



**AUGUSTA REGIONAL TRANSPORTATION STUDY (ARTS)
POLICY COMMITTEE MEETING
535 TELFAIR STREET, SECOND FLOOR, COMMISSION CHAMBERS
AUGUSTA GEORGIA 30901
THURSDAY, MARCH 5, 2020 at 11:00 A.M.**

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/262050229>

You can also dial in using your phone.

United States: [+1 \(872\) 240-3212](tel:+18722403212)

Access Code: 262-050-229

- I. Welcome and Introductions (**Acknowledge Go-To-Meeting**)
- II. Approval of Minutes
 - A. Approve the minutes of the Joint Citizens Advisory Committee, Technical Coordinating and Policy Committee Meeting held on December 5, 2019. **(PC Vote)**
-Pages 3-11
- III. Purpose
 - A. MPO 101 – The purpose of the MPO and Committees presented by Carla Delaney
- Pages 12-17
- IV. Old Business
 - A. TAP FY 2020 Call For Projects - James Brown Boulevard Streetscape - Phase IV |
-Pages 18-21
 - B. 2050 Metropolitan Transportation Plan Update Presentation by WSP USA Inc. (Informational Purposes Only)
-Pages 22-30
 - C. 2050 Metropolitan Transportation Plan Update Technical Report #2 | *Oral Summary* **(PC Vote)**
- V. New Business
 - A. Review and award FY 2020 TAP Call for Project Applications (2nd Round) **(Informational Purposes Only)**
 - I. James Brown Boulevard Streetscape - Phase 3
-Pages 31-53
 - II. Wrightsboro Rd/McCauley St At-Grade Highway/Railroad Crossing Safety Improvements Appraisal
-Pages 54-56
 - B. Travel Demand Model Update presented by WSP USA Inc. – 5th Network List of projects | *Oral Summary* (Informational Purposes Only)



C. Consider adoption of the Georgia Safety Performance Measures and Target Setting as required by the Federal Highway Administration **(PC Vote)**
-Pages 57-58

D. Review and endorse the Draft FY 2021 Unified Planning Work Program **(PC Vote)**
-Pages 59-79

E. Status of Regional Transportation Projects:

- I. Georgia Highways
- II. South Carolina Highways
- III. Augusta Transit
- IV. Best Friend Express
- V. Augusta Regional Airport

VI. Other Business

VII. Adjourn



II. Approval of Minutes

- A. Approve the minutes of the Joint Citizens Advisory Committee, Technical Coordinating and Policy Committee Meeting held on December 5, 2019. **(PC Vote)**

– Pages 3-11



AUGUSTA REGIONAL TRANSPORTATION STUDY

535 Telfair Street • Suite 300 Augusta, Georgia 30901

**AUGUSTA REGIONAL TRANSPORTATION STUDY (ARTS)
POLICY COMMITTEE MEETING
535 TELFAIR STREET, FIRST FLOOR,
LINDA BEAZLEY COMMUNITY ROOM
AUGUSTA GEORGIA 30901
THURSDAY, DECEMBER 5, 2019 at 11:00 A.M.**

MEETING MINUTES

ARTS POLICY COMMITTEE	
<i>VOTING MEMBERS ATTENDING:</i>	<i>VOTING MEMBERS ABSENT:</i>
Dr. William Molnar , CHAIRMAN of POLICY COMMITTEE Gary Bunker , VICE CHAIR of POLICY COMMITTEE Doug Duncan , Columbia County Commission represented by Matt Schlachter Scott Cooper , Edgefield County Chairman Tom Caiafa representing Radney Simpson , representing GDOT Commissioner Russell McMurry	Gary Jones , Mayor City of Grovetown Robert Buchwitz , Chairman City of Hephzibah John B. Morrison , Garrison Commander USASC & Fort Gordon Robert Pettit , Mayor City of North Augusta Jonathan Dicks , Mayor City of Burnetown Phillip Stewart , Mayor City of Blythe Christy Hall , Secretary of Transportation SC Vernon Dunbar , Mayor City of New Ellenton Tommy Paradise representing Dean Campbell , Chairman Edgefield County, SC Rick Osbon , Mayor City of Aiken Sharon Dottery , Transit Director represented by Burshunda Harden Marcus Campbell , representing Hardie Davis, Jr. , Mayor of Augusta
<i>NON-VOTING MEMBERS ATTENDING:</i>	<i>NON-VOTING MEMBERS ABSENT:</i>
Rob Sherman , ARTS Project Director	Vacant , Chairman ARTS Citizens Advisory Committee Ben Davis, Jr. , 3rd Congressional District Commissioner, SC John Burriss , 2nd Congressional District Commissioner, SC Emily O. Lawton , SC FHWA Division Administrator Jamie Buswell , Congressional Representative District 10 Don Grantham , GA State Transportation Board Tamara Christion , FHWA, Transportation Planner
<i>TCC VOTING MEMBERS ATTENDING:</i>	<i>TCC VOTING MEMBERS ABSENT:</i>
Robert Sherman , ARTS MPO Project Director Joel Duke , Director Aiken County Matt Schlachter , Columbia County represented by Steve Exley	Teresa Crain , Aiken County Engineer Curtis Murphy , City of New Ellenton Michelle Jones , City of Aiken Public Works Andrew Strickland , Director, Columbia County Planning

<p>Corbett Reynolds, P.E. District Engineer represented by Ellen Wright Trang Mai, GDOT Herbert Judon Jr., Director Augusta Regional Airport represented by Adrienne Ayers-Allen represented by Greg Larsen Hart Clark, Edgefield County Building and Planning Director represented by Kevin Singletary Libby Hodges, City of North Augusta Planning Director Ryan Bland, City of Aiken Planning Director John Ussery, Augusta Traffic Engineer Adam Humphries, SCDOT Program Manager Dr. Hameed Malik, Engineering, City of Augusta Engineering Dept.</p>	<p>Kenny Larimore, SCDOT Planning Engineer Thomas Zeaser, Engineer, N. Augusta Sharon Dottery, Director Augusta Public Transit Rhonda Mitchell, LSCOG</p>
TCC NON-VOTING MEMBERS ATTENDING:	TCC NON-VOTING MEMBERS ABSENT:
<p>LJ Peterson, Aiken County Carole Burrowbridge, ADA Augusta</p>	<p>Yolanda Morris, FHWA (SC) Tamara Christian, FHWA (GA) Eric Duff Andy Crosson, CSRA RDC</p>
CAC VOTING MEMBERS ATTENDING:	CAC VOTING MEMBERS ABSENT:
<p>Geneva Jackson, Aiken County Dr. Chris Noah, Columbia County</p>	<p>Martin Cochran, Aiken County Joe Collins, Columbia County Shirley Abney Frank Plumley, Columbia County Bill Busser, Aiken County Hafeez Chaudhry, J. Ashley Williams, Edgefield County</p>
OTHERS ATTENDING:	
<p>CITY OF AUGUSTA Carla Delaney Erik Engle Dr. Oliver Page Mariah Harris Warren Richard Udomekong Udoko June Hamal, Engineering Marques Jacobs, Engineering Maurice McDowell, Deputy Administrator Sammie Sias, District 4 Commissioner</p>	<p>GO-TO-MEETING Tom Zeaser, City of North Augusta Rick Wyatt, SCDOT Dana Luttrull, LSCOG</p>
<p>Glen Coyne, WSP USA Inc. Christy Jeon, WSP USA Inc. Jennifer Zhan, Modern Mobility Partners Rick Toole, Alfred Benesch & Company Dayton Sherrouse, Augusta Canal Authority Brennan Smith, American Heart Association Christine Miller-Betts, Director Lucy Craft Laney Museum of Black History</p>	<p>Regina Pyles, CSRA RDC Will Carter, Cranston Engineering Group David Mills, Cranston Engineering Group Sarah Lamothe, GDOT Alex Bennett, SCDOT Kevin Skinner, Pond Co. Denise Traina, Transit Citizens' Advisory Committee</p>

I. **Welcome and Introductions** (*Acknowledge Go-To-Meeting*)

II. **New Business**

A. **Approve the minutes of the Joint Citizens Advisory Committee and Technical Coordinating Committee Meeting held on August 14, 2019. (CAC and TCC Vote Only)**

CAC- Geneva Jackson motioned to approve and Dr. Chris Noah seconded. The motion was unanimously approved.

TCC – Kevin Singletary motioned to approve and Joel Duke seconded. The motion was unanimously approved.

B. **Approve the minutes of the Policy Committee Meetings held on June 6, 2019 and September 5, 2019. (PC Vote Only)**

Dr. William Molnar presented this item:

The record should reflect that Matt Schlachter attended the September 5, 2019 meeting as the representative for Doug Duncan.

Gary Bunker motioned to approve both sets of minutes and Scott Cooper seconded. The motion was unanimously approved.

C. **2050 Metropolitan Transportation Plan Update Presentation by WSP USA Inc. (Informational Purposes Only)**

Glenn Coyne presented this item:
Please see the attached presentation.

Questions

Dr. Noah: Can participants complete the survey more than once?

Glen Coyne: If a survey is completed online, it can only be taken once by that device. There is no way to track paper surveys.

Scott Cooper: When is the next round of surveys?

Glenn Coyne: The plan is completed every five years. The next round of surveys will be around February 2020 and run for approximately six weeks.

Sammie Sias: Was there a concentrated effort to have surveys in the buses and transit station?

Udomekong Udoko: Staff will be sure to focus on getting surveys into the transit station and in buses during the next round of public meetings.

D. Travel Demand Model Update presented by Habte Kassa – Base Year 2015 and Do-Nothing 2050 Model Results (CAC, TCC & PC Vote)

Habte Kassa presented this item:
Please see the attached presentation.

Questions

Scott Cooper: Do you have any historical data in regards to traffic counts for SR-28 from Evans to Edgefield County?

Habte Kassa: Not at the moment but we will research it and contact you with findings.

Geneva Jackson: What is the reason for the Daily Vehicle Hours of Travel percentages to increase over 100%?

Dr. Chris Noah: The percentages increased over 100% due to people potentially finding different routes for travel as opposed to principal arterial routes.

E. Vote to adopt the Base Year 2015 and 2050 Do Nothing Model Results (CAC, TCC & PC Vote)

Habte Kassa presented this item:

CAC- Geneva Jackson motioned to approve and Dr. Chris Noah seconded. The motion was unanimously approved.

TCC – Robert Sherman motioned to approve and Joel Duke seconded. The motion was unanimously approved.

PC - Gary Bunker motioned to approve and Tom Caiafa seconded. The motion was unanimously approved.

F. Consider amendment to the FY 2020 Unified Planning Work Program (UPWP) to substitute the Bettis Academy Road Feasibility Study for the programmed Aiken County Access Management Plan and the US 1 Corridor Study. (CAC, TCC & PC Vote)

Joel Duke presented this item:

Questions

Gary Bunker: The Bettis Academy Road Feasibility Study is a critical study. What is the down side for not doing the US1 Corridor Study?

Joel Duke: The US1 Study will be in the FY 2021 UPWP and we will be securing the local match.

CAC- Geneva Jackson motioned to approve and Dr. Chris Noah seconded. The motion was unanimously approved.

TCC – Kevin Singletary motioned to approve and Robert Sherman seconded. The motion was unanimously approved.

PC - Scott Cooper motioned to approve and Gary Bunker seconded. The motion was unanimously approved.

G. Consider amendment to the FY 2020 Unified Planning Work Program (UPWP) to add the Whiskey Road Feasibility Study. (CAC, TCC & PC Vote)

Joel Duke presented this item:

The Whiskey Road Feasibility Study was approved by the South Carolina Subcommittee in November 2019. The study will focus on land use, access monitoring and protecting important intersections.

CAC - Chris Noah motioned to approve and Geneva Jackson seconded. The motion was unanimously approved.

TCC - Robert Sherman motioned to approve and Joel Duke seconded. The motion was unanimously approved.

PC - Scott Cooper motioned to approve and Gary Bunker seconded. The motion was unanimously approved.

H. Consider adoption of the South Carolina Safety Performance Measures (PM) and Target Setting as required by the Federal Highway Administration. (CAC, TCC & PC Vote)

Adam Humphries presented this item:

Every year the PMs have to be updated. The number of fatalities in South Carolina is still over 1,000 per year. FHWA through the Fast Act wants to have PMs to lower the fatality count. The PM matches the statewide PM targets. Most MPO's and COGs adopt the same targets as the state.

CAC - Chris Noah motioned to approve and Geneva Jackson seconded. The motion was unanimously approved.

TCC - Joel Duke motioned to approve and Kevin Singletary seconded. The motion was unanimously approved.

PC - Scott Cooper motioned to approve and Gary Bunker seconded. The motion was unanimously approved.

I. Status of Regional Transportation Projects:

I. Georgia Highways

Ellen Wright presented this item:

Columbia County

- **M005753 – SR 383 From North of I-20 to SR 104**
 - Let April 19, 2019
 - All resurfacing activities are complete throughout the project limits
 - Next phase of project will be signal work activities
 - Concrete median and pedestrian crossing poles at Wheeler Rd intersection to be installed

- Wheelchair ramps, permanent striping and rumble strips to be installed
 - Raised pavement markers from Columbia Rd to Washington Rd to be installed
- **0008350 – SR 388 From I-20 to SR 232 - TIA**
 - Widening (1.59 miles)
 - Locals let the project but bid came in over budget.
 - At last contact, Columbia Co. LG working on strategies regarding further funding sources and reduce scope of the project.

Richmond County

- **210327 – I-20 at Savannah River and Augusta Canal**
 - Bridge replacements over the Augusta Canal and Savannah River to include widening (0.65 miles) in Georgia and South Carolina
 - Superior has been issued NTP
 - Based on the Preconstruction meeting held Wednesday, December 4, 2019, sometime next week work will begin on installation of signs, barrier wall, vegetation removal, etc. prior to the early 2020 moratorium on water disruption that is scheduled for March.
 - There should be no major traffic interruption for this work. Some of the barrier wall may be installed during night hours.
- **220680 – SR 4 From Milledgeville Road to Government Street - TIA**
 - Widening (1.59 miles)
 - Clearing and grubbing activities have begun through the project limits and should be completed by close of business December 13, 2019.
 - Utility relocation has been postponed. Work was to start this week but will be rescheduled.
 - Placement of BMP (silt fence installation) is in progress along Northside of project beginning at MLK to end of project.
- **0013927 - SR 4/US 25 BU at Savannah River at South Carolina Line**
 - Bridge Replacement (0.20 miles)
 - Scheduled for let April 2022
 - Concept Team Meeting scheduled at Tennille District Office on January 8, 2020.
 - Cost Estimate - \$34M CONST (2025), \$250,000 ROW (2021), \$1.5 PE (2019)

II. South Carolina Highways
Adam Humphries presented this item:
Please see the attached presentation.

III. Augusta Transit
 No Update.

IV. Best Friend Express

Dana Luttrull presented this item:

LSCOG had a recent December 1, 2019 date for the restart of the Urban 5310 transit program that serves seniors ages 60+ or persons with a disability. New grant funding was awarded by Georgia Department of Human Services and has been made available for expenditure through September 2020. This adds to the existing transit programs available to citizens living in the urbanized service area in Aiken County.

