding reauthorizations.

As the designated MPO for the Gainesville-Hall Area, the Gainesville-Hall Metropolitan Planning Organization is responsible under Section 134 of Title 23, United States Code, for carrying out a “continuing, cooperative and comprehensive” (3-C) transportation planning process. The process uses three committees (Policy Committee (PC) – the decision making body, Technical Coordinating Committee (TCC) – the staff, and Citizens Advisory Committee (CAC) – the public) to develop and carry out a comprehensive transportation planning process and to ensure that programs, improvements, and expenditures are consistent with regional goals, policies, and plans.

- The Policy Committee is the decision making body and is represented by elected officials from the member jurisdictions and an official from the Georgia Department of Transportation (GDOT). The committee is responsible for taking into consideration the recommendations from the Citizens Advisory Committee and the Technical Coordinating Committee when adopting plans or setting policy.
- The Technical Coordinating Committee membership includes staff from the member jurisdictions, various federal, state, and local agencies and associations that have a technical knowledge of transportation or planning. The TCC evaluates transportation plans and projects based on whether or not they are technically warranted and financially feasible.
- The Citizens Advisory Committee consists of volunteer members who are interested in transportation issues. They are appointed by their member jurisdictions. The CAC is responsible for ensuring that values and interests of the citizens in Hall County and a portion of Jackson County are taken into consideration in the transportation planning process.

The following agencies have roles in the development, implementation, approval of, and/or funding of this UPWP:

#### U.S. Department of Transportation

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) jointly approve the UPWP. These two federal agencies provide valuable input into the process leading to the development of this document.

FHWA develops regulations, policies, and guidelines to achieve safety, access, economic development, and other goals of FHWA programs, and provides federal financial resources, technical training, education, and assistance to state and local transportation agencies.

FTA provides financial assistance and oversees grants to state and local transit providers, primarily through its regional and metropolitan offices. FTA is responsible for ensuring that grantees follow federal mandates along with statutory and administrative requirements.

#### Georgia Department of Transportation

The Georgia Department of Transportation (GDOT) serves as the liaison between the MPO, the state, and the United States Department of Transportation (USDOT). The MPO works cooperatively with GDOT on various transportation tasks, which include: Transportation Improvement Program, Long Range Transportation Plan, and Travel Demand Modeling. GDOT is the direct recipient of federal planning funds, and the MPOs are sub-recipients of these funds. Therefore, GDOT provides grant oversight of Federal Planning (PL) funds. GDOT also reviews and approves UPWPs and TIPs before requesting concurrency from FHWA and FTA.

### **E. GHMPO's Planning Priorities in FY 2018**

The GHMPO will work towards the following 10 planning priorities in FY 2018:

1. Amend the Regional Transportation Plan through agency, stakeholder, and public coordination, as necessary.
2. Amend the Transportation Improvement Program, as necessary.
3. Provide a more integrated multimodal and intermodal transportation system that increases travel options by prioritizing transit, pedestrian, and bicycle travel throughout the region.
4. Maintain and improve transportation system safety and security for motorists, transit riders, pedestrians, and bicyclists.
5. Take steps to continually monitor and maintain the transportation system.
6. Develop a transportation system that conserves energy, maintains the attainment of air quality standards, protects the natural environment and minimizes adverse impacts.
7. Provide a transportation system that provides for the movement of people and goods safely and efficiently and advances the region's economic competitiveness.
8. Develop a transportation system that is efficient by integrating transportation planning with land use decisions and other comprehensive planning tools.
9. Complete the Regional Freight Study undertaken in FY 2017.
10. Complete the second phase of Green Street Corridor Study undertaken in FY 2017.

## **TASK # 1: ADMINISTRATION**

### **Sub-Element 1.1: Operations and Administration**

#### **Objective**

- Coordinate and conduct the transportation planning activities of the GHMPO in compliance with all federal, state, and local laws, regulations and requirements.
- Provide overall management of GHMPO's transportation planning program, and ensure compliance with applicable federal and state requirements.
- Support various transportation related committees and ensure communication among and between the committees.
- Manage the staff contributing to planning activities.
- Monitor consultant contracts performed as part of the MPO process.

#### **Previous Work**

- In FY 2017, the three GHMPO committees had three regular meetings. Meeting minutes were prepared and later archived on the GHMPO website.
- Quarterly reports, reimbursable forms, and an annual report were prepared and submitted to the GDOT Planning Office.
- Attended Interagency Consultation Group meetings.
- Coordinated and worked with local governments and agencies regarding rulemaking on MPO planning area reform and performance measures development.
- Represented GHMPO on Atlanta Regional Commission's Transportation Coordinating Committee.
- Attended various project specific meetings with GDOT, ARC, and other local agencies.
- Appointed new members to the Citizens Advisory Committee.
- Upon request, presented information on the GHMPO structure and current projects to local jurisdictions.
- GHMPO was an active member of the Association of Metropolitan Planning Organizations (AMPO).
- GHMPO cooperated with GDOT on an audit of local match for federal planning grant.

