

AMENDMENT

**COLUMBUS-PHENIX CITY TRANSPORTATION STUDY
POLICY COMMITTEE**

A RESOLUTION TO AMEND THE 2016 UNIFIED PLANNING WORK PROGRAM

WHEREAS the Governors of Georgia and Alabama have designated the Columbus Department of Planning as the Metropolitan Planning Organization (MPO) for the Columbus-Phenix City (C-PCTS) urban area; and

WHEREAS it is necessary to amend the 2016 Unified Planning Work Program (UPWP) to add \$16,451.35 (Federal) and \$4,112.84 (Local) to Task 3.1 – Sub-element: Transportation Analysis, Models, and Surveys, \$48,000.00 (Federal) and \$12,000.00 (Local) to Task 3.4 – Sub-element: Special Transportation Studies & Projects, and \$16,000.00 (Federal) and \$4,000.00 (Local) to Task 4.1 – Sub-element: Congestion Management Process.

WHEREAS the funding increases for Task 3.1, Task 3.4, and Task 4.1 are Carry over Funds from FY 2015.

BE IT RESOLVED that the Columbus-Phenix City Transportation Study Policy Committee approves the amendment of the 2016 Unified Planning Work Program to add \$80,451.35 (Federal) and \$20,112.84 (Local) funds to Task 3.1 – Sub-element: Transportation Analysis, Models, and Surveys, Task 3.4 – Sub-element: Special Transportation Studies and Projects, and Task 4.1 – Sub-element: Congestion Management Process.



Mayor Teresa Tomlinson, Chairman
Columbus-Phenix City Transportation Study
Policy Committee

11/17/15

Date

Attest: 
Rick Jones, Planning Director

TASK # 3.1**Sub-element: Transportation Analysis, Models, and Surveys****➤ OBJECTIVE**

Continue a program of collecting, synthesizing, organizing, and storing a variety of useful community data that are technically sound and relevant to the transportation process.

➤ PREVIOUS WORK

Staff along with students from Auburn University and Georgia Tech began work on developing a software app for bicycle data in December 2014 and was completed in April of 2015. The mobile app will allow valuable data to be collected on bicycling in the area. Staff completed the traffic analysis for twenty-three (23) rezoning cases: REZN 7-14-1584, REZN 7-14-1607, REZN 7-14-1611, REZN 7-14-1623, REZN 8-14-1721, REZN 8-14-1832, REZN 8-14-1834, REZN 8-14-1835, REZN 8-14-1836, REZN 10-14-2314, REZN 10-14-2386, REZN 12-14-2623, REZN 12-14-2706, REZN 1-15-0112, REZN 2-15-0343, REZN 2-15-0383, REZN 2-15-0384, REZN 3-15-0503, REZN 3-15-0602, REZN 3-15-0609, REZN 4-15-0755, REZN 0-4-15-0762, REZN 4-15-0808.

➤ PROJECT DESCRIPTION

Staff will use the data from the bicycle app to determine the major routes that cyclists use within the transportation network and to identify possible bike lanes. Staff will continue to track changes in housing units, school enrollment, employment and population, significant land use changes will be tracked through the review of zoning cases, site plans, and subdivision plans. Due to a change in land use, the traffic analysis is needed to determine the impact on the transportation network. The MPO will collect multiple data from federal, state and local agencies and other sources in order to maintain and develop GIS, traffic modeling, and transportation databases. Activity under this work element focuses on the socio-economic database needed to operate the GDOT traffic generation model.

➤ PRODUCT

Maps, rezoning cases and other documents will be prepared as needed.