At the last committee meeting Udomekong Udoko presented information on the Transit Asset Management, or TAM, performance requirements to attain/or keep transit vehicle fleets in the country in a “State of Good Repair.” LSCOG is happy to announce that the second of two small bus purchases has been completed since the last discussion. This second new bus has been placed in service and LSCOG is meeting their performance targets in this area.

LSCOG had a successful submission of our annual National Transit Database (NTD) report for transit data of the Best Friend Express, Dial-a-Ride, and Urban 5310 programs. State of Good Repair/TAM performance targets are now reported in this database, as well.

The Best Friend Express is currently in the middle of its annual, and well received, promotion called “Free Fare Fridays.” It is designed to provide a free ride once a week during the holiday season, as well as on Veteran’s Day.

V. Augusta Regional Airport

Greg Larsen presented this item:

Augusta Regional Airport is seeing an increase in the service to Dallas TX. Direct flights to Washington, DC will commence in 2020. The inaugural flight will be on January 7, 2020.

III. Old Business

A. TAP FY 2020 Call For Projects - James Brown Boulevard Streetscape - Phase IV (CAC, TCC & PC Vote)

Carla Delaney presented this item:

The MPO’s concern is the requested amount being more than the amount of available funds (\$650,000 over budget).

David Mills: SPLOST 8 funds have been directed from the Administrator’s office. If the vote fails, the City of Augusta has agreed to find other funding. The funding source is not clear at this moment but the Administrator’s office will find the \$650,000 match.

Carla Delaney: The staff recommendation is due to the timing and funding security, the project should be applied for during the FY 2021 TAP Call for Projects. This way the project’s start date can line up with the Transportation Investment Act (TIA) vote.

Robert Sherman motioned to table this agenda item until the February 12, 2020 TCC & CAC Committee meeting and Gary Bunker seconded. The motion was unanimously approved.

A. Policy Chair and Vice Chair Election

Dr. William Molnar was nominated as the Chairman of the Policy Committee

Gary Bunker motioned to approve and Scott Cooper seconded. The motion was unanimously approved.

Gary Bunker was nominated as the Vice Chairman of the Policy Committee

Scott Cooper motioned to approve and Dr. William Molnar seconded. The motion was unanimously approved.

IV. Adjourn



III. Purpose

- A. MPO 101 – The purpose of the MPO and Committees presented by Carla Delaney
– Pages 12-17



“MPO 101”

Introduction to the Purpose and Function of a Metropolitan Planning Organization (MPO)

March 5, 2020



What is an MPO?

- A transportation policy-making and planning body with representatives of local, state and federal government and transportation authorities
- Required in urbanized areas of 50,000+
- Ensures that federal spending on transportation occurs through a comprehensive, cooperative and continuing (3-C) process
- Variety of organizational arrangements - “hosted” by another agency; stand-alone; existing agency designated as MPO



Who is the MPO?



MPO Functions

- Establish a setting - fair and impartial
- Evaluate transportation alternatives
- Cooperatively develop, update, and approve:
 - Unified Planning Work Program (UPWP)
 - Metropolitan Transportation Plan (MTP)
 - Transportation Improvement Program (TIP)
- Involve the public (residents and key affected groups) - Develop PPP

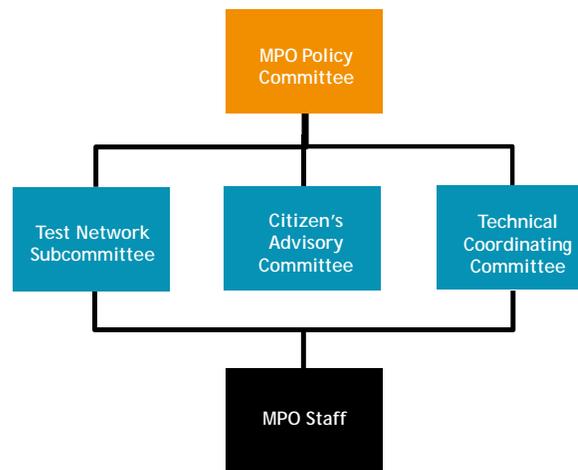


"Typical" MPO Structure

	Time Horizon	Contents	Update Requirements
UPWP	1 Years	Planning Studies, Tasks, Budget	Annual
MTP	20 Years	Future Goals, Strategies & Projects	Every 5 Years (3 years for non-attainment /maintenance TMAs)
TIP	4 Years	Transportation Investments/ Projects	Every 1 year (varies by state). Amendments as needed.



"Typical" MPO Structure





Policy Committee

- Role of the Policy Committee
 - Develop a regional vision
 - Establish regional policy
 - Adopt UPWP, MTP, and TIP
 - Ensure that the decisions reflect the concerns of residents of the region



Technical Coordinating Committee

- Role of the Technical Coordinating Committee
 - Advisory body to the MPO Policy Committee for transportation issues, primarily technical in nature
 - Oversees MPO technical work and develops recommendations on projects and programs for Policy Committee consideration



Citizens Advisory Committee

- **Role of the Citizens Advisory Committee**
 - Advisory body to the MPO Policy Committee on public concerns and opinions regarding the ARTS study findings and recommendations
 - Provide a forum to obtain public views on transportation issues and problems and directing issues of public concern to the attention of the Policy Committee or the Technical Coordinating Committee



Augusta Regional Transportation Study (ARTS)

Thank you!
Any Questions?





IV. Purpose

- A. TAP FY 2020 Call For Projects - James Brown Boulevard Streetscape - Phase IV
– Pages 18-21

Status: **Reviewed**

Entry #: 5

Date Submitted: 8/29/2019 10:29 AM

PROJECT INFORMATION

Project Name James Brown Boulevard Streetscape - Phase IV	Agency Local Government
GDOT ID (if applicable) N/A	STIP ID (if applicable) N/A

Project Description

The James Brown Boulevard Streetscape Projects serve to reconstruct the existing curbs and sidewalks along the James Brown Boulevard corridor in downtown Augusta, from Reynolds Street to the new Twiggs Circle roundabout. Phase I of this project was completed from Reynolds St to Telfair St in 2016 using funds from a previous GDOT TAP Grant. Phase II runs from Laney Walker Blvd to Telfair St and is currently under design as TIA funded project, scheduled to begin construction in 2019. Phase III is also under design and will include the reconstruction of curb and sidewalks from Twiggs Circle to Laney Walker Blvd. Phase III utilizes federal funds and only includes the east side of James Brown Blvd due to funding and right of way constraints.

Phase IV of the James Brown Boulevard Streetscape will complete the James Brown corridor streetscape enhancement by replacing existing curb and gutter and sidewalks along the west side of James Brown Blvd from the newly constructed Twiggs Circle to Laney Walker Blvd. This project will also include the installation of new pedestrian light fixtures, street trees, ADA curb ramps, and brick accents in accordance with the City of Augusta downtown standard. Furthermore, this phase will include resurfacing of the roadway which was not included in Phase III.

The existing roadway on this section of James Brown Blvd has two (2) northbound travel lanes and one (1) southbound travel lane. There are currently no existing bike lanes and the sidewalks on the west side are in need of repair and are not ADA compliant. Existing street lighting is provided via utility pole mounted cobra-head luminaires which do not meet the downtown standard.

In conjunction with Phase III, this phase will reduce the roadway section to a two-lane section but will provide ADA compliant pedestrian routes, including ramps at all corners. It will also provide a northbound bike lane to match the multimodal master plan. Additional available width will be utilized to create new or widened landscaping strips between the curb and the sidewalks, serving not only to beautify the streetscape, but also to provide a buffer between pedestrians and vehicular traffic, improving pedestrian safety. Existing signing will be evaluated and improved as appropriate to meet local, state, and federal design standards.

1. Is this a phase project?	If yes, how many?
Yes	4

2. What is the project timeline?
2 - 3 years

3. Has an environmental assesment been completed?
Not Started / Required

County Richmond	City Augusta
---------------------------	------------------------

PROJECT COSTS

Professional Engineering	TAP Funds PE 112,500	Match PE 112,500	Total Costs PE 225,000.00
Construction	TAP Funds Const 337,500	Match Const 337,500	Total Costs Const 675,000.00
Right of Way	TAP Funds ROW 150,000	Match ROW 150,000	Total Costs ROW 300,000.00
Other	TAP Funds Other 50,000	Match Other 50,000	Total Costs Other 100,000.00
Utility Phase	TAP Funds Utility 0	Match PE Utility 0	Total Costs Utility 0.00
TOTAL	TAP Funds Total 650,000.00	Match Total 650,000.00	Total Costs Total 1,300,000.00

Project Costs - Comments

ROW cost is based on GDOT ROW Cost Estimation worksheet and includes administrative and legal fees.

"Other" cost is GDOT review and Administrative Fees as shown in Budget Cost Estimate

Project and Cost Files (if available)

	James Brown Phase IV - Revised Cost Estimate - Signed.pdf 62.25 KB	
	James Brown Phase IV - Local Match Commitment Letter - Signed.pdf 34.38 KB	
	Augusta Tomorrow Letter.pdf 55.14 KB	
	Cranston_LetterSupport_JamesBrown_10-06-05.pdf 207.95 KB	
	CVB Letter.pdf 56.43 KB	
	DDA Letter.pdf 52.84 KB	
	Mayor letter.pdf 319.90 KB	
	James Brown Phase 4 - Existing Site Photos.pdf	



1.70 MB

PUBLIC BENEFITS

Primary Benefits (Check all that apply)

Ensuring Safety and Security

Pedestrian Safety

CONTACT INFORMATION

Primary Contact

Margaret Woodard

Contact Phone

706-722-8000

Contact - Title

Executive Director - Augusta Downtown Development Authority

Contact - Email

mwoodard@myaugustadowntown.com

PROJECT LOCATION

Project Maps



Phase IV Location Map.pdf
244.27 KB



Phase IV Project Map.pdf
415.70 KB





IV. Purpose

- B. 2050 Metropolitan Transportation Plan Update Presentation by WSP USA Inc. (Informational Purposes Only)
– Pages 22-30

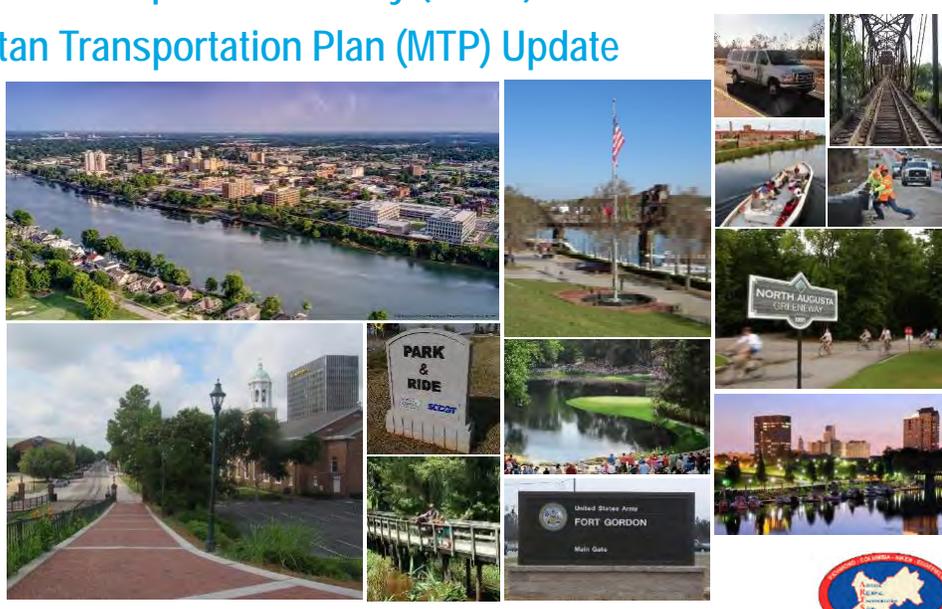


ARTS2050

METROPOLITAN TRANSPORTATION
PLAN UPDATE ► *Future Mobility*
futuremobility2050.com

Augusta Regional Transportation Study (ARTS)
Policy Committee Meeting
March 5, 2020

Augusta Regional Transportation Study (ARTS) 2050 Metropolitan Transportation Plan (MTP) Update



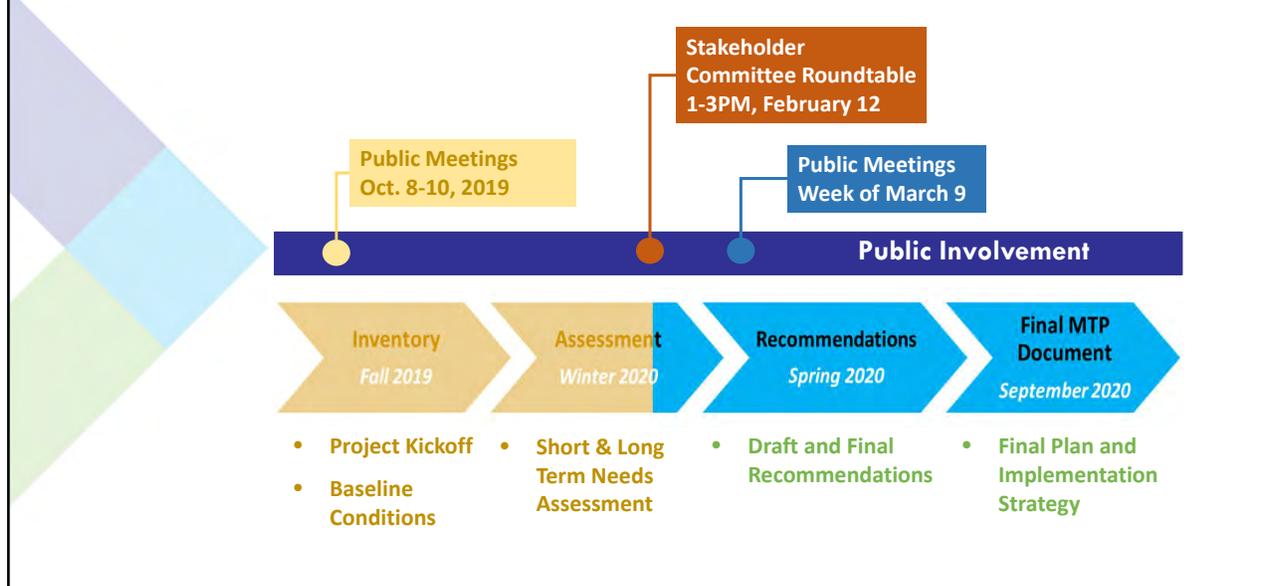
What is a Metropolitan Transportation Plan (MTP)?

- ▶ The MTP serves as a **regional blueprint and policy guide** for current and future transportation infrastructure.
- ▶ Updated every 5 years, the MTP envisions and evaluates what the ARTS planning area will look like in the next 10, 20, or 30 years.
- ▶ A **key part in securing federal funds**, the MTP recommends projects to improve, maintain, and operate roadways, public transit, multiuse trails and sidewalks.