#### **Project Description**

- Provide opportunities for an open and inclusive process assuring continuing, comprehensive, and cooperative decision making with all jurisdictions in the GHMPO planning area.
- Prepare proper study records for the development of progress and performance reports, certification, and reimbursement procedure.
- Coordinate activities of the GHMPO committees, including arranging meetings and preparing meeting minutes.
- Continue coordination surrounding the regional transportation planning activities.
- Coordinate/participate with other resource agencies at both state and local level on various project specific and/or on-going activities.
- Work with the Georgia Association of Metropolitan Planning Organizations (GAMPO) and other state and national organizations on the role of MPOs in statewide and metropolitan transportation planning. Support statewide GAMPO activities through participation in meetings and events.
- Staff will continue to inform the MPO committees of legislative and regulatory actions impacting transportation planning and funding.



- The GHMPO will continue to provide staff that will be the local expert in transportation areas, assisting planning partners in transportation project development, building consensus and value in alternatives analysis, shared planning products, and providing a forum for regional decision making.
- Task # 1.1 will address GHMPO planning priority numbers 7 through 11.

#### Product

- GHMPO committee meeting agendas and minutes
- Quarterly FY 2018 Reports and an Annual Performance Report FY 2018
- Accounting narratives and invoices

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Operations and administration

TARGET START AND END DATES	7/1/2017 - 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$138,194.37
LOCAL IN-KIND MATCH (20%)	\$34,548.59
<b>TOTAL</b>	<b>\$172,742.96</b>

## **TASK # 1: ADMINISTRATION**

### **Sub-Element 1.2: Training/Employee Education**

#### **Objective**

Develop staff knowledge of transportation planning through relevant workshops and conferences.

#### **Previous Work**

In relation to the MPO activities, staff attended the following:

- 2016 Association of Metropolitan Planning Organizations Annual Conference in Fort Worth, Texas - attended by Sam Baker and Joseph Boyd
- 2016 Georgia Planning Association Fall Conference in Augusta, Georgia - attended by Sam Baker and Joseph Boyd
- 2017 American Planning Association National Conference in New York - attended by Srikanth Yamala
- Georgia Walks Summit in Macon, Georgia - attended by Sam Baker and Joseph Boyd
- GAMPO annual meeting in Atlanta, Georgia - attended by Sam Baker, Srikanth Yamala, and Joseph Boyd
- GAMPO meeting in Albany, Georgia – attended by Sam Baker and Joseph Boyd

#### **Project Description**

- Staff plans to attend the 2017 Association of Metropolitan Planning Organizations Annual Conference in Savannah, Georgia.
- Staff plans to attend the 2018 American Planning Association National Conference in New Orleans, Louisiana.
- Staff plans to attend the fall and spring conferences of the Georgia Planning Association (locations not yet announced).
- Staff may attend other transportation related conferences, seminars and courses including those offered by the National Highway Institute (NHI), Transportation Research Board (TRB), U.S. Environmental Protection Agency (EPA), Georgia Environmental Protection Division (EPD), FHWA, FTA, and GDOT.
- Task # 1.2 will address GHMPO planning priority numbers 7 through 11.

#### **Product**

- Ongoing staff improvement and education

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Training and employee education

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$18,000.00
LOCAL IN-KIND MATCH (20%)	\$4,500.00
<b>TOTAL</b>	<b>\$22,500.00</b>

## **TASK # 1: ADMINISTRATION**

### **Sub-Element 1.3: Equipment and Supplies**

#### **Objective**

- Maintain computer systems used by the MPO for relevant transportation planning activities.
- Acquire software and hardware, as necessary, to maintain the MPO's transportation planning process.
- Purchase Geographic Information System (GIS) software and application materials for system planning.
- Purchase necessary office equipment to operate the MPO.

#### **Previous Work**

- Office supplies (envelopes, folders, appointment books, pens, name badges, and calendar) were acquired.

#### **Project Description**

- Maintain computer systems and other office equipment used by the MPO in line with relevant transportation planning activities.
- Task # 1.3 will address GHMPO planning priority numbers 7 through 11.

#### **Product**

- Adequate technology and office equipment to operate the MPO.

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Equipment and supplies

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$2,000.00
LOCAL IN-KIND MATCH (20%)	\$500.00
<b>TOTAL</b>	<b>\$2,500.00</b>

## **TASK # 1: ADMINISTRATION**

### **Sub-Element 1.4: UPWP**

#### **Objective**

- Identify work tasks undertaken by the GHMPO to address metropolitan area transportation planning.
- Collect public and committee input on a proposed FY 2018 UPWP.
- Take into consideration MPO progress made on FY 2017 UPWP.
- Develop and draft final UPWP.

#### **Previous Work**

- Developed FY 2018 UPWP and annual budget.
- Submitted GHMPO's FY 2017 Annual Performance Report to GDOT.
- Program was reviewed and approved by the three committees.
- Legal advertisement was published in the *Gainesville Times* seeking public comment on draft FY 2018 UPWP, per the Participation Plan.
- Draft UPWP was posted on the GHMPO website for public review.

#### **Project Description**

- Identify transportation planning work tasks and sub-elements, prepare descriptive narrative and cost estimate for each sub-element, and coordinate input for the FY 2018 UPWP.
- Consider Planning Emphasis Areas (PEAs) under each work task.
- Task # 1.4 will address GHMPO planning priority numbers 1 through 6.

