



AUGUSTA REGIONAL TRANSPORTATION STUDY (ARTS) METROPOLITAN PLANNING ORGANIZATION (MPO) TECHNICAL TEST NETWORK SUBCOMMITTEE MEETING Thursday, March 22, 2018 at 10:30 A.M.

AUGUSTA RICHMOND COUNTY MUNICIPAL BUILDING 535 TELFAIR STREET, 3RD FLOOR, SUITE 300 AUGUSTA GEORGIA 30901

MEETING MINUTES

Table with 2 columns: VOTING MEMBERS ATTENDING, VOTING MEMBERS ABSENT. Includes header row and three empty rows.

- 1. Carletta Singleton welcomed everyone and proceeded with introductions (Acknowledge Go-To-Meeting)
2. Recommend approval of the minutes of the Technical Test Network Subcommittee Meeting held on December 21, 2017.
3. Review and discuss ARTS Traffic Volume Map and Level of Service (LOS) GIS Spatial Map and Data Analysis.

Carletta Singleton explained that APDD is in the process of doing data collection for the Transportation Database, one is putting together a regional traffic volume map. The information goes into our congestion management plan process and it also gives us a tool with regards to showing the before and after in terms of projects once they are completed.

Dhruvi Panchal presented this item: Ms. Panchal presented the data analysis for the Traffic Volume Map and LOS Map for the ARTS MPO area. Ms. Panchal explained that

APDD updates Congestion management process every year for the ARTS Area. The ARTS Traffic Volume Map and LOS map shows data for all four counties (Richmond, Columbia, Aiken, and Edgefield). Roads on the LOS map (Pg. 13) received letter grades ranging from A to F identifying what roads really need improvement.

Carletta Singleton asked the traffic engineers and county engineers to really pay attention to the roads in their area. If for some reason the data isn't what they think it is in the field, she encouraged them to point it out and APDD will review the tables and the database that goes with it to verify or make any corrections. Ms. Singleton then thanked John with the Columbia County Engineering for assisting the APDD staff in putting together formulas and then doing quality control checks on some of the data.

Dhruvi Panchal continued to present the second LOS map that represents to ARTS county roads. This map shows the volume to capacity to each road in the county in the ARTS area. The red lines show that the road ratio volume is higher than capacity and these roads are already congested. Yellow lines show road that are almost congested. With this research Ms. Panchal found that few of the roads are already identified as a CMP Corridor Congestion Management Corridor, meaning it has a level of service grade is an F and the volume to capacity ratio is greater than 1. The following roads have been identified under the CMP Study Corridor 2014:

Richmond County	Wheeler Road from I-20 to I-520
	Walton Way Ext near I-20 through Davis Road
	15 th street
Columbia County	Furry Ferry Road from Baston road to North Belair road
	Evans to Lock Road
	Washington near Martinez Blvd.
Aiken and Edgefield County	Whiskey road from east pine log road
	Silver Bluff Road

Carletta Singleton asked engineers to remember that these maps only show volume of capacity and it does not take into consideration intersection analysis, signal timing, or number of traffic signals. Ms. Singleton also asked that if there is other data APDD should consider

4. Review and discuss Socio-economic Data Collection for ARTS –Regional Population Growth and Land use Development Trends Report.

5. Review and discuss Scope of Work for 2045 Performance Based Multimodal Transportation Plan (Five-Year MTP Update) to be developed under consultant services in FY 2019.

Bill Spivey presented this item: Mr. Spivey explained that we are beginning to write the scope of work for the 2045 Performance Based Multimodal Transportation Plan. The Federal Transportation Program was approved by President Obama on December 4, 2015. Funds for the STP from 2016 through 2020 with over \$305 billion or approximately \$56.2 billion per year for surface transportation projects across the United States. As a part of FAST ACT, there are new programs including facilitate freight movement and mobility, timely delivery of projects, improve the performance management process, and continuing the performance based planning program from MAP 21 which was passed in 2012 (Moving Ahead for Progress in the 21st Century Act). Mr. Spivey explained that the update is needed because federal regulations require APDD to update the LRTP once every four to five years, depending on air quality non-attainment (5 years) and maintenance areas (4 years). The ARTS 2040 LRTP was last updated in 2015 and has a 20 year planning horizon. The LRTP includes projected transportation demand, existing and proposed transportation facilities that function as integrated systems, operational and management strategies, an updated Congestion Management plan that is currently being worked on, preserve existing and projected future transportation infrastructure, pedestrian and bicycle facilities, and transportation and transit enhancements and other things that are a part of it.

The current 2040 LRTP is a strategic planning approach that encompasses identify deficiencies and impediments to safe travel and transportation of people, freight and services across the region. It includes data analysis of social-economic demographics including trends in population, housing, employment, economic growth and location of land development. It includes development and conduct regional travel demand model, assessment to determine both short and long term improvements.

The 2045 LRTP, besides being strategic, it also has to be performance based when addressing the National Performance Management Measures and National Goals like paving conditions for bridges and roads and other items that have been going through the committees over the last six months and are still in process.

The Federal Rules that establish the National Performance Management Measures applicable to MPOs are:

- Infrastructure - Assessing Pavement Condition for the National Highway Performance Program and Bridge Condition for the National Highway Performance Program;
- Safety - Highway Safety Improvement Program/Safety Performance Management Measures;
- System Performance - Assessing Performance of the National Highway System, Freight Movement on the Interstate System, and Congestion Mitigation and Air Quality Improvement Program.

The in incorporation of performance measures is important to aid in making informed decisions about strategic investments in the LRTP, by providing a method of comparing alternative scenarios based on implementing projects and evaluating their success in achieving the plan's goals and objectives. In the LRTP, performance measures can be used to evaluate projects included in the Needs Plan for inclusion in the Cost Feasible Plan.