Plan Development Process



Plan Development Process



2050 MTP Deliverables

- ▶ Project Operations Plan ✓
- ▶ Technical Report #1: Public Participation Plan ✓
- ▶ Technical Report #2: Document Review of Data – Existing Conditions ✓
- ▶ Technical Report #3: Goals, Objectives and Performance Indicators
- ▶ Technical Report #4: Project Prioritization Process
- ▶ Technical Report #5: Transportation Needs Assessment
- ▶ Technical Report #6: Financial Plan + Fiscally Constrained Project List
- ▶ Technical Report #1 (Update): Public Participation Outcomes
- ▶ Draft MTP
- ▶ Final MTP

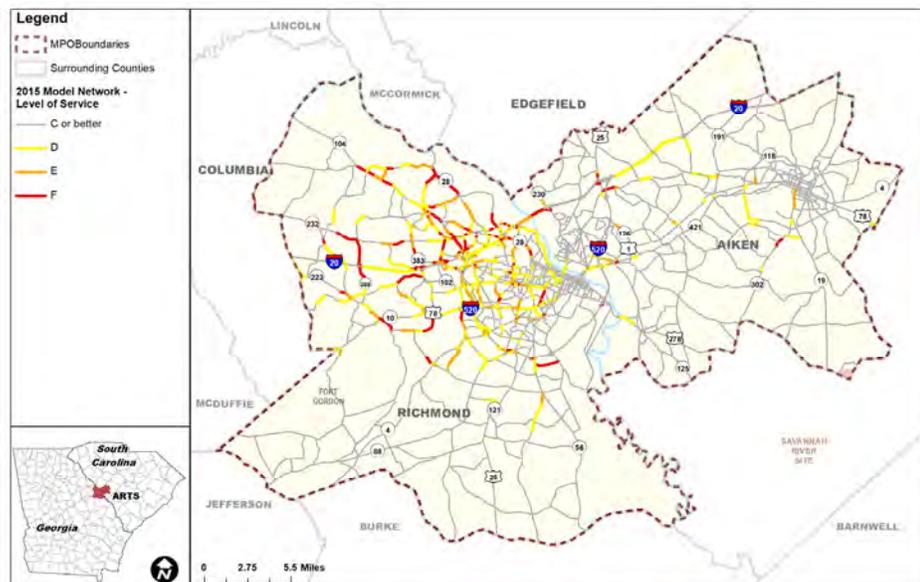
Existing Conditions Report



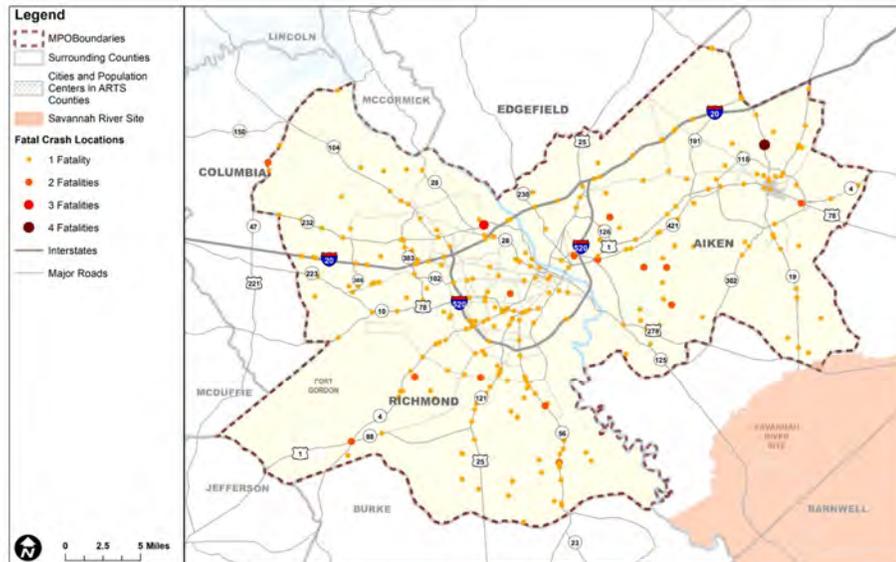
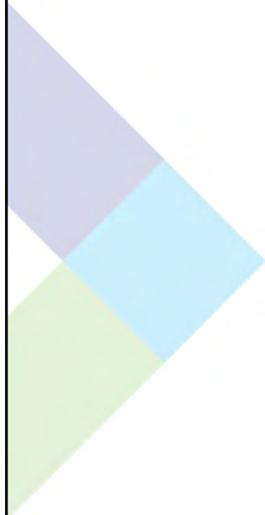
- Socioeconomic Data
- Land Use
- Transportation, Mobility, and Safety
- Aviation and Freight
- Transit and Active Transportation
- Emerging Technologies
- Review of Previous Studies

A few sample of the maps in the existing conditions report follow.

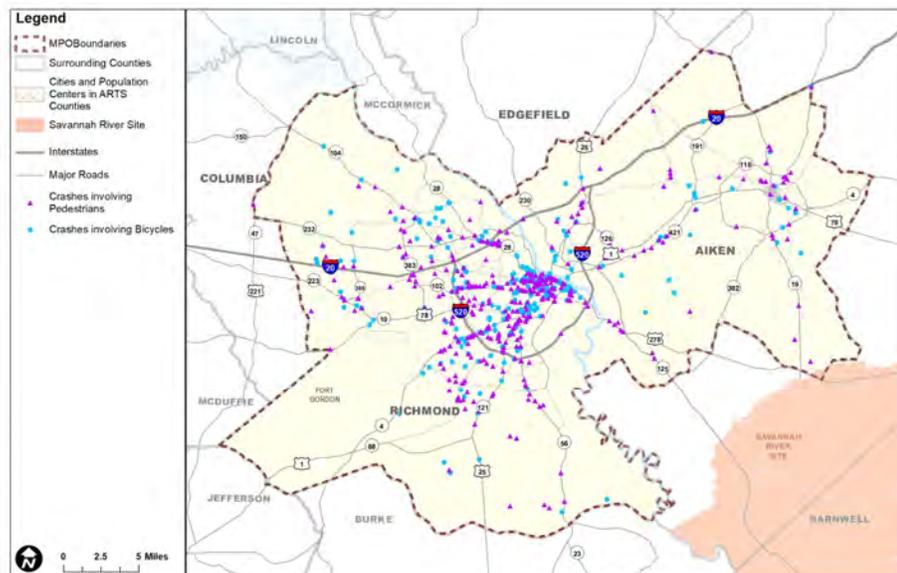
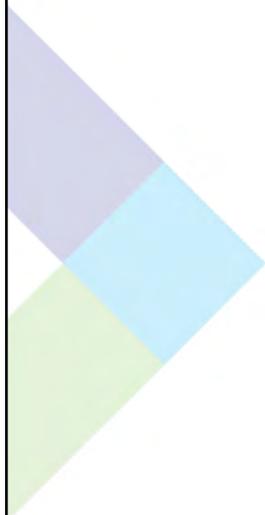
Level of Service (LOS) of Roadways - 2015



Fatal Crash Locations by Number of Fatalities



Bicycle and Pedestrian Crash Locations

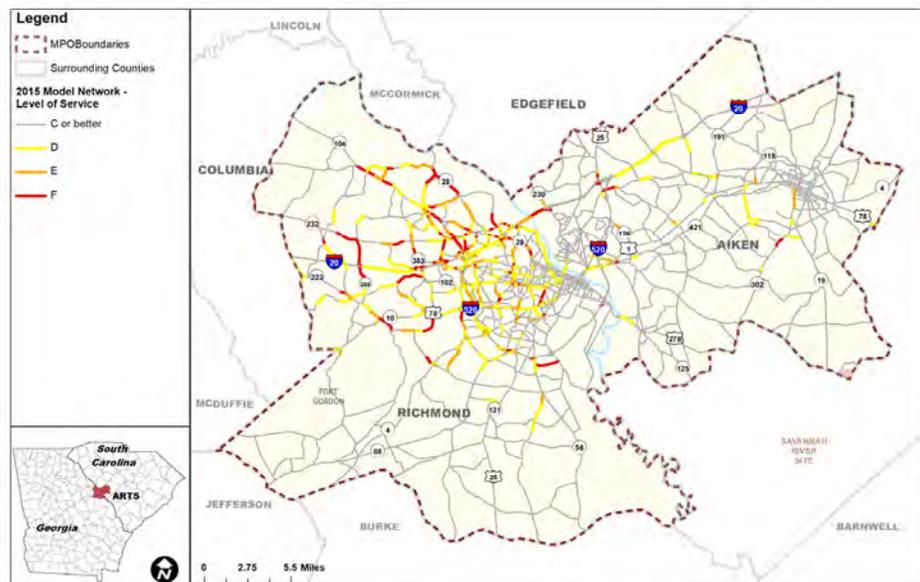


Ongoing Activities and Next Steps

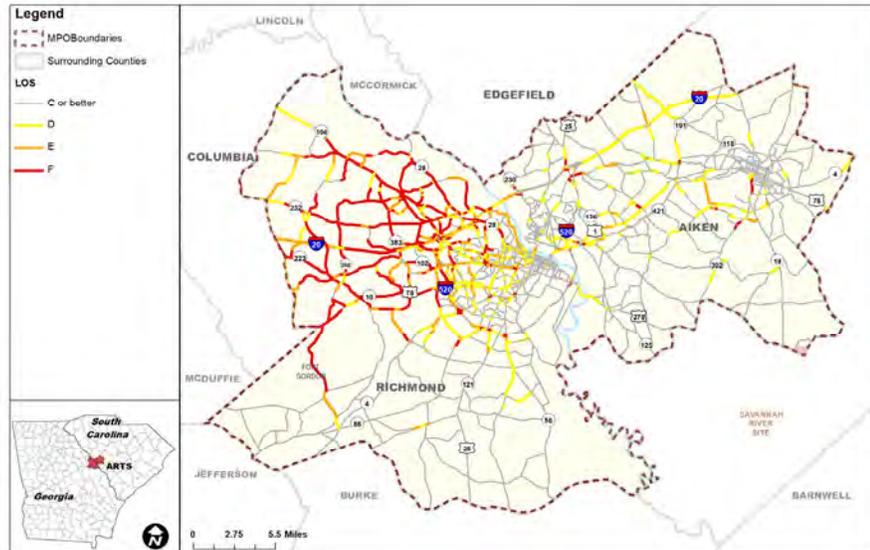
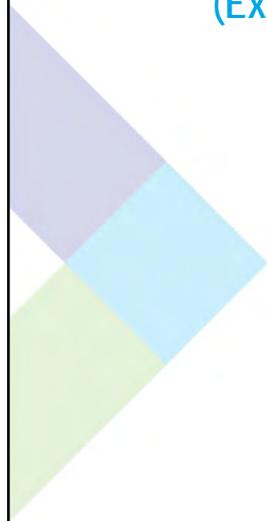
- ▶ Identify current and future needs
- ▶ Develop a list of “Universe of Projects”
- ▶ Finalize goals, objectives, and measures
- ▶ Confirm prioritization methodology
- ▶ Complete funding analysis
- ▶ Prioritize projects
- ▶ Create a list of “Financially Constrained Projects”
- ▶ Public Review Meeting
- ▶ Draft 2050 MTP

Coordinating
with GDOT &
SCDOT
and
Project
Partners

Level of Service (LOS) of Roadways - 2015



Level of Service (LOS) of Roadways – 2050 (Existing + Committed Projects)



How can you reach us?

Visit the project website:

www.futuremobility2050.com

Contact us:

Contact@FutureMobility2050.com

535 Telfair Street, Suite 300
Augusta, Georgia 30901
(706) 821-1796

Visit us on Facebook:

[@futuremobility2050](https://www.facebook.com/futuremobility2050)

ARTS2050
METROPOLITAN TRANSPORTATION
PLAN UPDATE ▶ *Future Mobility*
futuremobility2050.com

Thank You !



Consultant Team



2050 MTP Scenarios (Reference Only)

2 Do-Nothing	3 Existing + Committed projects	4 Completion of STIP/TIP system projects
5 Metropolitan Transportation Plan system projects	6 Financially Constrained Plan projects	



V. New Business

- A. Review and award FY 2020 TAP Call for Project Applications (2nd Round) (**Informational Purposes Only**)
 - I. James Brown Boulevard Streetscape - Phase 3
-Pages 31-53
 - II. Wrightsboro Rd/McCauley St At-Grade Highway/Railroad Crossing Safety Improvements Appraisal
-Pages 54-56

Status: **Reviewed**

Entry #: 6

Date Submitted: 2/10/2020 10:01 AM

PROJECT INFORMATION

Project Name James Brown Boulevard Streetscape - Phase 3	Agency Local Government
GDOT ID (if applicable) 0013707	STIP ID (if applicable)

Project Description

Phase III of the James Brown Boulevard Streetscape project involves demolishing old and constructing new sidewalks and adding streetscape features from Twiggs Street to Laney Walker Boulevard. This streetscape project will incorporate brick accents into the new concrete sidewalk, add street trees and street lights, and provide minimal streetscape furnishings.

Specifically, this work will include the demolition and replacement of sidewalks along the east side of James Brown Boulevard from the proposed roundabout at Twiggs Street to Laney Walker Boulevard. Ideally the streetscape project would include both sides of this corridor; however, due to the right-of-way constraints and potential utility relocations on the west side of James Brown Boulevard it is monetarily feasible only to include the east side at this time. The new sidewalk will be a concrete sidewalk with brick accents at street lights, corner aprons, and tree wells. Existing curb and gutter will be removed and replaced, increasing the shoulder width to improve pedestrian facilities and provide a wider tree lawn for streetscaping elements. The area between the sidewalk and back of curb will be landscaped with street trees and sod. Minimal streetscape furnishings, specifically decorative trash receptacles and light poles, will also be provided within this area to mirror the aesthetic finish of previous and ongoing enhancements to James Brown Boulevard. With all of the improvements, the corridor will also be brought up to compliance with the Americans with Disabilities Act (ADA) standards.

1. Is this a phase project?	If yes, how many?
Yes	4

2. What is the project timeline?
1 - 2 years

3. Has an enviornmental assesment been completed?
In Process

County Richmond	City Augusta
---------------------------	------------------------

PROJECT COSTS

Professional Engineering	TAP Funds PE 0	Match PE 0	Total Costs PE 0.00
Construction	TAP Funds Const 0	Match Const 0	Total Costs Const 0.00

Right of Way	TAP Funds ROW 321,248	Match ROW 80,312	Total Costs ROW 401,560.00
Other	TAP Funds Other 0	Match Other 0	Total Costs Other 0.00
Utility Phase	TAP Funds Utility 0	Match PE Utility 0	Total Costs Utility 0.00
TOTAL	TAP Funds Total 321,248.00	Match Total 80,312.00	Total Costs Total 401,560.00

Project Costs - Comments

Requested funds will be utilized in addition to previous TAP funds to complete this project. Original TIP for ROW on this project was \$15,440. During the design of this project, GDOT ROW office required estimating of ROW acquisitions to follow their standard process, as detailed in the attachment. This lead to a significant increase in ROW costs beyond the original available funds for this project.