#### **Product**

- Adopted FY 2019 UPWP by June 2018

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	UPWP

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$10,000.00
LOCAL IN-KIND MATCH (20%)	\$2,500.00
TOTAL	\$12,500.00



## **TASK # 2: PUBLIC INVOLVEMENT**

### **Sub-Element 2.1: Community Outreach/Education**

#### **Objective**

- Gain input from the general public on transportation planning.
- Comply with the federal and local public participation requirements.
- Provide opportunities for convenient public access to review and comment on the GHMPO planning and programming documents and the data and processes leading to those documents.
- Identify and involve stakeholders and traditionally underserved groups in the transportation planning process.

#### **Previous Work**

- Published legal advertisements in the Times seeking public input on all MPO document updates and amendments (UPWP, TIP, RTP, Participation Plan, Title VI/EJ document, etc.).
- Delivered presentations to various stakeholder groups, such as Greater Hall Chamber of Commerce Issues Committee and Martin Road Corridor Study Stakeholder Committee, on transportation issues.
- Updated and maintained a website on MPO activities.
- Communicated with the Martin Road community and the stakeholder committee via website, e-mail, and telephone on Martin Road corridor analysis.
- Organized a public meeting with the Martin Road community to discuss and seek community input on alternatives to Martin Road widening and alternative connections between I-985 and SR 53.
- Held Hall Area Transit (HAT) driver workshop and public information sessions to seek input on HAT Transit Development Plan.
- Formed a Freight Advisory Committee as part of the Regional Freight Study. Communicated via email and held meetings with the Freight Advisory Committee regarding regional freight issues.
- Updated and expanded mail and e-mail contact lists of citizens and stakeholders.
- Interviewed with the Gainesville Times and AccessWDUN on current local transportation topics for news dissemination.

#### **Project Description**

- Provide opportunity for public comment and review on various GHMPO and Hall Area Transit (HAT) documents and activities.
- Establish and maintain a record-keeping system that documents official actions of transportation planning processes and related public review.
- Advertise the availability of draft documents for public review and comment.
- Research potential procedures to evaluate the effects of development and transportation investments on communities including environmental justice issues. This is an ongoing activity.
- Provide adequate notice of GHMPO activities as outlined in the Participation Plan.
- Maintain and update the GHMPO website.
- Maintain and update database of community stakeholders for mail and electronic notification of transportation activities.
- Review and update the Participation Plan as appropriate. Annually report on the status of the Participation Plan, Title VI compliance, Environmental Justice outreach, and Limited English

Proficiency analysis. Staff will annually attend training events for ADA, Title VI, EJ, and LEP, as available.

- Continue to engage the Citizens Advisory Committee through innovative and new public involvement techniques to increase participation and public outreach.
- Continue to develop visualization tools and techniques to better communicate the transportation planning process, MPO plans, and programs for the public and local officials.
- The GHMPO will continue to carry out the strategies and policies identified in the Participation Plan for all documents and plans, as appropriate, including the 2040 RTP update.
- Continue to explore ways to make the GHMPO transportation planning process more transparent and inclusionary.
- Task # 2.1 will address GHMPO planning priority numbers 1 through 6.

#### Product

- Ongoing community outreach and education
- Updated GHMPO website
- Updated mailing list
- Updated e-mail list

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Community outreach & education

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$8,000.00
LOCAL IN-KIND MATCH (20%)	\$2,000.00
<b>TOTAL</b>	<b>\$10,000.00</b>

## **TASK # 3: DATA COLLECTION**

### **Sub-Element 3.1: Socioeconomic Data, Models, and Analysis**

#### **Objective**

- Collect and prepare socioeconomic data for the development of long-range transportation plan and transportation studies.
- Gather information on existing and future land use patterns for the development of long-range transportation plan and transportation studies.
- Collect and analyze data for the development and update of transportation plan and studies.
- Areas covered include appropriate database development and maintenance for transportation planning issues and activities leading to the Regional Transportation Plan (RTP) and TIP.
- As needed for transportation planning efforts, use technical data – such as Average Annual Daily Traffic (AADT) and GIS mapping to provide important tools in the development of the TIP, RTP, and other MPO planning efforts.

#### **Previous Work**

- Applied 2010 base year and 2040 future year socioeconomic data from the Gainesville-Hall Regional Transportation Plan: 2015 Update in Hall County's comprehensive plan update.
- Coordinated with ARC on air quality modeling for emission analysis and air quality conformity determination.

#### **Project Description**

- Monitor socioeconomic data, and update, as necessary.
- Continue to assist in the update of the Hall County comprehensive plan by incorporating the transportation analysis and recommendations from the RTP update.
- Receive input on land use from the Hall County comprehensive plan update process.
- Track land use and growth patterns of the GHMPO planning area and incorporate into the RTP, the regional travel demand model, and the Transportation Demand Management (TDM), as needed.
- Continue to use GIS as an analytical and data management tool in spatial work projects including RTP updates and demographic studies.
- As requested, attend meetings with local and regional agencies for data sharing regarding the Atlanta non-attainment area and planning data needs.
- Task # 3.1 will address GHMPO planning priority numbers 1 through 6.

#### **Product**

- Updated existing and future land use maps of Hall County by June 2018

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Data review and update

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$5,000.00
LOCAL IN-KIND MATCH (20%)	\$1,250.00
<b>TOTAL</b>	<b>\$6,250.00</b>

## **TASK # 4: SYSTEM PLANNING**

### **Sub-Element 4.1: Intermodal Planning**

#### **Objective**

- Plan for intermodal modes of transportation.