The Performance Based portion must include the latest socio-economic and demographic data, inventory of existing transportation system, and other applicable plans such as the Highway Safety Improvement Program, State Highway Safety Plan, State Asset Management Plan for NHS, State Freight Plan, Transit Asset Management Plan, & Public Transportation Agency Safety Plan.

Mr. Spivey explained that as part of the scope of work APDD has 20 tasks to include and they will be streamlined. The Draft Scope of Work tasks include:

- Task 1: Extend the plan horizon year to 2045, update regional transportation networks for base year, existing and committed, and various future year network scenarios.
- Task 2: Develop a Transportation Plan that reflects significant and meaningful public input based on ARTS Public Participation Plan
- Task 3: Develop a Transportation Plan that includes a realistic financial plan
- Task 4: Socioeconomic
- Task 5: Traffic Analysis Zone Boundaries
- Task 6: Travel Demand Modeling
- Task 7: Recent Studies
- Task 8: Review and Perform Quality Control on Socio-economic demographic data by Census Tracts and TAZ for Travel Model Inputs including GIS database and shape files.
- Task 9: Develop Public Participation Outreach
- Task 10: Transportation System Data Collection
- Task 11: Existing Conditions Analysis
- Task 12: Update Vision, Goals, and Objectives for the 2045 LRTP
- Task 13: Performance Based Planning
- Task 14: Multimodal Transportation Issues and Needs Assessment
- Task 15: System Performance
- Task 16: Develop Project Prioritization Process and Matrix
- Task 17: Conduct Project Cost Estimation
- Task 18: Develop Financial Constraint Analysis.
- Task 19: 2045 Performance Based Multimodal Plan
- Task 20: Perform Environmental Justice/Title VI – Burden/Benefits and Equity Analysis on recommended plan.

The projected budget for the 2045 Long Range Transportation Plan Update is as follows:

FUNDING SOURCE	APDD	ACPDD	TOTALS
GDOT (PL FUNDS)	\$216,000.00	\$0.00	\$216,000.00
APDD (PL MATCH)	\$54,000.00	\$0.00	\$54,000.00
SC DOT (PL MATCH)	\$0.00	\$64,000.00	\$64,000.00
ACPDD (SC PL MATCH)	\$0.00	\$16,000.00	\$16,000.00
TOTAL	\$270,000.00	\$80,000.00	\$350,000.00

The schedule for developing the RFP is a two year process and is shown below.

ACTIVITIES	EXPECTED COMPLETION DATE
1. Prepare Draft Request for Proposal (RFP) review by FHWA, GDOT & SCDOT and other MPO Partners.	March 5, 2018 - FY 2018
2. Submit Draft Request for Proposal (RFP) for review by FHWA, GDOT & SCDOT and other MPO Partners.	March 7, 2018 - FY 2018
3. Review and approve Draft Request for Proposal (RFP) by the Test Network Subcommittee and Technical Coordinating Committee.	March 22, 2018 - April 12, 2018 FY 2018
4. Review and approve Draft Request for Proposal (RFP) by the Citizens Advisory Committee (CAC).	May 19, 2018 - FY 2018
5. Review and approve Draft Request for Proposal (RFP) by Policy Committee (PC).	June 7, 2018 - FY 2018
6. Submit request to release a solicitation to hire consultant(s) for 2045 LRTP Update. Assist Procurement Dept. with Solicitation for RFP	July 2018
7. Submit RFP Solicitation, project cost estimate, and draft advertisement to FHWA, GDOT and SCDOT for approval and revise if necessary	August 2018
8. Submit request to release a solicitation to hire consultant(s) for 2045 Performance Based Long range Multimodal Transportation Plan Update	August 2018
9. Release Solicitation for RFP to 2045 Performance Based Long range Multimodal Transportation Plan Update - Advertise	August 2018
10. Form consultant selection committee	August 2018
11. Review Proposals and short list consultants	September 2018
12. Conduct RFP Presentations	September 2018 – FY 2019

13. Select Consultant(s)	September 2018 – FY 2019
14. Document evaluation and selection process; prepare draft contract and submit draft agreement to FHWA and GDOT	September-October 2018 – FY 2019
15. Contract approval by Augusta Richmond County Commission	October 2018 – FY 2019
16. Contract award and notice to proceed	October 2018 – FY 2019
17. Project Management activities for consultants services on the 2045 Performance Based Long range Multimodal Transportation Plan	FY 2019 through FY 2020

Carletta Singleton explained this will be a special study in our FY 2019 UPWP, the requirement is that we present it through the committees with regards to the scope of work budget and schedule. APDD is bringing this information to the committees now so when we get June and July we will be ready to put it out for solicitation once the policy committee approves it. Completed projects that don't include federal funds needed to be updated to the network for modeling purposes and change the configurations of traveling lanes, turning lanes and etc. That information needs to be submitted from the members present at this meeting.

Ms. Singleton then informed the committee that they should think about how we will finance projects that are currently in the LRTP and TIP that have major budgets estimates and to start discussing that with their respective elected officials. At the county level APDD relies on county's city governments' to come up with a revenue source.

6. **Review and discuss FTA 5310 Enhanced Seniors and Disabled Person– Transit Service Performance Report.**

7. **Status of Other Regional Transportation Projects:**
 - a. **Georgia Highways**
 - b. **South Carolina Highways**
 - c. **Augusta Public Transit Dept.**
 - d. **Best Friend Express**

8. **Other Business – Announcements**

9. **Adjourn**