Project and Cost Files (if available)

- 
[0013707 ROW FUNDING SUMMARY.pdf](#)
53.16 KB
 
- 
[LPA ROW Detailed Cost Estimate - 2019_11-06.pdf](#)
87.55 KB
 
- 
[Striping Plans JB3.pdf](#)
981.74 KB
 
- 
[Supporting Docs - original grant application.pdf](#)
1.97 MB
 

CONTACT INFORMATION

Primary Contact
Margaret Woodard

Contact Phone
(706) 722-8000

Contact - Title
Executive Director - Augusta Downtown Development Authority

Contact - Email
mwoodard@myaugustadowntown.com

PROJECT LOCATION

Project Maps

- 
[Location Map.pdf](#)
193.53 KB
 
- 
[Project Map.pdf](#)
211.37 KB
 



OFFICE OF THE MAYOR

DEKE COPENHAVER
MAYOR

November 18, 2014

Mrs. Melanie Wilson, Director
Augusta Planning and Development Department
525 Telfair Street
Augusta, GA 30901

Dear Mrs. Wilson,

This letter serves as support for the TAP Grant Application submitted by the Downtown Development Authority for Streetscape Improvements on James Brown Blvd. from Twiggs Circle to Laney-Walker Blvd.

In the last seven years, the City of Augusta has completed over \$100 million dollars in SPLOST Projects on James Brown Blvd. including the Judicial Center, Downtown Public Library and TEE Center Parking Deck. As a result of these projects, James Brown Blvd. has become a major gateway to our urban core.

The DDA has been successful in obtaining \$1.2 million dollars in GDOT Transportation Grants for Phase 1 and 2 for James Brown Blvd. which includes new sidewalks, street trees, street lights, directional signage and furniture from Jones Street to Barnes Street. Phase 1 of this exciting project broke ground last week with a project completion date of 6-8 months.

With the award winning revitalization efforts underway in the Laney-Walker/Bethlehem neighborhoods and Phase 1 of Twiggs Circle underway, James Brown Blvd. continues to serve as a vital artery from in-town neighborhoods to commercial districts on Laney Walker Blvd. and Broad Street. Beautification and walkability continue to play an important role in the success of these neighborhood revitalization projects.

I thank you in advance for your consideration of this worthy project.

Kind Regards,

Mayor Deke Copenhaver

Office of the Mayor
530 Greene Street, Suite 806
Augusta GA 30901
(706) 821-1831 – Fax (706) 821-1835
WWW.AUGUSTAGA.GOV



Housing & Community Development Department

Chester A. Wheeler, III
Director

November 18, 2014

Mrs. Melanie Wilson, Director
Augusta Planning and Development Department
525 Telfair Street
Augusta, GA 30901

Dear Mrs. Wilson,

This letter serves as support for the Downtown Development Authority TAP Grant Application for Streetscape Improvements on James Brown Blvd. from Twiggs Circle to Laney-Walker Blvd.

Phase I and II of the Twiggs Circle development are currently under construction. Phase I includes 40 senior living units (duplexes and single family homes) and Phase II includes 23 single family homes (mostly new, some restored), with a commercial mixed-use facility and green space planned for future phases. The project is bound by Wrightsboro Road, James Brown Blvd., Twiggs Street, and Picquet Avenue. The current economic investment in this redevelopment node is projected to be well over \$12 million.

Infrastructure improvements are vitally important to the success of this project. New sidewalks will provide walkability and street lighting will enhance the sense of safety important to urban dwellers. The Augusta Engineering Department expects to begin construction on traffic roundabouts at Twiggs Circle and James Brown Blvd. in February 2015, and the Master Plan for the Cultural Heritage Trail is almost complete. The Trail allows for connections in and around the community and a celebration of cultural milestones. The Trail also includes a proposed section in this grant application known as "Heritage Trace /James Brown Journey".

In closing, this grant application will leverage potential funding sources and attract new development as well. When outside developers see a city investing in its future, they are likely to invest as well.

Sincerely,

Chester A. Wheeler, III
Director





November 19, 2014

Mrs. Melanie Wilson
Director
Augusta Planning and Development Department
525 Telfair Street
Augusta GA 30901

1450 GREENE STREET
SUITE 85
AUGUSTA, GEORGIA 30901-5226

TEL: 706-722-9100
FAX: 706-722-9102
www.augustatomorrow.org

Dear Mrs. Wilson:

Augusta Tomorrow is considered to be the “keeper of the vision” and implementer with the City of Augusta of master plans for downtown Augusta starting with the 1982 Master Plan. We are currently working with the City to implement *The Westabou Vision* Urban Area Master Plan which was unveiled in 2009.

The 2009 Master Plan includes the revitalization of the Laney-Walker/Bethlehem Neighborhood as an important part of the regeneration of Augusta’s urban core. The Augusta Housing and Community Development Department has developed an overall plan for the area and much hard work has occurred leading to new and renovated housing stock in Heritage Pine, the flagship development in the overall revitalization of Laney Walker/Bethlehem. Ground breaking for the next phase of development, Twiggs Circle, took place in Augusta 2014. One of the first construction projects is a \$4.6 million public housing neighborhood project funded by the Augusta Housing Authority for 16 duplex units and 8 single-family homes. This project will have a tremendous impact to the south end of James Brown Boulevard.

Beautification and infrastructure needs are important to the success of any new development in our city center. The Downtown Development Authority has completed many streetscape and beautification projects with their SPLOST V and SPLOST VI allotments and was successful with the award of two GDOT Transportation Enhancement Grants that will transform James Brown Boulevard from Jones Street to Barnes Street. A TAP award for streetscape improvements would augment the Downtown Development Authority’s ability to continue their streetscape improvements efforts to James Brown Boulevard.

Augusta Tomorrow supports the Downtown Development Authority’s TAP application for streetscape improvements on James Brown Boulevard from Twiggs Circle to Laney-Walker Boulevard.

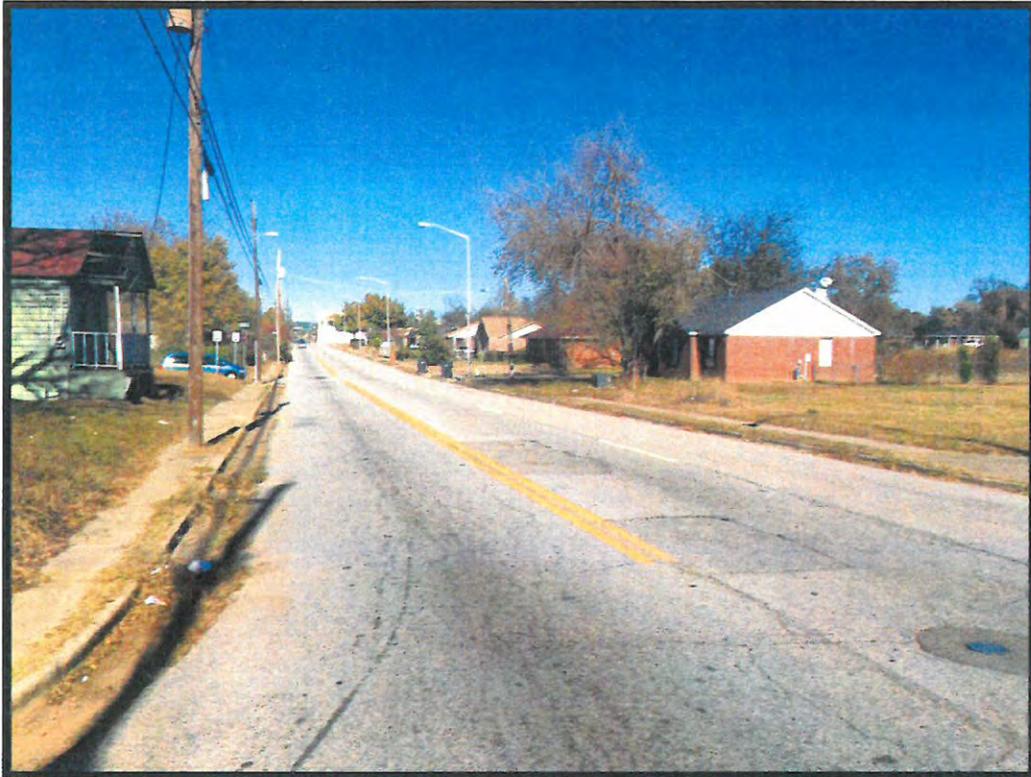
Sincerely,

A handwritten signature in blue ink that reads "Camille A. Price".

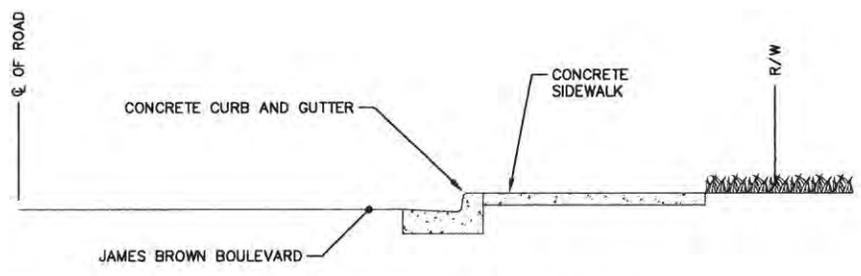
Camille A. Price
Executive Director

James Brown Boulevard Streetscape Phase 3

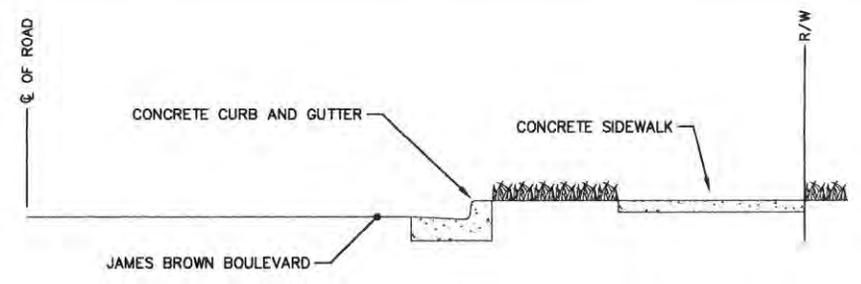
Existing Site Photographs



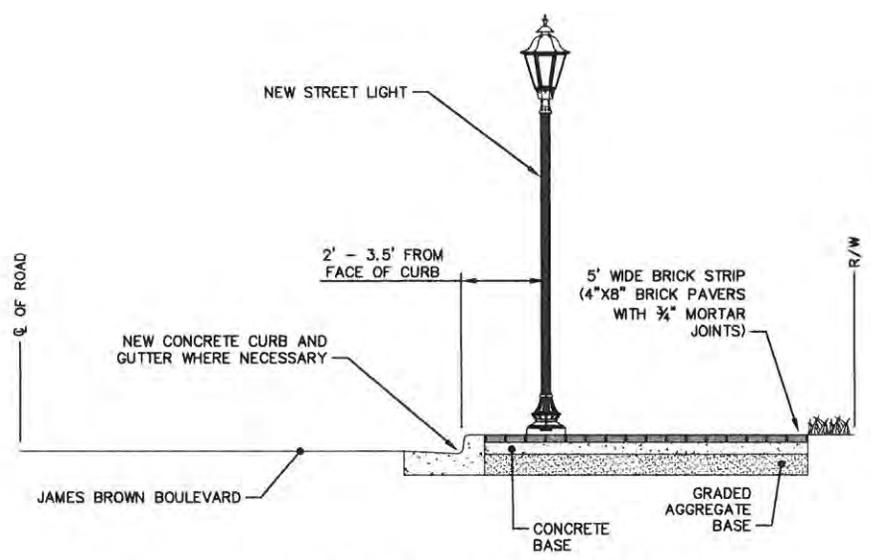




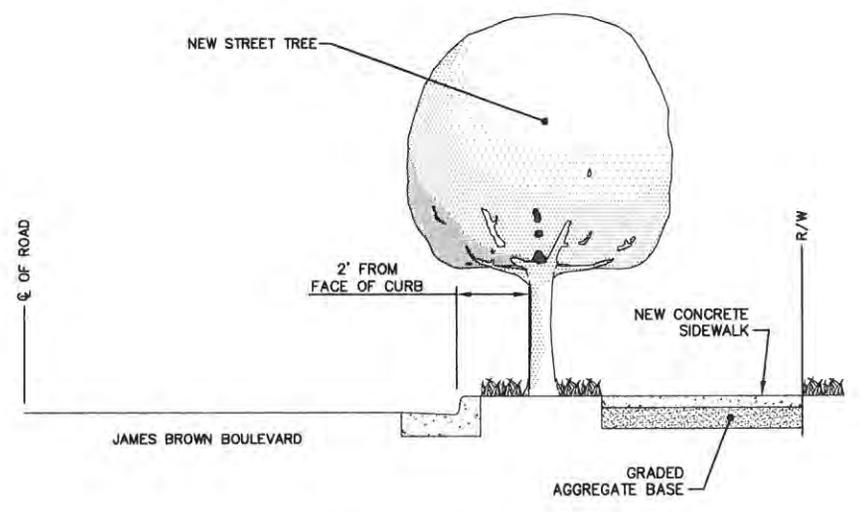
EXISTING TYPICAL SECTION I



EXISTING TYPICAL SECTION II



PROPOSED TYPICAL SECTION WITH STREET LIGHTS



PROPOSED TYPICAL SECTION WITH STREET TREES

**JAMES BROWN BOULEVARD, PHASE III
STREETSCAPE
TYPICAL SECTIONS**

 **Cranston Engineering Group, P.C.**
ENGINEERS - PLANNERS - SURVEYORS
401 ELLIS STREET, AUGUSTA, GEORGIA 30901
PORT OFFICE: 1005 OLIVE, AUGUSTA, GEORGIA 30906
TELEPHONE: 706-725-1000
FACSIMILE: 706-727-8770
info@cranstonengineering.com