#### **Previous Work**

- Initiated Hall County Trails Initiative to implement the recommendations of the bicycle and pedestrian plan leading to the grand opening of the Chicopee section of the Highlands to Islands Trails in Hall County.
- Met with Gwinnett County officials and its consultants for Gwinnett County's transportation plan update to coordinate intermodal planning initiatives between Gwinnett County and GHMPO.
- Developed a 5-year Transit Development Plan for Hall Area Transit with recommendations for fleet, service enhancement, and service expansion.

#### **Project Description**

- Pursue Hall County Trails Initiative with the citizen initiated trails group.
- Work with Hall Area Transit on transit expansion or improvement initiatives.
- Task # 4.1 will address GHMPO planning priority numbers 4, 7, and 8.

#### **Product**

- Assistance to local governments on trails grant applications
- Gainesville Connection and Hall Area Transit service expansion/enhancement

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Intermodal planning

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$5,000.00
LOCAL IN-KIND MATCH (20%)	\$1,250.00
<b>TOTAL</b>	<b>\$6,250.00</b>



## **TASK # 4: SYSTEM PLANNING**

### **Sub-Element 4.2: GIS & Model Development and Applications**

#### **Objective**

- Develop and update travel demand and air quality models for long-range of transportation plan.
- Apply GIS to develop maps for transportation plans and studies.

#### **Previous Work**

- Analyzed the U.S. Department of Transportation's proposed rules on MPO coordination and planning area reform using GIS.
- Developed GIS maps for freight study.
- Conducted sidewalk inventory using GIS.
- Updated Hall County and Jackson County crash profiles, mapped crashes, and identified high crash locations.
- Analyzed share of population among the local governments in the GHMPO planning area.
- Developed maps for proposed Exit 14 interchange on I-985 and Martin Road corridor analysis.
- Developed maps to assist a citizens group explore alternatives for a bypass in north Hall County.

#### **Project Description**

- Review and provide the outputs of the travel demand models, as necessary.
- Create GIS maps, as necessary, for analysis.
- Task # 4.2 will address GHMPO planning priority numbers 7 through 11.

#### **Product**

- Travel demand model outputs and GIS maps by June 2018

<b>TRANSPORTATION RELATED PLANNING ACTIVITIES</b>	
<b>ORGANIZATION</b>	<b>ACTIVITIES</b>
GDOT	Travel demand model development
GHMPO	Travel demand model & GIS applications

<b>TARGET START AND END DATES</b>	7/1/2017 – 6/30/2018	<b>LEAD AGENCY</b>	GDOT
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<b>FUNDING SOURCE</b>	<b>AMOUNT</b>
FHWA (80%)	\$5,000.00
LOCAL IN-KIND MATCH (20%)	\$1,250.00
<b>TOTAL</b>	<b>\$6,250.00</b>

## **TASK # 4: SYSTEM PLANNING**

### **Sub-Element 4.3: Long-Range Plan**

#### **Objective**

- The Long-Range Transportation Plan (LRTP) provides the basis for transportation investment of regionally significant projects and programs within the planning area. The LRTP addresses various modes of transportation as well as the safety and security of the region's transportation system. The long-range 2040 RTP is the latest version of the LRTP document.
- Develop and update a long-range, multi-modal LRTP for the GHMPO planning area. This is a continuing work element.

#### **Previous Work**

- Implemented the transportation projects in the 2016-2019 Transportation Improvement Program from the 2040 RTP update.
- Amended the RTP, per request from GDOT, to add projects for funding and implementation.

#### **Project Description**

- Continue to manage the implementation of the transportation projects in the 2040 RTP update.
- Task # 4.3 will address GHMPO planning priority number 1.

#### **Product**

- Gainesville-Hall Regional Transportation Plan: 2015 Update project implementation (ongoing)

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Long-range planning

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$5,000.00
LOCAL IN-KIND MATCH (20%)	\$1,250.00
<b>TOTAL</b>	<b>\$6,250.00</b>

## **TASK # 4: SYSTEM PLANNING**

### **Sub-Element 4.4: Transportation Improvement Program**

#### **Objective**

- Undertake transportation planning activities that will lead to the development/implementation of a transportation improvement program and other related transportation studies.
- The development and adoption of a TIP with a five-year element for project programming. The TIP is a process for selecting and scheduling all federally funded and regionally significant projects in a manner consistent with the RTP. The TIP is updated at least every five years and amended as required.

#### **Previous Work**

- Attended quarterly pre-construction project meetings at the GDOT District 1 Office.
- Coordinated with GDOT and local jurisdictions on project status and dollar amounts.
- Added committee approved amendments and administrative modifications to the 2016-2019 TIP while coordinating with ARC on the impact of conformity modeling.

#### **Project Description**

- Amend the TIP, as necessary.
- Task # 4.4 will address GHMPO planning priority number 2.