TARGET START AND END DATES	July 1, 2015 to June 30, 2016	LEAD AGENCY	C-PCTS
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FUNDING SOURCE	AMOUNT
FEDERAL HIGHWAY ADMINISTRATION	\$32,214.55
FEDERAL and ALABAMA DOT	\$ 3,055.20
COLUMBUS CONSOLIDATED GOVERNMENT	\$ 8,053.64
PHENIX CITY	\$ 763.80
TOTAL	\$44,087.19

TASK # 3.4**Sub-element: Special Transportation Studies & Projects (Freight, Bicycle & Pedestrian)****➤ OBJECTIVE**

To allow the MPO to respond to unanticipated requests from citizen requests, study committees, and local governmental entities for the purpose of analyzing transportation problems and recommending solutions. Depending on complexity of studies, consultant services may be used to augment staff efforts.

➤ PREVIOUS WORK

Traffic Study on SR 1 from Phenix Drive to Intersection of SR 28 and MLK, Jr. Parkway was completed in late 2014. Staff continued to work with Consulting Firms hired by the City of Columbus to improve several major streets and intersections; Forrest Road, Moon Road, intersection at St. Mary's Road and Northstar, Double Churches Road at Veteran's Parkway. Staff worked with GDOT and the Consulting Firms on the T-SPLOST Projects for Columbus; Buena Vista Road Spider Web, Custer Road Interchange, South Lumpkin Road Trail, Columbus River Walk. Staff acquired all necessary right-of-ways for all local projects and Federal funded TE projects.

➤ PROJECT DESCRIPTION

The MPO will conduct transportation studies as needed to address unanticipated or technically complex problems not otherwise addressed in the routine work program. Documents will be amended to include any studies that will require Federal funds. MPO staff will conduct a Freight Study to determine what type of freight travels through the Columbus-Phenix City Study area and origination and destination. Staff will review projects identified within the ATP (Alternative Transportation Plan) to determine how they will connect to our existing trails and roadways. MAP-21 regulations will be integrated in all transportation projects. Staff will continue to acquire all necessary rights-of-way for all local projects and designated federal funded projects.

➤ PRODUCT

The MPO staff will perform special studies when needed and warranted.

TARGET START AND END DATES	July 1, 2015 to June 30, 2016	LEAD AGENCY	C-PCTS
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FUNDING SOURCE	AMOUNT
FEDERAL HIGHWAY ADMINISTRATION	\$128,230.69
FEDERAL and ALABAMA DOT	\$ 47,084.60
COLUMBUS CONSOLIDATED GOVERNMENT	\$ 32,057.67
PHENIX CITY	\$ 11,771.15
TOTAL	\$219,144.11

TASK # 4.1**Sub-element: Congestion Management Process****➤ OBJECTIVE**

To develop management processes which provide for effective management of new and existing transportation systems through the use of operational and management strategies.

➤ PREVIOUS WORK

The MPO staff continued to monitor the CMP as needed. The Columbus-Phenix City MPO purchased the Cube Software from Citilabs that will be used to update the Congestion Management Process. This software is compatible with the GIS system / model used for the Transportation Network

➤ PROJECT DESCRIPTION

The MPO is responsible for the development of CMP. The MPO staff uses the CMP to identify congestion on major arterials throughout the urban study area. Some areas of congestion that have been identified are: Veteran's Parkway, north of Manchester Expressway, Buena Vista Road at I-185, The North Bybass @ US 280 (Alabama). The CMP report will be monitored and updated as required by the Federal Register. Process performance monitoring and proposed strategies will be integrated into the C-PCTS transportation planning process using the management systems and the data generated by them to create a feedback loop that will aid in the evaluation of the transportation planning process. These areas of congestion may need some type of transportation improvements depending on the type of congestion. The new project will be prioritized depending on the need and purpose.

➤ PRODUCT

Optimize the efficiency of existing transportation facilities. Update the CMP for Fiscal Year 2016.