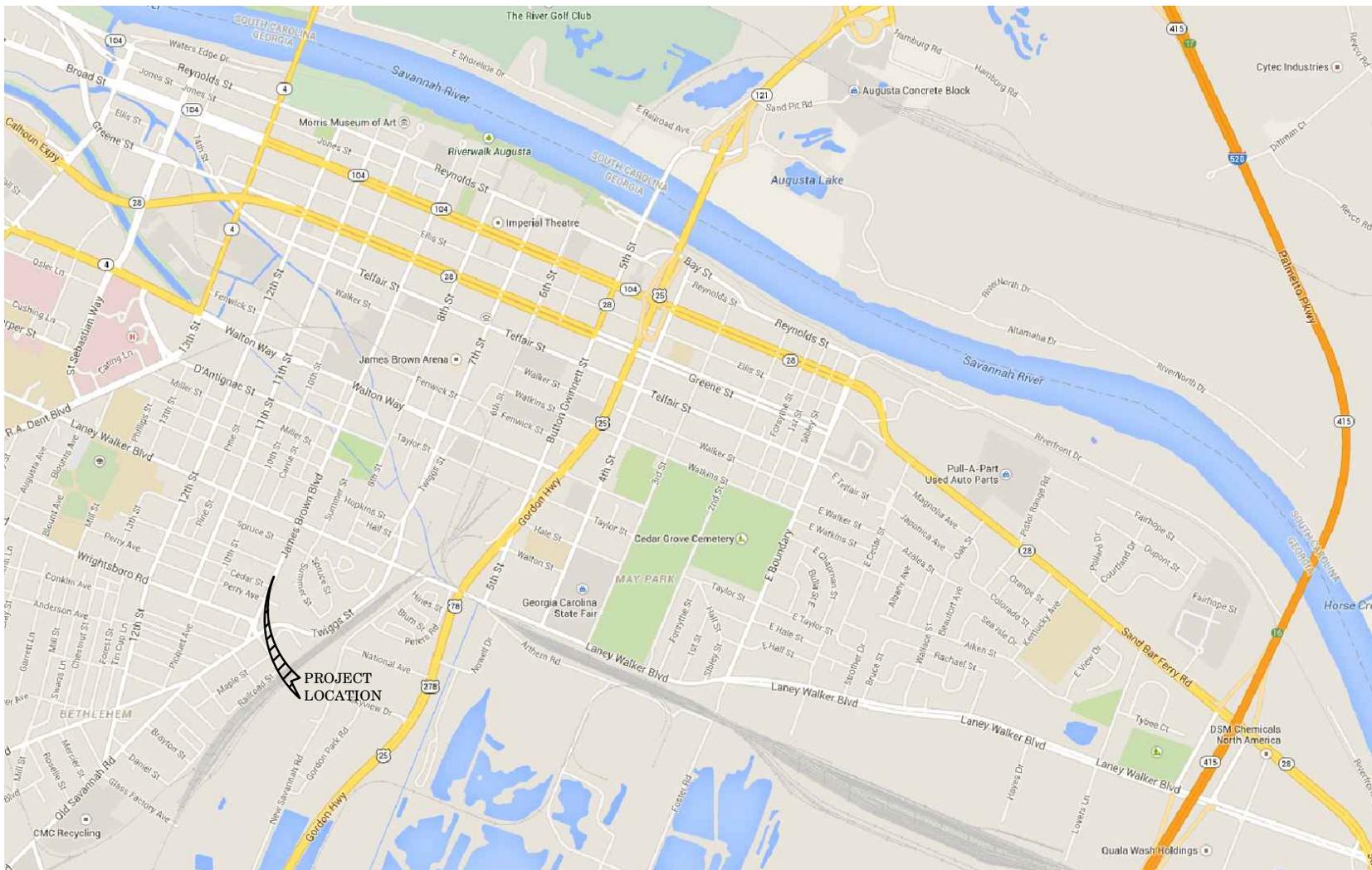
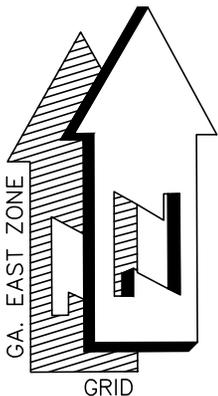
**JAMES BROWN BOULEVARD STREETScape - PHASE III
RIGHT-OF-WAY FUNDING SUMMARY**

CURRENT TIP ROW FUNDING	\$	15,440.00
CURRENT ROW COST ESTIMATE *	\$	417,000.00
<hr/>		
SHORTFALL	\$	401,560.00
80% TAP FUND ASK	\$	321,248.00
20% LOCAL MATCH	\$	80,312.00

* SEE ATTACHED PRELIMINARY ROW ESTIMATE SHEET, SUBMITTED TO AND APPROVED BY GDOT

LOCATION MAP

N.T.S.



CRANSTON
ENGINEERING

JOB NAME

James Brown Boulevard Streetscape - Phase III

JOB NO.

2016-0444

GDOT PI#0013707

DATE

2/7/2020

SHEET

1 OF 1

G:\AA-ACTIVE JOB FILES\2016\2016-0444 - JAMES BROWN BLVD STREETSCAPE DESIGN PHASE III\AA-PROPOSAL-CONTRACT-PROJECT\PLAN\TAP APPLICATION-JB III\CAD\LOCATION MAP.DWG 2/7/2020 4:57 PM

GEORGIA DEPARTMENT OF TRANSPORTATION
LOCAL ACQUISITION - DETAILED ROW COST ESTIMATE SUMMARY

Date (MM/YYYY): 10/2019 Project: Enhancement
 Revised: County: Richmond
 PI: 0013707
 Description: James Brown Boulevard Streetscape - Phase III
 Parcels: 17 R/W Plan Date: March 22, 2019
 FOR FUNDING ONLY

Land and Improvements _____ \$16,401.32
 Relocation _____ \$38,250.00
 Demolition _____ \$0.00
SUB TOTAL (Reimbursable) _____ \$54,651.32
 Valuation Services _____ \$91,250.00
 Legal Services _____ \$123,975.00
SUB TOTAL (Reimbursable) _____ \$215,225.00
 Sponsor In-House (Non-Reimbursable) _____ \$146,500.00

 TOTAL ESTIMATED COSTS _____ \$416,376.32
TOTAL ESTIMATED COSTS (ROUNDED) _____ \$417,000.00

Preparation Credits	Hours	Signature


*CG#:
11/7/19
*CG required only if used for Negotiations

Attachment(s): **Project Location Map; Subject/Comp Location Map; Comparable Sales Data**

	A	B	C	D
Land and Improvements	Residential	Commercial		
1 Fee Simple Estimate	\$3,896.10			
2 Perm Esmt Estimate	\$0.00			
3 Temp Esmt Estimate	\$4,092.54			
4 Potential Excess Estimate	\$0.00			
5 Damages	\$0.00			
6 Improvements	\$0.00			
7 Trade Fixtures	\$0.00			
8 Cost to Cures	\$0.00			
9 Minimum Award Adjustment	\$2,424.44			
10				
11				
12				
13				
14				
15				
16				
17				
18	SUB TOTAL PROPERTY TYPES			\$10,413.08
19	Counter Offers and Condemnation Increases (50%)			\$5,206.54
	Let Date (MM/YYYY)			07/2020
20	Projected Market Appreciation (10%)			\$781.69
21	GRAND TOTAL LANDS AND IMPROVEMENTS			\$16,401.32

	A	B	C	D
Valuation Services	Agriculture	Residential	Commercial	Industrial
1 Appraisals (# of Parcels)	0	12	5	0
2 Estimated Fees (per Parcel)	\$3,500.00	\$3,500.00	\$5,000.00	\$0.00
3 TOTAL APPRAISALS	\$0.00	\$42,000.00	\$25,000.00	\$0.00
4 Sign Estimates	0	0	0	0
5 Estimated Fees	\$750.00	\$750.00	\$750.00	\$750.00
6 TOTAL SIGN ESTIMATES	\$0.00	\$0.00	\$0.00	\$0.00
7 Specialty Reports	0	1	1	0
8 Estimated Fees	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
9 TOTAL SPECIALTY REPORTS	\$0.00	\$3,000.00	\$3,000.00	\$0.00
10 Septic/Well Reports	0	0	0	0
11 Estimated Fees	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
12 TOTAL SEPTIC/WELL REPORTS	\$0.00	\$0.00	\$0.00	\$0.00
13				
14				
15				
16 TOTAL VALUATION FEES	\$0.00	\$45,000.00	\$28,000.00	\$0.00
17	SUB TOTAL VALUATION SERVICES			\$73,000.00
18	Updates and Incidentals (Min \$2,500 or 25%)			\$18,250.00
19	GRAND TOTAL VALUATION SERVICES			\$91,250.00

	A	B	C	D
	Parcels	Estimated Fees		TOTALS
1	Meeting with Attorney	17	\$125.00	\$2,125.00
2	Preliminary Titles	17	\$200.00	\$3,400.00
3	Closing and Final Title	17	\$300.00	\$5,100.00
4	Recording Fees	17	\$50.00	\$850.00
5	Condemnation Filing	3	\$5,000.00	\$15,000.00
6	Litigation Costs	3	\$25,000.00	\$75,000.00
7	Updates and Incidentals	3	\$7,500.00	\$22,500.00
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16				
17	GRAND TOTAL LEGAL SERVICES			\$123,975.00

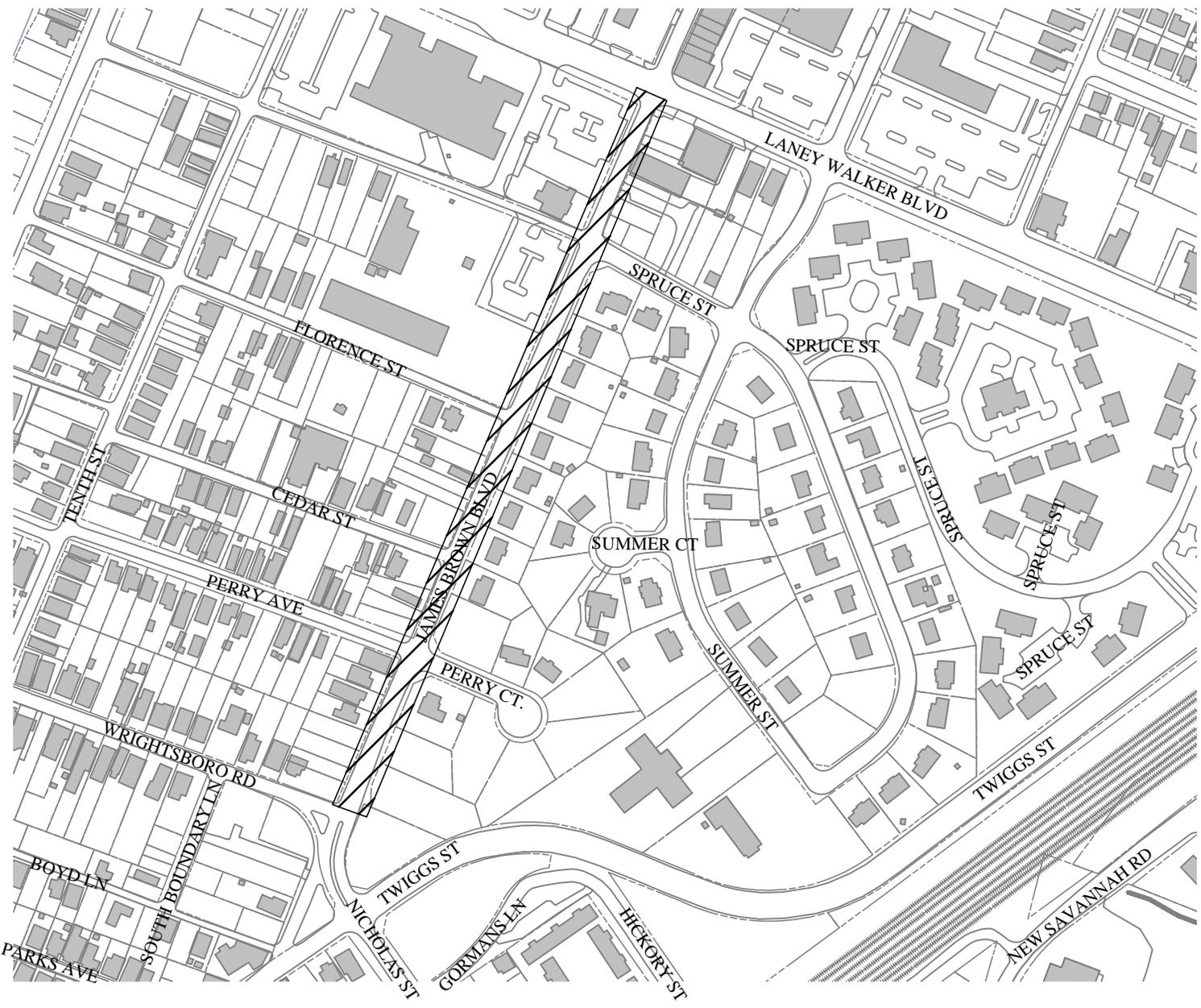
	A	B	C	D
Relocation	Displacements	Estimated Costs		TOTALS
1 Business Displacement	0	\$25,000.00		\$0.00
2 Residential Tenant	0	\$25,000.00		\$0.00
3 Residential Owner	0	\$45,000.00		\$0.00
4 Pro-Rata Taxes	17	\$1,000.00		\$17,000.00
5 Property Pin Replacement	17	\$1,250.00		\$21,250.00
6				
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17	GRAND TOTAL RELOCATION			\$38,250.00

	A	B	C	D
	Demolition	Items/Improvements	Estimated Costs	TOTALS
1	Residential Structures	0	\$17,500.00	\$0.00
2	Detached Garages/Outbuildings	0	\$8,000.00	\$0.00
3	Commercial Structures	0	\$25,000.00	\$0.00
4	Hotels/Apartments	0	\$65,000.00	\$0.00
5	UST's - Dispensers	0	\$50,000.00	\$0.00
6	Billboards	0	\$8,000.00	\$0.00
7	Signs - Light Standards	0	\$2,500.00	\$0.00
8	Water Vaults	0	\$15,000.00	\$0.00
9	Gas/Water Service Separation	0	\$2,500.00	\$0.00
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17	GRAND TOTAL DEMOLITION			\$0.00

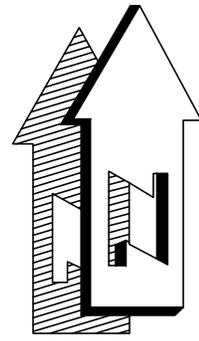
	A	B	C	D
	Parcels	Man hours per Parcel		TOTALS
1	Pre-Acquisition	17	40	\$34,000.00
2	Acquisition	17	100	\$85,000.00
3	Relocation	0	50	\$0.00
4	Administrative Appeals	5	50	\$12,500.00
5	Post-Acquisition	3	100	\$15,000.00
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17	GRAND TOTAL SPONSOR INHOUSE			\$146,500.00

	A	B	C	D
	Parcels	Man hours per Parcel		TOTALS
1	Pre-Acquisition	0	20	\$0.00
2	Acquisition	0	10	\$0.00
3	Relocation	0	20	\$0.00
4	Administrative Appeals	0	20	\$0.00
5	Post-Acquisition	0	10	\$0.00
6				
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13				
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16				
17	GRAND TOTAL AGENCY OVERSIGHT INHOUSE			\$0.00

G:\AA-ACTIVE JOB FILES\2016-0444 - JAMES BROWN BLVD STREETScape DESIGN PHASE III\AA-PROPOSAL-CONTRACT-PROJECT\PLAN\TAP APPLICATION-JB III\CAD\PROJECT MAP.DWG 2/7/2020 4:54 PM



PROJECT MAP



Approximate Length of Project
0.27 Miles (1400 ft)



LEGEND

-  Edge of Pavement
-  Railroad Tracks
-  Parcel Boundary
-  Building
-  Project Limits



CRANSTON
ENGINEERING

JOB NAME
James Brown Boulevard Streetscape - Phase III

JOB NO. 2016-0444 GDOT PI#0013707

DATE
2/7/2020

SHEET
1 OF 1

Status: **Reviewed**

Entry #: 7

Date Submitted: 2/17/2020 4:50 PM

PROJECT INFORMATION**Project Name**

Augusta Regional Transportation Study
 Wrightsboro Rd/McCauley St At-Grade
 Highway/Railroad Crossing Safety Improvements
 Appraisal

Agency

Local Government

GDOT ID (if applicable)**STIP ID (if applicable)****Project Description**

The staggered nature of the Wrightsboro Rd/McCauley St intersection has created a unique traffic environment compounded by the slightly elevated at-grade railroad crossing. With the opening of the Beacon Station Apartment Complex in June 2019 and the associated increase in motorized and non-motorized traffic there is the possibility of a degradation in safety at this intersection. The purpose of the project will identify safety/access/mobility challenges, quantify impacts and recommend solutions for the rehabilitation of this intersection.