#### **Product**

- 2016-2019 TIP amendments by June 2018

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Transportation Improvement Program

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$5,000.00
LOCAL IN-KIND MATCH (20%)	\$1,250.00
<b>TOTAL</b>	<b>\$6,250.00</b>

## **TASK # 4: SYSTEM PLANNING**

### **Sub-Element 4.5: Special Transportation Studies (Original PL Formula Grant)**

#### **Objective**

- Integrate land use planning activities with transportation planning.
- Provide information and recommendations to member jurisdictions and other planning and design agencies.

#### **Previous Work**

- The City of Gainesville completed the first phase of Green Street corridor study identifying what exists underneath the street.
- The City of Gainesville undertook the second phase of Green Street corridor study to identify strategies to reduce traffic congestion.
- GHMPO undertook a regional freight study to identify specific freight projects for the region.
- GHMPO assisted the City of Flowery Branch conduct the Mitchell Street conceptual study to improve this street.

#### **Project Description**

- Manage and oversee the completion of the second phase of Green Street corridor study by Pond and Company. The study itself is being funded with a grant from the PL Fund Review Committee in the FY 2017 UPWP.
- Manage and oversee the completion of the regional freight study by CDM Smith. The study itself is being funded with a grant from the PL Fund Review Committee in the FY 2017 UPWP.
- Task # 4.6 will address GHMPO planning priority numbers 3, 4, and 5.

#### **Product**

- GHMPO Regional Freight Study by December 2017
- Green Street Corridor Study, 2<sup>nd</sup> Phase by December 2017

TRANSPORTATION RELATED PLANNING ACTIVITY	
ORGANIZATION	ACTIVITY
GHMPO	Freight Study
City of Gainesville	Green Street Corridor Study

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$10,000.00
LOCAL IN-KIND MATCH (20%)	\$2,500.00
<b>TOTAL</b>	<b>\$12,500.00</b>

## **TASK # 4: SYSTEM PLANNING**

### **Sub-Element 4.6: Special Transportation Studies (PL Funds Review Committee Award)**

#### **Objective**

- Integrate land use planning activities with transportation planning.
- Provide information and recommendations to member jurisdictions and other planning and design agencies.

#### **Previous Work**

- None.

#### **Project Description**

- Task # 4.6.1 - Manage and oversee the Dawsonville Highway-McEver Road Connectivity Study, to be conducted by a consultant, in association with and for the City of Gainesville. The study itself is being funded with a grant from the PL Fund Review Committee in the FY 2018 UPWP.
- Task # 4.6.2 - Manage and oversee the Gainesville Trail Connectivity Study, to be conducted by a consultant, in association with and for the City of Gainesville. The study itself is being funded with a grant from the PL Fund Review Committee in the FY 2018 UPWP.
- Task # 4.6.3 - Manage and oversee the South Hall Trail Study, to be conducted by a consultant, in association with and for the City of Flowery Branch, City of Oakwood, and Hall County. The study itself is being funded with a grant from the PL Fund Review Committee in the FY 2018 UPWP.
- Task # 4.6.4 - Manage and oversee the Oakwood Citywide Traffic Improvement Study, to be conducted by a consultant, in association with and for the City of Oakwood. The study itself is being funded with a grant from the PL Fund Review Committee in the FY 2018 UPWP.
- Tasks # 4.6.1, 4.6.2, 4.6.3, and 4.6.4 will address GHMPO planning priority numbers 3, 4, and 5.

#### **Product**

- Dawsonville Highway-McEver Road Connectivity Study by December 2018
- Gainesville Trail Connectivity Study by December 2018
- South Hall Trail Study by December 2018
- Oakwood Citywide Traffic Improvement Study by December 2018

#### **TRANSPORTATION RELATED PLANNING ACTIVITY**

ORGANIZATION	ACTIVITY # 4.6.1
GHMPO	Dawsonville Highway-McEver Road Connectivity Study

#### **TARGET START AND END DATES**

12/15/2017 –  
12/31/2018

#### **LEAD AGENCY**

GHMPO



<b>FUNDING SOURCE</b>	<b>AMOUNT</b>
FHWA (80%)	\$160,000.00
LOCAL CASH MATCH (20%)	\$40,000.00
<b>TOTAL</b>	<b>\$200,000.00</b>

<b>TRANSPORTATION RELATED PLANNING ACTIVITY</b>	
<b>ORGANIZATION</b>	<b>ACTIVITY # 4.6.2</b>
GHMPO	Gainesville Trail Connectivity Study

<b>TARGET START AND END DATES</b>	12/15/2017 – 12/31/2018	<b>LEAD AGENCY</b>	GHMPO
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<b>FUNDING SOURCE</b>	<b>AMOUNT</b>
FHWA (80%)	\$96,000.00
LOCAL CASH MATCH (20%)	\$24,000.00
<b>TOTAL</b>	<b>\$120,000.00</b>

<b>TRANSPORTATION RELATED PLANNING ACTIVITY</b>	
<b>ORGANIZATION</b>	<b>ACTIVITY # 4.6.3</b>
GHMPO	South Hall Trail Study

<b>TARGET START AND END DATES</b>	12/15/2017 – 12/31/2018	<b>LEAD AGENCY</b>	GHMPO
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<b>FUNDING SOURCE</b>	<b>AMOUNT</b>
FHWA (80%)	\$120,000.00
LOCAL IN-KIND MATCH (20%)	\$30,000.00
<b>TOTAL</b>	<b>\$150,000.00</b>