TARGET START AND END DATES	July 1, 2015 to June 30, 2016	LEAD AGENCY	Columbus MPO
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FUNDING SOURCE	AMOUNT
FEDERAL and GEORGIA DOT	\$34,168.96
FEDERAL and ALABAMA DOT	\$ 1,528.00
COLUMBUS CONSOLIDATED GOVERNMENT	\$ 8,542.24
PHENIX CITY	\$ 382.00
TOTAL	\$44,621.20

FISCAL YEAR 2016 SOURCE OF FUNDS

*The FHWA PL and FTA Planning funds have been consolidated into PL category for Alabama

STATE ELEMENTS	GEORGIA						ALABAMA						GRAND TOTAL					
	SEP (ADOT)			RES (FTA)			SEP (ADOT)			RES (FTA)								
	FHWA	GA DOT	MATCH	COL	COL	MATCH	FHWA	ALDOT	MATCH	COL	COL	MATCH						
ADMINISTRATION																		
1.1 Operations and Administration	0.00	0.00		26,041.60	0.00	6,510.40							0.00	0.00	9,171.00	2,292.75	44,015.75	
1.2 Quarterly & Annual Reports	0.00	0.00		6,507.50	0.00	1,626.88							0.00	0.00	1,527.00	381.75	10,043.13	
1.3 Training/Employee Education	0.00	0.00		10,851.20	0.00	2,712.80							0.00	0.00	3,055.00	763.75	17,382.75	
1.4 UPWP	0.00	0.00		10,851.20	0.00	2,712.80							0.00	0.00	3,054.00	763.50	17,381.50	
Subtotal	0.00	0.00		54,251.50	0.00	13,562.88							0.00	0.00	16,807.00	4,201.75	88,823.13	
PUBLIC INVOLVEMENT																		
2.1 Community Outreach/Education	0.00	0.00		3,036.48	0.00	759.12							0.00	0.00	0.00	0.00	3,795.60	
2.2 Environmental Justice/Title VI	0.00	0.00		3,036.48	0.00	759.12							0.00	0.00	0.00	0.00	3,795.60	
2.3 Public Involvement Plan	0.00	0.00		9,116.16	0.00	2,279.04							0.00	0.00	1,550.00	387.50	13,332.70	
Subtotal	0.00	0.00		15,189.12	0.00	3,797.28							0.00	0.00	1,550.00	387.50	20,923.90	
DATA COLLECTION																		
3.1 Trans. Analysis, Models, Surveys	0.00	0.00		32,214.55	0.00	8,053.64							0.00	0.00	3,055.20	763.80	44,087.19	
3.2 GIS Development	0.00	0.00		13,022.40	0.00	3,255.60							0.00	0.00	3,665.20	916.30	20,859.50	
3.3 Regional Studies	0.00	0.00		0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	
3.4 Special Trans. Studies	0.00	0.00		128,230.69	0.00	32,057.67							0.00	0.00	47,084.60	11,771.15	219,144.11	
Subtotal	0.00	0.00		173,467.64	0.00	43,366.91							0.00	0.00	53,805.00	13,451.25	284,090.80	
SYSTEM PLANNING																		
4.1 Congestion Management	0.00	0.00		34,168.96	0.00	8,542.24							0.00	0.00	1,528.00	382.00	44,621.20	
4.2 Air Quality Technical Studies	0.00	0.00		21,703.88	0.00	5,425.92							0.00	0.00	1,500.00	375.00	29,004.80	
4.3 Transportation Plan	0.00	0.00		17,381.60	0.00	4,340.40							0.00	0.00	1,222.00	305.50	23,229.50	
4.4 Transportation Improvement Plan	0.00	0.00		15,191.04	0.00	3,797.76							0.00	0.00	2,749.00	687.25	22,425.05	
Subtotal	0.00	0.00		88,425.28	0.00	22,106.32							0.00	0.00	6,999.00	1,749.75	119,280.35	
TRANSIT SERVICE PLANNING																		
5.1 Prepare & Administer Grants																		
5.2 DBE																		
5.3 Transit MIS																		
5.4 Training & Conferences																		
5.5 Phenix City Transit Planning																		
Subtotal																		
GRAND TOTAL	0.00	0.00		331,333.54	0.00	82,833.39							125,000.00	31,250.00	102,267.00	25,566.75	835,293.68	