1. Is this a phase project?

No

If yes, how many?**2. What is the project timeline?**

Less than a year

3. Has an environmental assesment been completed?

Not Required

County

Richmond County

City

Augusta

PROJECT COSTS

Professional Engineering	TAP Funds PE 0	Match PE 0	Total Costs PE 0.00
Construction	TAP Funds Const 0	Match Const 0	Total Costs Const 0.00
Right of Way	TAP Funds ROW 0	Match ROW 0	Total Costs ROW 0.00
Other	TAP Funds Other 64,000	Match Other 16,000	Total Costs Other 80,000.00

Utility Phase	TAP Funds Utility 0	Match PE Utility 0	Total Costs Utility 0.00
TOTAL	TAP Funds Total 64,000.00	Match Total 16,000.00	Total Costs Total 80,000.00

Project Costs - Comments

Funds required to secure professional services of a engineering or planning consultancy to execute the project

Project and Cost Files (if available)

Beacon Station Scope of Work 021020.pdf
55.09 KB

**CONTACT INFORMATION**

Primary Contact
Oliver Page

Contact Phone
706.821.1804

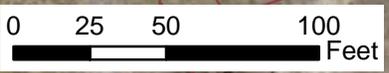
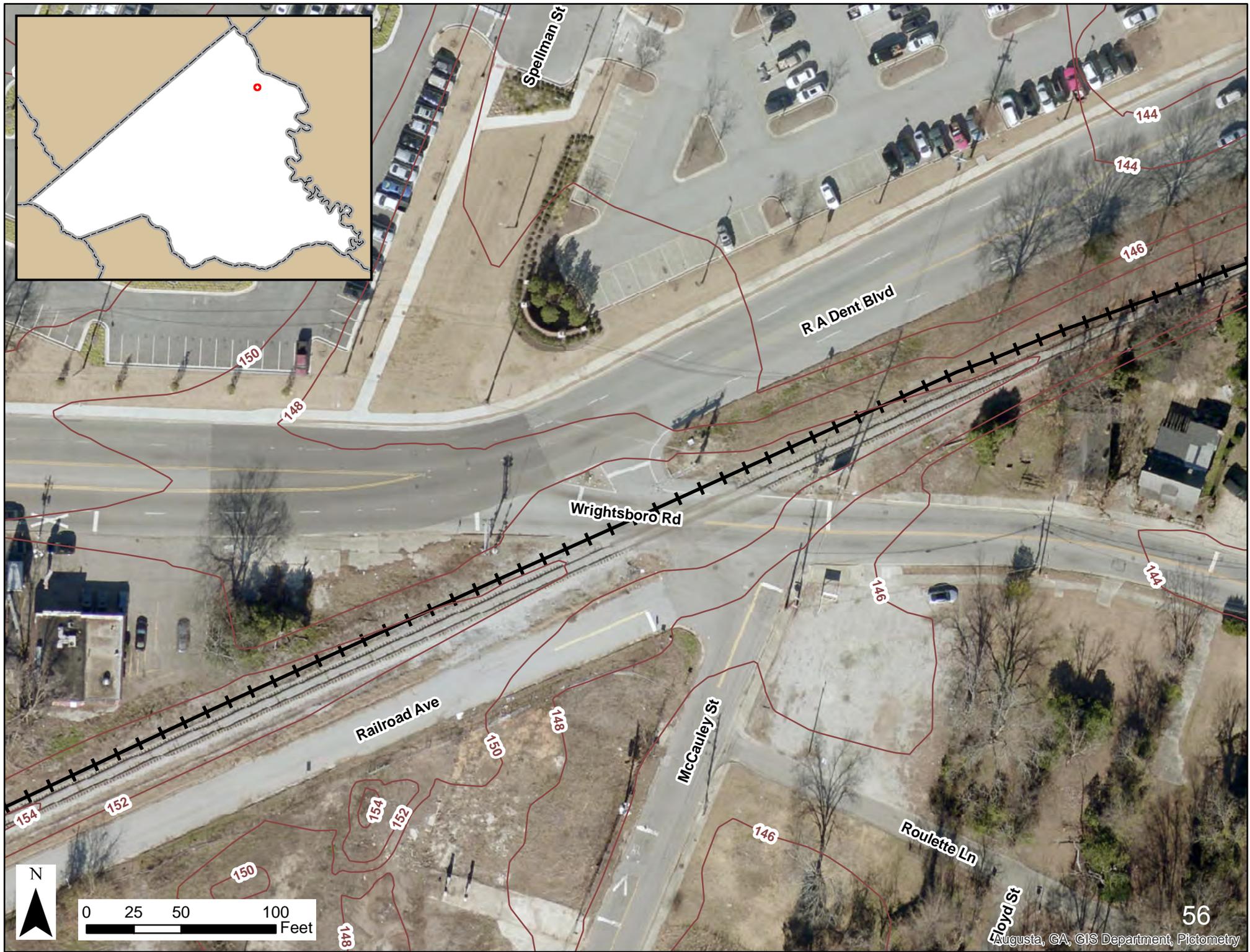
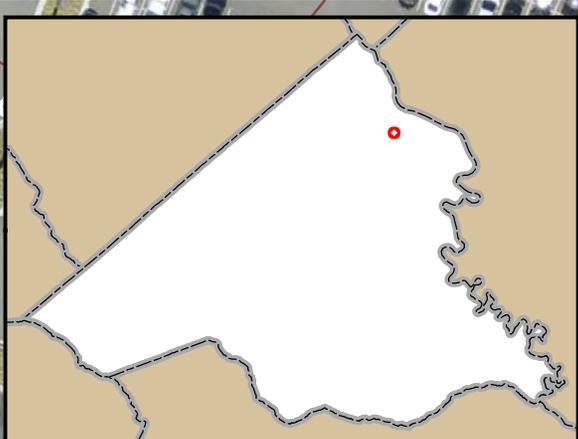
Contact - Title
Transportation Planner

Contact - Email
opage@augustaga.gov

PROJECT LOCATION**Project Maps**

WrightsboroDent2.pdf
2.53 MB





56



V. New Business

- C. Consider adoption of the Georgia Safety Performance Measures and Target Setting as required by the Federal Highway Administration (**PC Vote**)
– Pages 57-58

Georgia Safety Performance Measures

Performance Measure	2016-2016 Statewide Targets
Total Number of Fatalities	1698
Fatality Rate per 100 Million Vehicle Miles Traveled	1.280
Total Number of Serious Injuries	24,094
Serious Injury Rate per 100 Million Vehicle Miles Traveled	21.800
Total Number of Non-motorized Fatalities and Serious Injuries	1163.0



V. New Business

- D. Review and endorse the Draft FY 2021 Unified Planning Work Program **(PC Vote)**
– Pages 59-79



FISCAL YEAR 2021

**UNIFIED PLANNING WORK PROGRAM SUMMARY
FOR THE
AUGUSTA REGIONAL TRANSPORTATION STUDY**

**PREPARED BY THE
AUGUSTA PLANNING AND DEVELOPMENT DEPARTMENT**

**IN COOPERATION WITH:
AIKEN COUNTY PLANNING AND DEVELOPMENT DEPT.
AUGUSTA TRANSIT
LOWER SAVANNAH COUNCIL OF GOVERNMENTS
GEORGIA DEPARTMENT OF TRANSPORTATION AND
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

WORK ELEMENT 1 – ADMINISTRATION

TASK 1.1 - Program Coordination

Purpose: The purpose of this work element is to complete all of the basic activities needed to coordinate the work of ARTS participants and ensure compliance with all federal and state requirements.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$48,000.00		\$48,000.00
APDD (GA PL Match)	\$12,000.00		\$12,000.00
FHWA (SC PL)	\$6,000.00	\$45,000.00	\$51,000.00
ACPDD (SC PL Match)	\$1,500.00	\$11,250.00	\$12,750.00
TOTAL	\$67,500.00	\$56,250.00	\$123,750.00

TASK 1.2 - Training & Employee Education

Purpose: To expand the working knowledge of transportation planning methods, tools, techniques and procedures of the staff members involved in ARTS activities.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD)

FUNDING SOURCE	APDD	ACPDD	TOTAL
FHWA (GA PL)	\$31,200.00		\$31,200.00
APDD (GA PL Match)	\$7,800.00		\$7,800.00
FHWA (SC PL)		\$6,000.00	\$6,000.00
ACPDD (SC PL Match)		\$1,500.00	\$1,500.00
TOTAL	\$39,000.00	\$7,500.00	\$46,500.00

TASK 1.3 - Unified Planning Work Program

Purpose: The Unified Planning Work Program (UPWP) defines all ARTS planning activities undertaken in any fiscal year. The UPWP identifies the various agencies that will perform each activity and determines sources of funding for study activities. This document is prepared in conformance with Federal regulations.

Activities involved in preparing the UPWP include: a review of planning issues; development of goals and objectives to address those issues; and development of planning programs that coincide with the stated goals and objectives. The planning programs must be assigned to the proper study participants and funding must be secured.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department (ACPDD)

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$12,000.00		\$12,000.00
APDD (GA PL Match)	\$3,000.00		\$3,000.00
FHWA (SC PL)	\$800.00	\$2,000.00	\$2,800.00
ACPDD (SC PL Match)	\$200.00	\$500.00	\$700.00
TOTAL	\$16,000.00	\$2,500.00	\$18,500.00

WORK ELEMENT 2 – PUBLIC INVOLVEMENT

TASK 2.1 - Community Outreach/Education

Purpose: Provide information to ARTS participants and the general public about the transportation planning process; to respond to requests for information from the public; and to foster valuable public input into all transportation plans, programs and projects.

Public involvement is an integral part in the success of the regional transportation planning process. The ARTS Public Participation Plan, was adopted by the Policy Committee on June 4, 2007 and amended on September 6, 2012 and December 7, 2017. The Plan guides community outreach, education and public input into the regional transportation planning process. It also includes the steps to be taken to consult with other interested parties that have a stake in the transportation planning process. A variety of outreach and educational techniques are employed to obtain public input including, but not limited to, publicizing proposed changes to ARTS documents through multiple media platforms.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$16,000.00		\$16,000.00
APDD (GA PL Match)	\$4,000.00		\$4,000.00
FHWA (SC PL)	\$2,000.00	\$5,000.00	\$6,800.00
ACPDD (SC PL Match)	\$500.00	\$1,250.00	\$1,750.00
TOTAL	\$22,500.00	\$6,250.00	\$28,750.00

WORK ELEMENT 3 – TRANSPORTATION DATA COLLECTION AND ANALYSIS

TASK 3.1 - Socioeconomic Data/Environmental Justice

Purpose: Maintain a comprehensive, current socioeconomic database for the transportation planning process. Activities under this work element will focus on maintaining and updating the socioeconomic data needed for the ARTS travel demand model and the provision of essential services to all under-served populations.

The socioeconomic characteristics used in the ARTS travel demand model will be updated and major land use data is analyzed to track changes to Traffic Analysis Zone (TAZ) centroids. Environmental Justice (EJ) data is used to assess the impact of transportation projects on all under-served populations. The basic socioeconomic data is aggregated at the traffic zone level. EJ data will be aggregated at the census tract level. The MPO, with assistance from Columbia County, Georgia, will continue to maintain the data for the Georgia portion of the study area. Aiken County and the LSCOG, with assistance from ARTS staff, will maintain the data for the South Carolina portion of the ARTS area. GDOT will continue to maintain the ARTS travel demand model.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD); Aiken County Planning and Development Department (ACPDD); Columbia County Planning Division (CCPD); City of Aiken, SC; North Augusta, SC; Edgefield County, SC; and, their member governments.

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$14,000.00		\$14,000.00
APDD (GA PL Match)	\$3,500.00		\$3,500.00
FHWA (SC PL)	\$1,200.00	\$2,400.00	\$3,600.00
ACPDD (SC PL Match)	\$300.00	\$600.00	\$900.00
TOTAL	\$19,000.00	\$3,000.00	\$22,000.00

TASK 3.2 - Land Use Monitoring

Purpose: Maintain a current land use database for transportation planning processes. Land use information is useful in the annual update of socioeconomic estimates for the study areas.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning & Development Department (APDD), Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$3,200.00		\$3,200.00
APDD (GA PL Match)	\$800.00		\$800.00
FHWA (SC PL)		\$5,200.00	\$5,200.00
ACPDD (SC PL Match)		\$1,300.00	\$1,300.00
TOTAL	\$4,000.00	\$6,500.00	\$10,500.00

TASK 3.3 - Transportation Surveys, Models and Analysis

Purpose: To promote and encourage traffic safety throughout the ARTS area. To compile and distribute historical and current crash statistics and other data related to traffic safety to the public at-large and to state and local officials responsible for traffic and transportation safety.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning & Development Department (APDD), Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$12,000.00		\$12,000.00
APDD (GA PL Match)	\$3,000.00		\$2,000.00
FHWA (SC PL)	\$400.00	\$2,400.00	\$2,800.00
ACPDD (SC PL Match)	\$100.00	\$600.00	\$700.00
TOTAL	\$15,500.00	\$3,000.00	\$18,500.00

TASK 3.4 - Environmental Justice / Title VI

Purpose: Identify residential, employment, and transportation patterns for access to essential services for all under-served populations, as defined under Executive Order 12898 and Title VI of the 1964 Civil Rights Act, and address those needs by increasing the partnerships with the organizations that serve them. Title VI complaint process has been adopted by ARTS and AT. This ensures all individuals the rights and opportunities of those who wish to participate in the department’s programs, are given an equal opportunity to participate and/or receive departmental services or benefits. ARTS and AT jointly updated the Title VI Program for Augusta Georgia to comply with FTA regulations and guidance of (49 CFR part 21) in accordance with Circular FTA C4702.1 B issued October 1, 2012.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Aiken County Planning and Development Department (ACPDD)

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$8,400.00		\$8,400.00
APDD (GA PL Match)	\$2,100.00		\$2,100.00
FHWA (SC PL)		\$2,400.00	\$2,400.00
ACPDD (SC PL Match)		\$600.00	\$600.00
TOTAL	\$10,500.00	\$3,000.00	\$13,500.00

TASK 3.5 - GIS Development & Applications

Purpose: Continue the development and maintenance of GIS data and ARTS websites in support of transportation planning activities.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD), Richmond County IT-GIS Dept., City of Aiken, and Planning Services Division of Columbia County.