TRANSPORTATION RELATED PLANNING ACTIVITY	
ORGANIZATION	ACTIVITY # 4.6.4
GHMPO	Oakwood Citywide Traffic Improvement Study

TARGET START AND END DATES	12/15/2017 – 12/31/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FHWA (80%)	\$80,000.00
LOCAL CASH MATCH (20%)	\$20,000.00
<b>TOTAL</b>	<b>\$100,000.00</b>

## **TASK # 5: TRANSIT PLANNING**

### **Sub-Element 5.1: Program Support & Administration (FTA ALI Code 44.21.00)**

#### **Objective**

- Administer and operate the MPO transit planning process by properly coordinating MPO functions with the Georgia Department of Transportation, the Federal Transit Administration, and all involved stakeholders, including accounting for all MPO transit planning-related activities during fiscal year 2018.

#### **Previous Work**

- Developed the transit section in the 2018 UPWP and presented to the GHMPO committees.
- Adopted the 2018 UPWP on May 2, 2017.
- Attended the 2016 AMPO conference in Fort Worth, Texas by Sam Baker and Joseph Boyd.
- Managed the FY 2017 Section 5303 contract and successfully completed all tasks listed in the grant program.
- Participated in the transit program update calls conducted by GDOT.
- Prepared and submitted the FY 2018 Section 5303 contract to GDOT.
- GHMPO retained its membership of the Georgia Transit Association.
- GHMPO became a member of the Association of Metropolitan Planning Organizations.

#### **Project Description**

- Provide transit planning administration and assistance to HAT.
- Continue coordination with HAT in developing the transit work element for the FY 2018 UPWP.
- Participate and present transit related information and activities before municipalities and/or appropriate committees.
- Task # 5.1 will address GHMPO planning priority numbers 2, 5, 6, and 7.

#### **Product**

- Section 5303 grant application by November 2017
- 2016-2019 TIP amendments, as necessary, by June 2018
- Transit section of FY 2018 UPWP by June 2018
- Accounting report at the end of each fiscal quarter

#### **TRANSPORTATION RELATED PLANNING ACTIVITIES**

ORGANIZATION	ACTIVITIES
GHMPO	Program Support & Administration

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FTA	\$63,223.00
STATE 5303 MATCH	\$7,902.87
LOCAL CASH MATCH	\$7,902.88
<b>TOTAL</b>	<b>\$79,028.75</b>

## **TASK # 5: TRANSIT PLANNING**

### **Sub-Element 5.2: Long Range Transportation Planning (Project Level) (FTA ALI Code 44.23.02)**

#### **Objective**

- Develop and keep current the transit portion of the Gainesville-Hall Regional Transportation Plan.
- Address the eight FAST Act Planning Factors and Planning Emphasis Areas through this plan.

#### **Previous Work**

- Managed the implementation of the projects in the 2016-2019 Transportation Improvement Program to implement the transit recommendations of the Gainesville-Hall Regional Transportation Plan (RTP).
- Prepared a five-year Transit Development Plan included recommendations for:
  - Fixed route expansion in years 1 through 5
  - Fixed route improvements in years 1 through 5
  - Capital procurement (fare boxes, security systems, passenger apps, etc.) in years 1 through 5
  - Express bus service to Atlanta
  - Paratransit bus service route improvements in years 1 through 5
  - Paratransit vehicle procurement (fare boxes, security systems, passenger apps, etc.)

#### **Project Description**

- Amend the transit sections of the RTP, as necessary.
- Task # 5.2 will address GHMPO planning priority numbers 1 and 6.

#### **Product**

- Amended RTP by June 2018

TRANSPORTATION RELATED PLANNING ACTIVITIES	
ORGANIZATION	ACTIVITIES
GHMPO	Long Range Transportation Planning (Project Level)

TARGET START AND END DATES	7/1/2017 – 6/30/2018	LEAD AGENCY	GHMPO
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FUNDING SOURCE	AMOUNT
FTA	\$4,000.00
STATE 5303 MATCH	\$500.00
LOCAL CASH MATCH	\$500.00
<b>TOTAL</b>	<b>\$5,000.00</b>



**TASK # 5: TRANSIT PLANNING****Sub-Element 5.3: Transportation Improvement Program (FTA ALI Code 44.25.00)****Objective**

- Update and amend Transportation Improvement Program (TIP), as necessary, to keep it up-to-date.

**Previous Work**

- Adopted 2018-2021 TIP incorporating Hall Area Transit projects.

**Project Description**

- Amend the 2018-2021 TIP, as necessary.
- Task # 5.3 will address GHMPO planning priority number 2.

**Product**

- Transit section of the 2018-2021 TIP by June 2018

**TRANSPORTATION RELATED PLANNING ACTIVITIES****ORGANIZATION**

GHMPO

**ACTIVITIES**

Transportation Improvement Program

**TARGET START AND  
END DATES**

7/1/2017 – 6/30/2018

**LEAD AGENCY**

GHMPO

**FUNDING SOURCE****AMOUNT**

FTA

\$4,000.00

STATE 5303 MATCH

\$500.00

LOCAL CASH MATCH

\$500.00

**TOTAL****\$5,000.00**

## GHMPO Business Plan

### Objective

- Provide GHMPO planning partners information on current and future unfunded projects and required planning activities.

### Anticipated Products

Product	Cost Estimate	Date of Completion
2045 Socioeconomic Data Update	\$25,000	FY 2019
Jackson County Transportation Plan	\$175,000	FY 2019
Regional Transportation Plan: 2020 Update	\$250,000	FY 2020
Economic Impact of Local Transportation Programs/Projects Study	\$50,000	FY 2021
North Hall Parkway Study	\$100,000	FY 2022
Gainesville Transportation Plan Update	\$150,000	FY 2023

GHMPO Five-Year Funding Plan					
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
<b>FHWA Allocation</b>	\$211,194.37	\$213,306.31	\$215,439.38	\$217,593.77	\$219,769.71
<b>FHWA PL Apply</b>	\$456,000.00	\$200,000.00	\$250,000.00	\$50,000.00	\$100,000.00
<b>FTA Allocation</b>	\$71,223.00	\$71,935.23	\$72,654.58	\$73,381.13	\$74,114.94
<b>State Match</b>	\$8,902.87	\$8,991.90	\$9,081.82	\$9,172.64	\$9,264.36
<b>Local Match</b>	\$82,902.88	\$8,991.90	\$9,081.82	\$9,172.64	\$9,264.36
<b>Total Revenue</b>	<b>\$830,223.12</b>	<b>\$428,225.34</b>	<b>\$556,257.59</b>	<b>\$359,320.17</b>	<b>\$412,413.38</b>
<b>Contracts</b>	\$456,000.00	\$200,000.00	\$250,000.00	\$50,000.00	\$100,000.00
<b>Staff/Direct</b>	\$374,223.12	\$303,225.35	\$306,257.59	\$309,320.17	\$312,413.37
<b>Total Expenditures</b>	<b>\$830,223.12</b>	<b>\$428,225.34</b>	<b>\$556,257.59</b>	<b>\$359,320.17</b>	<b>\$412,413.37</b>

1% annual growth in allocation

Staff/Direct includes: salaries, fringe, indirect and other direct charges

FHWA PL Apply are prior year funds GHMPO must apply for

## FUNDING SOURCE BY TASK

FUNDING SOURCE	TASK NO.	TASK DESCRIPTION	FHWA	FHWA- SPR	FEDERAL TOTAL	STATE PL MATCH	STATE SPR MATCH	STATE TOTAL	LOCAL MATCH	TOTAL
PL	1.1	Operations & Administration	138,194.37	0	138,194.37	0	0	0	34,548.59*	172,742.96
PL	1.2	Training/Employee Education	18,000.00	0	18,000.00	0	0	0	4,500.00*	22,500.00
PL	1.3	Equipment & Supplies	2,000.00	0	2,000.00	0	0	0	500.00*	2,500.00
PL	1.4	UPWP	10,000.00	0	10,000.00	0	0	0	2,500.00*	12,500.00
PL	2.1	Community Outreach/Education	8,000.00	0	8,000.00	0	0	0	2,000.00*	10,000.00
PL	3.1	Socio-Economic Data	5,000.00	0	5,000.00	0	0	0	1,250.00*	6,250.00
PL	4.1	Intermodal Planning	5,000.00	0	5,000.00	0	0	0	1,250.00*	6,250.00
PL	4.2	GIS, Model Development & Apps.	5,000.00	0	5,000.00	0	0	0	1,250.00*	6,250.00
PL	4.3	Long Range Plan	5,000.00	0	5,000.00	0	0	0	1,250.00*	6,250.00
PL	4.4	TIP	5,000.00	0	5,000.00	0	0	0	1,250.00*	6,250.00
PL	4.5	Special Transportation Studies	10,000.00	0	10,000.00	0	0	0	2,500.00*	12,500.00
PL	4.6.1	Dawsonville Hwy-McEver Rd Study	160,000.00	0	160,000.00	0	0	0	40,000.00	200,000.00
PL	4.6.2	Gainesville Trail Connectivity Study	96,000.00	0	96,000.00	0	0	0	24,000.00	120,000.00
PL	4.6.3	South Hall Trail Study	120,000.00	0	120,000.00	0	0	0	30,000.00*	150,000.00
PL	4.6.4	Oakwood Citywide Traffic Imp. Study	80,000.00	0	80,000.00	0	0	0	20,000.00	100,000.00

<b>PL</b>	<b>1.1 - 4.6</b>	<b>Total</b>	<b>667,194.37</b>	<b>0</b>	<b>667,194.37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>166,148.59</b>	<b>833,992.96</b>
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\* In-kind local match

## FUNDING SOURCE BY TASK

FUNDING SOURCE	TASK NO.	TASK DESCRIPTION	FTA – 5303	FEDERAL TOTAL	STATE 5303 MATCH	STATE TOTAL	LOCAL MATCH	TOTAL
5303	5.1	Program Support & Administration	63,223.00	63,223.00	7,902.87	7,902.87	7,902.88	79,028.75
5303	5.2	Long Range Planning	4,000.00	4,000.00	500.00	500.00	500.00	5,000.00
5303	5.3	TIP	4,000.00	4,000.00	500.00	500.00	500.00	5,000.00
<b>5303</b>	<b>5.1 - 5.3</b>	<b>Total</b>	<b>71,223.00</b>	<b>71,223.00</b>	<b>8,902.87</b>	<b>8,902.87</b>	<b>8,902.88</b>	<b>89,028.75</b>