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$16,400.00		\$16,400.00
APDD (GA PL Match)	\$4,100.00		\$4,100.00
FHWA (SC PL)		\$40,000.00	\$40,000.00
ACPDD (SC PL Match)		\$10,000.00	\$10,000.00
TOTAL	\$20,500.00	\$50,000.00	\$70,500.00

WORK ELEMENT 4 - TRANSPORTATION SYSTEM PLANNING

TASK 4.1 – Metropolitan Transportation Plan

Purpose: Maintain updates of the ARTS MTP in accordance with transportation planning regulations.

The work activities and products in this work element will be coordinated with Work Elements: 2.1 Community Outreach, 3.3 Transportation Surveys, Model and Analysis, 3.5 - GIS Development and Applications, 4.2 - Congestion Management Process, 5.4.3-Public Transit and 6.1- Performance-Based Planning.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$8,000.00		\$8,000.00
APDD (GA PL Match)	\$2,000.00		\$2,000.00
FHWA (SC PL)	\$800.00	\$4,800.00	\$5,600.00
ACPDD (SC PL Match)	\$200.00	\$1,200.00	\$1,400.00
TOTAL	\$11,000.00	\$6,000.00	\$17,000.00

TASK 4.2 - Congestion Management Process

Purpose: To implement existing congestion mitigation strategies and projects identified in the 2019 CMP Update, MTP and ARTS Travel Demand Model. This work element will be integrated with Performance-Based Planning.

CMP is an integral transportation planning task in the ARTS planning area. The purpose of the ARTS CMP is to document traffic congestion on major transportation corridors in the study area; identify and implement strategies for reducing or eliminating the congestion; and track and/or program the implementation of congestion mitigation projects. Activities under this work element will include: completing the annual traffic congestion data collection and spatial analysis of travel data using the National Performance Management Research Data Set (NPMRDS) and/or HERE data.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$20,000.00		\$20,000.00
APDD (GA PL Match)	\$5,000.00		\$5,000.00
FHWA (SC PL)	\$800.00	\$3,200.00	\$4,000.00
ACPDD (SC PL Match)	\$200.00	\$800.00	\$1,000.00
TOTAL	\$26,000.00	\$4,000.00	\$30,000.00

TASK 4.3 - Intermodal Planning

Purpose: To incorporate bicycle, pedestrian, public transit, freight and non-motorized transportation planning activities into the overall ARTS transportation planning process. To implement projects that resolve conflicts between modes of transportation, such as rail/highway conflicts, and projects that improve connections and travel alternatives among modes of transportation.

This work element will be used to foster a transportation system that accommodates bicycle, pedestrian, public transit, freight and other non-motorized means of transportation. Activities under this work element will focus on evaluating the highway and rail conflicts in the ARTS area; to address the efficient movement of freight; to identify possible solutions to problem locations related to intermodal connections, and to improve safety for non-motorized travel.

Through the implementation of the Regional Bicycle and Pedestrian plan, the ARTS transportation system will be more intermodal. This plan prioritized proposed projects based on numerous factors identified by local stakeholders. The plan recommends local governments strengthen policies related to:

1. Bicycle paths and parking
2. Pedestrian facilities
3. Regional connectivity
4. Bicycle and Pedestrian Safety and Educational Outreach

The implementation of the Regional Bicycle and Pedestrian Plan will be pursued by ARTS MPO committees as projects in the TIP progress preliminary engineering and all subsequent phases of work during the project implementation.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD) and Aiken County Planning and Development Department (ACPDD), and Columbia County Planning Division (CCPD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$20,000.00		\$20,000.00
APDD (GA PL Match)	\$5,000.00		\$5,000.00
FHWA (SC PL)	\$400.00	\$3,200.00	\$3,600.00
ACPDD (SC PL Match)	\$100.00	\$800.00	\$900.00
TOTAL	\$25,500.00	\$4,000.00	\$29,500.00

TASK 4.4 - Air Quality Issues

Purpose: To monitor relevant air quality data and regulations, restart and coordinate the work of the CSRA Air Quality Alliance (or other regional/local air quality advocacy nonprofit organization), help implement local and regional air quality initiatives, keep local stakeholders informed about air quality issues and participate in air quality training.

ARTS will focus work on efforts to improve Air Quality by increasing access to public transit, connecting public transit to bicycle paths and installing bicycle racks in activity centers, and linking public transit to park-and-ride lots throughout the region. Rideshare and carpool programs are being researched to promote and market to regional businesses and universities.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$14,000.00		\$14,000.00
APDD (GA PL Match)	\$3,500.00		\$3,500.00
FHWA (SC PL)	\$1,600.00	\$3,600.00	\$5,200.00
ACPDD (SC PL Match)	\$400.00	\$900.00	\$1,300.00
TOTAL	\$19,500.00	\$4,500.00	\$24,000.00

TASK 4.5 - Bike and Pedestrian Plan Update

Purpose: To update the ARTS current Bicycle and Pedestrian Plan, which was adopted in 2012. The update of the Bike and Pedestrian Plan will emphasize current conditions of bike and pedestrian infrastructures, bike and pedestrian count volumes, bike and pedestrian needs assessment, and safety risk analysis. The development of an updated Bike and Pedestrian plan will also focus on identifying new projects for improving bike and pedestrian mobility within the ARTS area.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD)

FUNDING SOURCE	APDD	TOTALS
FHWA (GA PL)	\$15,228.00	\$15,228.00
TOTAL	\$15,228.00	\$15,228.00

TASK 4.6 – Special Transportation Studies

TASK 4.6.1 – Aiken County Access Management Plan

Purpose: The purpose of Access Management is to control or restrict roadway access through limiting or consolidating vehicular access points. The benefit of this access strategy improves transportation operations and safety along a roadway for all users. Access management improves safety by reducing the number and improving the spacing of conflict points along a roadway or corridor. Access Management also pays careful consideration to the interaction between automobile access points and the non-motorized (pedestrian and bicycle) and transit facilities along a roadway.

This work task proposes to hire a consultant/s to conduct the Aiken County Access Management Plan. The project will include but is not limited to: land use development policies, identification of access management practices, traffic analyses, capacity analyses, micro-simulation modeling, and the creation of concept drawings suitable for presentations to stakeholders, business and property owners, local and state elected officials and the public. This study will produce recommendations of access management improvement projects to present to the ARTS MPO committees and SCDOT to amend the 2050 MTP.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agency: Aiken County Planning and Development Department (ACPDD)

FUNDING SOURCE	ACPDD	TOTALS
FHWA (SC PL)	\$100,000.00	\$100,000.00
ACPDD (SC PL Match)	\$25,000.00	\$25,000.00
TOTAL	\$125,000.00	\$125,000.00

TASK 4.6.2 – US 1 Corridor Study

Purpose: U.S. Route 1 (US 1) is a north–south highway in the state of South Carolina. In Aiken County US 1 connects the cities of North Augusta and Aiken. Aiken County Council has commissioned a corridor study of US 1 to evaluate its functionality and roadway and adjacent land use interactions; and, make recommendations for improvements that would address congestion, economic development and highway safety.

The intent of this study is to assist ACPDD in the analysis of existing conditions, surrounding growth trends, greenspace and traffic patterns as well as determining the next steps for improvements. This study will also include an evaluation of alternatives in the management of existing and future traffic flows along the US 1 Corridor Gateway. Alternatives may include lane re-configurations, access management, intersection control options, alternative intersection designs, and pedestrian connectivity within the various land use districts along the US 1 Corridor Gateway.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agency: Aiken County Planning and Development Department (ACPDD)

FUNDING SOURCE	ACPDD	TOTALS
FHWA (SC PL)	\$100,000.00	\$100,000.00
ACPDD (SC PL Match)	\$25,000.00	\$25,000.00
TOTAL	\$125,000.00	\$125,000.00

TASK 4.6.3 – Georgia Avenue Traffic Calming and Pedestrian Access

Purpose:

- Continue new connections to pedestrian and multi-modal facilities from the bridge replacement on Georgia Avenue/15th Street
- Create detailed plans for implementation of traffic calming and pedestrian access on Georgia Avenue
- Determine needs to connect to surrounding land uses and important local landmarks

Overview: GDOT has initiated the replacement of the Georgia Avenue/15th Street Bridge. As one of the most important gateways into not only North Augusta, but also into Aiken County and South Carolina, it is important that the City connect proposed improvements through the North Augusta downtown area. The projects will include, at a minimum, traffic calming, recommendations for on street parking, recommendations for improved pedestrian and multimodal accommodations in downtown North Augusta.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agency: North Augusta Planning and Development Department (NAPDD)

FUNDING SOURCE	NAPDD	TOTALS
FHWA (SC PL)	\$40,000.00	\$40,000.00
NAPDD (SC PL Match)	\$10,000.00	\$10,000.00
TOTAL	\$50,000.00	\$50,000.00

TASK 4.6.4 – North Augusta Unified Transportation Plan

Purpose: The purpose of the Unified Transportation Plan is to prepare the City of North Augusta to better accommodate both recent development and proposed development at a systematically for the entire City and surrounding communities. This study proposes to incorporate several recently completed transportation plans and studies to bring large-scale studies to the City scale. The City believes that inclusion of multi and inter-modal planning is needed to support and accommodate preferred development patterns. In addition to determining the potential growth, traffic flow, safety, multimodal mobility and transportation infrastructure needs for short and long-term improvements, important study themes include the following:

1. Reduce/mitigate congestion and improve traffic safety
2. Increase mobility during peak travel times
3. Optimize the relationship between land use and transportation
4. Determine the location and feasibility of other multimodal systems and connections
5. Evaluate existing and future travel
6. Analyze the need and location for intersection improvements

This work task proposes to hire consultants to conduct the study. The project will included but not limited to: land use development policies, identify access management practices, traffic analysis, capacity analyses, micro-simulation modeling, signal warrants, and concept drawings suitable for presentations to stakeholders, business and property owners, local and state elected officials and the public. This study will produce recommendations of transportation improvements projects to present to the ARTS MPO committees and South Carolina Department of Transportation, as identified.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agency: North Augusta Planning and Development Department (NAPDD)

FUNDING SOURCE	NAPDD	TOTALS
FHWA (SC PL)	\$80,000.00	\$80,000.00
NAPDD (SC PL Match)	\$20,000.00	\$20,000.00
TOTAL	\$100,000.00	\$100,000.00

TASK 4.6.5 – Transportation Hub Accessibility and Land Travel Patterns in the ARTS Planning Area

Purpose: To analyze the impact of surface access and land travel patterns on the patronage of Augusta Regional Airport (AGS), the largest commercial airport in the ARTS planning area. With projected exponential population growth, increasing household incomes (Columbia County ranked #5 in Household median income in Georgia)¹ and consolidation of the Fort Gordon Military Base, US Cyber Command and Savannah River Site, such an assessment will complement proposed surface accessibility improvements in the ARTS planning area resulting from the updated MTP.

The proposed analysis will take into account Vehicle Miles Traveled (VMT), crash potential (i.e., accident exposure), environmental impacts, accessibility, parking charges, and travel costs, etc., by travelers who opt to use competing airports outside the ARTS planning area. Such travel if it continues to grow, wastes finite resources (given AGS accessibility) and puts undue stress on multimodal systems at these alternative airports of choice. Furthermore, it dampens the economic impact of AGS as a regional transportation hub and mitigates desired performance-based planning outcomes of multimodal transportation systems in the ARTS planning area.

Determining surface access and land travel patterns will be in the context of estimating the true cost of air travel by residents and visitors in the ARTS planning area. An understanding of the true costs has the potential to influence increased patronage of AGS given its accessibility and convenience when compared to hubs outside of the ARTS planning area. An understanding of land travel patterns will complement outputs from the ARTS Travel Demand Model (TDM). This analysis also offers a unique opportunity to develop a study template for other Georgia MPOs that have regional transportation hubs challenged by similar yet competing facilities outside their jurisdictions.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD)

FUNDING SOURCE	APDD	TOTALS
FHWA (GA PL)	\$50,016.41	\$50,016.41
APDD (GA PL Match)	\$12,504.11	\$12,504.11
TOTAL	\$62,520.52	\$62,520.52

¹ 2013-2017 American Community Survey 5-Year Estimates

TASK 4.6.6 – US1 Corridor Pedestrian Fatalities Analysis

Purpose: According to the 2019 Dangerous by Design Report (published by Smart Growth America) Augusta-Richmond County MSA ranks 20th (of the top 100 Metropolitan Statistical Areas Pedestrian Danger Index) as the most dangerous metro area for walking in the US.² SR1, which runs through the county, accounted 13 pedestrian fatalities (~20% of the 67 pedestrian fatalities for Richmond County) during 2008-2017, approximately one (1) per year. What factors may be at play influencing the high rate of pedestrian fatalities along this multilane highway that transects urban neighborhoods and light industrial zones in Augusta-Richmond County.

The study’s primary goal is to gain a deeper understanding as to the causes and risks to pedestrians crossing US1 in Richmond County (Gordon Highway from GA/SC state line through Deans Bridge Rd to Jefferson County line). Information that may guide the deployment of effective ‘evidence based’ safety measures and improve crossing needs awareness whilst decreasing pedestrian fatalities. Ensuring study goals are met a collaborative approach with the City of Augusta Engineering Department, Richmond County Sheriff Department and Georgia Bureau of Investigation will be sought.

FUNDING SOURCE	APDD	TOTALS
FHWA (GA PL)	\$50,016.40	\$50,016.40
APDD (GA PL Match)	\$12,504.10	\$12,504.10
TOTAL	\$62,520.50	\$62,520.50

² <https://smartgrowthamerica.org/app/uploads/2019/01/Dangerous-by-Design-2019-FINAL.pdf>

WORK ELEMENT 5 - PUBLIC TRANSIT / PARATRANSIT

TASK 5.1 - Program Support and Administration (44.21.00)

Purpose: To provide planning and administrative assistance to Augusta Transit and LSCOG. Under this work element, the MPO staff will provide assistance to Augusta Transit (AT) and Best Friend Express (BFE) in preparing financial and operation's reports required by the MAP 21/ FAST legislation. Assistance in the preparation of the National Transit Database (NTD) reports will also continue. Additional administrative assistance will include: Preparing required certifications; Updating annual Title VI assurances; Providing opportunity for public hearings on grant applications and fare/service changes; Processing procurements involving Federal and State funds; Assisting in planning for transit system capital investments that will lead to increased security for the transit system; Monitoring requirements of the grant process (e.g. labor certifications, third party contracting, bidding and award process;) Developing the Georgia public transportation portion of the Unified Planning Work Program; and providing technical assistance on any transit related issues facing AT. For LSCOG and the BFE their staff will participate in the above mentioned activities and will also engage in employee training and education; participation in, and attendance at, all ARTS committees; community outreach and marketing; multiple grant(s) development and grant administration; grant reporting; DBE reporting; procurement; service provider contracting and oversight

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD), Augusta Public Transit (AT) and Lower Savannah Council of Governments (LSCOG).