## FY 2018 Draft Total Budget

GHMPO's draft total budget for FY 2018 is **\$923,021.71** from all the sources:

Work Elements		PL Funds (\$)			Section 5303 Funds (\$)			Total Budget Amount (\$)
		Budget Amount (100%)	FHWA (80%)	Local Match (20%)	Budget Amount (100%)	FTA (80%)	GDOT Match (10%)	
<b>1.0 Administration</b>								
1.1	Operations and Administration	172,742.96	138,194.37	34,548.59	0.00	0.00	0.00	172,742.96
1.2	Training/Employee Education	22,500.00	18,000.00	4,500.00	0.00	0.00	0.00	22,500.00
1.3	Equipment and Supplies	2,500.00	2,000.00	500.00	0.00	0.00	0.00	2,500.00
1.4	UPWP	12,500.00	10,000.00	2,500.00	0.00	0.00	0.00	12,500.00
<b>Work Element 1.0 Total</b>		<b>210,242.96</b>	<b>168,194.37</b>	<b>42,048.59</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>210,242.96</b>
<b>2.0 Public Involvement</b>								
2.1	Community Outreach/Education	10,000.00	8,000.00	2,000.00	0.00	0.00	0.00	10,000.00
<b>Work Element 2.0 Total</b>		<b>10,000.00</b>	<b>8,000.00</b>	<b>2,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10,000.00</b>
<b>3.0 Data Collection</b>								
3.1	Socioeconomic Data	6,250.00	5,000.00	1,250.00	0.00	0.00	0.00	6,250.00
<b>Work Element 3.0 Total</b>		<b>6,250.00</b>	<b>5,000.00</b>	<b>1,250.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6,250.00</b>
<b>4.0 System Planning</b>								
4.1	Intermodal Planning	6,250.00	5,000.00	1,250.00	0.00	0.00	0.00	6,250.00
4.2	GIS, Model Development & Applications	6,250.00	5,000.00	1,250.00	0.00	0.00	0.00	6,250.00
4.3	Long-Range Plan	6,250.00	5,000.00	1,250.00	0.00	0.00	0.00	6,250.00
4.4	Transportation Improvement Program	6,250.00	5,000.00	1,250.00	0.00	0.00	0.00	6,250.00
4.5	Special Transportation Studies (Original Grant)	12,500.00	10,000.00	2,500.00	0.00	0.00	0.00	12,500.00
4.6	Special Transportation Studies (Additional Award)	570,000.00	456,000.00	114,000.00	0.00	0.00	0.00	570,000.00
<b>Work Element 4.0 Total</b>		<b>607,500.00</b>	<b>486,000.00</b>	<b>121,500.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>607,500.00</b>
<b>5.0 Transit Planning</b>								
5.1	Program Support & Administration	0.00	0.00	0.00	79,028.75	63,223.00	7,902.87	79,028.75
5.2	Long Range Transportation Planning	0.00	0.00	0.00	5,000.00	4,000.00	500.00	5,000.00
5.3	Transportation Improvement Program	0.00	0.00	0.00	5,000.00	4,000.00	500.00	5,000.00
<b>Work Element 5.0 Total</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>89,028.75</b>	<b>71,223.00</b>	<b>8,902.87</b>	<b>89,028.75</b>
<b>Total Work Elements (\$)</b>		<b>833,992.96</b>	<b>667,194.37</b>	<b>166,798.59</b>	<b>89,028.75</b>	<b>71,223.00</b>	<b>8,902.87</b>	<b>923,021.71</b>

PL Local Match    166,798.59  
5303 Local Match    8,902.88

## METROPOLITAN PLANNING FACTORS TO BE CONSIDERED IN THE 2018 UPWP

Work Element	Work Sub-Element	METROPOLITAN PLANNING FACTORS										
		1	2	3	4	5	6	7	8	9	10	11
<b>1.0 Program Support &amp; Administration</b>	1.1: Operations & Administration	X	X	X	X	X	X	X	X	X	X	X
	1.2: Employee Training & Development	X	X	X	X	X	X	X	X			
	1.3: Equipment & Supplies	X						X				
	1.4: Unified Planning Work Program	X	X	X	X	X	X	X	X	X	X	X
<b>2.0 Public Involvement</b>	2.1: Community Outreach/Education	X	X	X	X	X	X	X	X			
<b>3.0 Data Collection</b>	3.1: Socio-Economic Data	X						X				
<b>4.0 System Planning</b>	4.1: Intermodal Planning		X	X	X		X					X
	4.2: GIS, Model Development & Applications							X				
	4.3: Long Range Plan	X	X	X	X	X	X	X	X	X	X	X
	4.4: Transportation Improvement Program	X	X	X	X	X	X	X	X	X	X	X
	4.5: Special Transportation Studies (Original Grant)							X	X			
	4.6: Special Transportation Studies (Additional Award)							X	X			
<b>5.0: Transit Planning</b>	5.1: Program Support & Administration	X	X	X	X	X	X	X	X			
	5.2: Long Range Transportation Planning (Project Level)	X			X			X				X
	5.3: Transportation Improvement Program	X			X			X		X		X