FUNDING SOURCE	APDD	LSCOG	TOTAL
FTA (FHWA GA SEC 5303)	\$28,105.80		\$28,105.80
GA DOT (SEC 5303 Match)	\$3,513.23		\$3,513.23
APDD (SEC 5303 Match)	\$3,513.23		\$3,513.23
FTA (FHWA SC SEC 5303)		\$26,040.00	\$26,040.00
LSCOG (SEC 5303 Match)		\$6,510.00	\$6,510.00
TOTALS	\$35,132.25	\$32,550.00	\$67,682.25

TASK 5.2 – Metropolitan Transportation Planning (System Level) (44.23.01)

Purpose: To provide and/or create current data annually that is utilized in the Metropolitan Transportation Planning (MTP) and Analysis. These data sets include Socioeconomic Data/Environmental Justice; Land Use Monitoring; Transportation Surveys, Models and Analysis; GIS Development and Application; Long Range Transit Planning; Performance-Based Planning; Congestion Management; Air Quality Issues; Public Administration; and Intermodal Planning. Community Outreach and Education is performed as part of this task to disseminate the new information. To successfully respond to public transit requirements for Transit Asset Management (TAM) Plans and for Safety. To review the ten year planning horizon for the BFE’s transit development plan (TDP).

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agency: Augusta Planning and Development Department (APDD), Augusta Public Transit (AT) and Lower Savannah Council of Governments (LSCOG).

FUNDING SOURCE	APDD	LSCOG	TOTAL
FTA (FHWA GA SEC 5303)	\$46,454.40		\$46,454.40
GA DOT (SEC 5303 Match)	\$5,806.80		\$5,806.80
APDD (SEC 5303 Match)	\$5,806.80		\$5,806.80
FTA (FHWA SC SEC 5303)		\$2,000.00	\$2,000.00
LSCOG (SEC 5303 Match)		\$500.00	\$500.00
TOTALS	\$58,068.00	\$2,500.00	\$60,568.00

TASK 5.3 - Short-Range Transportation Planning (44.24.00)

Purpose: To perform tasks that are immediate in nature and are reviewed for implementation within the next 3-5 years. APDD will assist AT with the task of monitoring performance and the implementation of existing plans on a short term basis. LSCOG staff will undertake their required short-range transit planning activities. This includes preparing the necessary operations reports, periodically evaluating the level of transit service, monitoring requirements of the grant process, preparing the annual update to the Title VI assurances, and helping prepare the next year’s UPWP.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agency: Augusta Planning and Development Department (APDD), Augusta Public Transit (AT) and Lower Savannah Council of Governments (LSCOG).

FUNDING SOURCE	APDD	LSCOG	TOTALS
FTA (SEC 5303)	\$33,701.00		\$33,701.00
GA DOT (SEC 5303 Match)	\$4,212.70		\$4,212.70
APDD (GA PL Match)	\$4,212.70		\$4,212.70
FTA (SEC 5303)		\$15,960.00	\$15,960.00
LSCOG (SEC 5303 Match)		\$3,990.00	\$3,990.00
TOTAL	\$42,127.00	\$19,950.00	\$62,077.00

TASK 5.4 - Transportation Improvement Program (44.25.00)

Purpose: AT and LSCOG will participate with the ARTS MPO in the completion of the TIP and its updates; coordinate with the MPO for the split allocation letters for Section 5307 funding; assist with the additional programming of FTA Section 5339 and 5310.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agency: Augusta Planning and Development Department (APDD), Augusta Public Transit (AT) and, Lower Savannah Council of Governments (LSCOG).

FUNDING SOURCE	APDD	LSCOG	TOTALS
FTA (FHWA GA SEC 5303)	\$32,159.20		\$32,159.20
GA DOT (SEC 5303 Match)	\$4,019.90		\$4,019.90
APDD (SEC 5303 Match)	\$4,019.90		\$4,019.90
FTA (FHWA SC SEC 5303)		\$4,000.00	\$4,000.00
LSCOG (SEC 5303 Match)		\$1,000.00	\$1,000.00
TOTAL	\$40,199.00	\$5,000.00	\$45,199.00

WORK ELEMENT 6 – PERFORMANCE-BASED PLANNING

TASK 6.1 - Performance-Based Planning

Purpose: PBPP refers to the application of performance management principles within the planning and programming processes of transportation agencies to achieve desired performance outcomes for the multimodal transportation system. PBPP attempts to ensure that transportation investment decisions are made – in both the long term MTP and short-term TIP programming of projects – based on MPO goals and objectives for improving the overall transportation system. The work activities and products in this work element will be coordinated with Work Elements: 2.1- Community Outreach; 3.3- Transportation Surveys; Model and Analysis; 3.5- GIS Development and Applications; 4.1- Metropolitan Transportation Plan; 4.2- Congestion Management Process, 4.3-Public Transit; and. 5.4- Transportation Improvement Program.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD), Aiken County Planning and Development Department (ACPDD), and Columbia County Planning Division (CCPD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$18,400.00		\$18,400.00
APDD (GA PL Match)	\$4,600.00		\$4,600.00
FHWA (SC PL)		\$9,600.00	\$9,600.00
ACPDD (SC PL Match)		\$2,400.00	\$2,400.00
TOTAL	\$23,000.00	\$12,000.00	\$35,000.00

WORK ELEMENT 7 – TRANSPORTATION IMPROVMENT PROGRAM

TASK 7.1 - Transportation Improvement Program (TIP)

Purpose: Update the ARTS TIP in conformance with Federal regulations.

This work element involves the annual update of the TIP. The TIP covers a four-year programming period in the Georgia part of the study area and six years on the South Carolina side. Updates involve the removal of projects that have advanced to construction; the development, or update of project descriptions or cost estimates; and, the prioritization of projects. The TIP is developed with public input and is coordinated with other transportation providers. Documentation of the effort is submitted for review and adoption by ARTS committees and goes through a public involvement process.

COST ESTIMATES AND PROPOSED FUNDING SOURCES

Responsible Agencies: Augusta Planning and Development Department (APDD), Georgia Department of Transportation (GDOT), South Carolina Department of Transportation (SCDOT) and Aiken County Planning and Development Department (ACPDD).

FUNDING SOURCE	APDD	ACPDD	TOTALS
FHWA (GA PL)	\$32,000.00		\$32,000.00
APDD (GA PL Match)	\$8,000.00		\$8,000.00
FHWA (SC PL)	\$1,600.00	\$5,200.00	\$6,800.00
ACPDD (SC PL Match)	\$400.00	\$1,300.00	\$1,700.00
TOTAL	\$42,000.00	\$6,500.00	\$48,500.00

Figure 3 - FY 2021 UPWP Budget

FIGURE 3 ARTS FY 2021 UPWP WORK ELEMENTS BY FUNDING SOURCE Revised 2/10/2020		AUGUSTA PLANNING & DEVELOPMENT DEPARTMENT							AIKEN CO PLANNING & DEVELOPMENT		LOWER SAVANNAH COUNCIL OF GOVERNMENTS (LSCOG -ACT)		NORTH AUGUSTA PLANNING & DEVELOPMENT		TOTAL
		FHWA GA PL	APDD MATCH	FHWA SC PL	ACPDD MATCH	FTA	SEC 5303	SEC 5303	FHWA SC PL	ACPDD MATCH	FTA	SEC 5303	FHWA SC PL	NAPDD MATCH	
						SEC 5303 FUNDS	GA STATE MATCH	APDD MATCH			SEC 5303 SC PL	LSCOG MATCH			
1.1	Program Coordination/Administration	\$48,000.00	\$12,000.00	\$6,000.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$45,000.00	\$11,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$123,750.00
1.2	Training/Employee Education	\$31,200.00	\$7,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46,500.00
1.3	UPWP	\$12,000.00	\$3,000.00	\$800.00	\$200.00	\$0.00	\$0.00	\$0.00	\$2,000.00	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,500.00
Subtotal: Program Administration		\$91,200.00	\$22,800.00	\$6,800.00	\$1,700.00	\$0.00	\$0.00	\$0.00	\$53,000.00	\$13,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$188,750.00
2.1	Community Outreach / Education	\$16,000.00	\$4,000.00	\$2,000.00	\$500.00	\$0.00	\$0.00	\$0.00	\$5,000.00	\$1,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,750.00
Subtotal: Public Involvement		\$16,000.00	\$4,000.00	\$2,000.00	\$500.00	\$0.00	\$0.00	\$0.00	\$5,000.00	\$1,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,750.00
3.1	Environmental Justice & Socioeconomic Data	\$14,000.00	\$3,500.00	\$1,200.00	\$300.00	\$0.00	\$0.00	\$0.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22,000.00
3.2	Land Use Monitoring	\$3,200.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,200.00	\$1,300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,500.00
3.3	Transportation Surveys, Models & Analysis	\$12,000.00	\$3,000.00	\$400.00	\$100.00	\$0.00	\$0.00	\$0.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,500.00
3.4	Environmental Justice / Title VI	\$8,400.00	\$2,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,400.00	\$600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,500.00
3.5	GIS Development & Applications	\$20,400.00	\$5,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,500.00
Subtotal: Data Collection/ Analysis		\$58,000.00	\$14,500.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$0.00	\$52,400.00	\$13,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$140,000.00
4.1	Metropolitan Transportation Plan	\$8,000.00	\$2,000.00	\$800.00	\$200.00	\$0.00	\$0.00	\$0.00	\$4,800.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17,000.00
4.2	Congestion Management	\$20,000.00	\$5,000.00	\$800.00	\$200.00	\$0.00	\$0.00	\$0.00	\$3,200.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00
4.3	Intermodal Planning	\$20,000.00	\$5,000.00	\$400.00	\$100.00	\$0.00	\$0.00	\$0.00	\$3,200.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29,500.00
4.4	Air Quality Issues	\$14,000.00	\$3,500.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$0.00	\$3,600.00	\$900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,000.00
4.5	Bike and Pedestrian Plan Update	\$12,182.40	\$3,045.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,228.00
Subtotal: Transportation System Planning		\$74,182.40	\$18,545.60	\$3,600.00	\$900.00	\$0.00	\$0.00	\$0.00	\$14,800.00	\$3,700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$115,728.00
4.6.1	Aiken County Access Management Plan	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125,000.00
4.6.2	US 1 Corridor Study	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125,000.00
4.6.3	Georgia Avenue Traffic Calming and Pedestrian Access	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,000.00	\$10,000.00	\$50,000.00
4.6.4	North Augusta Unified Transportation Plan	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$80,000.00	\$20,000.00	\$100,000.00
4.6.5	Transportation Hub Accessibility and Land Travel Patterns in the ARTS Planning Area	\$50,016.41	\$12,504.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62,520.52
4.6.6	US1 Corridor Pedestrian Fatalities Analysis	\$50,016.40	\$12,504.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62,520.50
Subtotal: Special Transportation Studies		\$100,032.81	\$25,008.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,000.00	\$50,000.00	\$0.00	\$0.00	\$120,000.00	\$30,000.00	\$525,041.02
5.1	Program Support and Administration	\$0.00	\$0.00	\$0.00	\$0.00	\$28,105.80	\$3,513.23	\$3,513.23	\$0.00	\$0.00	\$26,040.00	\$6,510.00	\$0.00	\$0.00	\$67,682.25
5.2	Long-Range Transportation Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$46,454.40	\$5,806.80	\$5,806.80	\$0.00	\$0.00	\$2,000.00	\$500.00	\$0.00	\$0.00	\$60,568.00
5.3	Short -Range Transportation Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$33,701.60	\$4,212.70	\$4,212.70	\$0.00	\$0.00	\$15,960.00	\$3,990.00	\$0.00	\$0.00	\$62,077.00
5.4	Transportation Improvement Program	\$0.00	\$0.00	\$0.00	\$0.00	\$32,159.20	\$4,019.90	\$4,019.90	\$0.00	\$0.00	\$4,000.00	\$1,000.00	\$0.00	\$0.00	\$45,199.00
Subtotal: Public Transit/Paratransit		\$0.00	\$0.00	\$0.00	\$0.00	\$140,421.00	\$17,552.63	\$17,552.63	\$0.00	\$0.00	\$48,000.00	\$12,000.00	\$0.00	\$0.00	\$235,526.25
6.1	Performance Based Planning	\$18,400.00	\$4,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,600.00	\$2,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,000.00
Subtotal: Performance Based Planning		\$18,400.00	\$4,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,600.00	\$2,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,000.00
7.1	Transportation Improvement Program	\$32,000.00	\$8,000.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$0.00	\$5,200.00	\$1,300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48,500.00
Subtotal: Transportation Improvement Program		\$32,000.00	\$8,000.00	\$1,600.00	\$400.00	\$0.00	\$0.00	\$0.00	\$5,200.00	\$1,300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48,500.00
GRAND TOTAL FY 2021 MPO PL & Local Match		\$389,815.21	\$97,453.81	\$15,600.00	\$3,900.00	\$140,421.00	\$17,552.63	\$17,552.63	\$340,000.00	\$85,000.00	\$48,000.00	\$12,000.00	\$120,000.00	\$30,000.00	\$1,317,295.27

Figure 4 - FTA Section 5303 Budget Activity Line Item

UPWP FY 2021 SECTION 5303 GA & SC ARTS FTA SUMMARY WORK ELEMENT		APDD			
		FTA SEC 5303	GA DOT Match	APDD Match	Total GA SEC 5303
5.1	Program Support and Administration (44.21.00)	\$28,105.80	\$3,513.23	\$3,513.23	\$35,132.25
5.2	Metropolitan Transportation Plan (44.23.01)	\$46,454.40	\$5,806.80	\$5,806.80	\$58,068.00
5.3	Short-Range Transportation Planning (44.24.00)	\$33,701.60	\$4,212.70	\$4,212.70	\$42,127.00
5.4	Transportation Improvement Program (44.25.00)	\$32,159.20	\$4,019.90	\$4,019.90	\$40,199.00
Total		\$140,421.00	\$17,552.63	\$17,552.63	\$175,526.25

UPWP FY 2021 SECTION 5303 GA & SC ARTS FTA SUMMARY WORK ELEMENT		LSCOG		
		FTA SEC 5303	LSCOG Match	Total SC SEC 5303
5.1	Program Support and Administration (44.21.00)	\$26,040.00	\$6,510.00	\$32,550.00
5.2	Metropolitan Transportation Plan (44.23.01)	\$2,000.00	\$500.00	\$2,500.00
5.3	Short-Range Transportation Planning (44.24.00)	\$15,960.00	\$3,990.00	\$19,950.00
5.4	Transportation Improvement Program (44.25.00)	\$4,000.00	\$1,000.00	\$5,000.00
Total		\$48,000.00	\$12,000.00	\$60,000.00