



METROPOLITAN PLANNING ORGANIZATION

COASTAL REGION METROPOLITAN PLANNING ORGANIZATION AUGUST 2021 MPO MEETINGS

Agenda Item: Amendments to FY 2022 UPWP

Presenter: Mark Wilkes, CORE MPO Staff

Summary: The FY 2022 Unified Planning Work Program (UPWP) is the proposed MPO staff work program for the fiscal year that runs from July 1, 2021 to June 30, 2022. The UPWP details the staff budget and work projects expected to be undertaken by the MPO in support of the federally mandated 3-C (Continuing, Cooperative and Comprehensive) transportation planning process.

The planning activities in the work program are supported by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), with matching funds from MPO member agencies.

In June 2021, the TCC endorsed a request from the City of Pooler for discretionary PL funding to conduct a corridor study of US 80 from Pooler Parkway to Dean Forest Road. Since this study is a new request made by the City of Pooler in May, 2021, it needs to be added to FY 2022 Unified Planning Work Program (UPWP) as a new illustrative task.

In June 2021, the TCC also endorsed a request from the MPC for a special study to address the impact of sea level rise and more frequent extreme weather on transportation and other infrastructure. To clarify the intent of the study, the name of the study is being revised to Urban Flooding Model (Impact on Transportation and Infrastructure). For consistency, the FY 2022 UPWP is being updated to reflect the new study name.

Additionally, ongoing scoping discussions regarding the planned Freight Plan Update have shown that the budget for this task needs to be adjusted.

The attached documentation shows the proposed changes to the FY 2022 UPWP.

Recommendation: Endorsement and approval of proposed UPWP amendments.



METROPOLITAN PLANNING ORGANIZATION

Resolution to Amend the FY 2022 Unified Planning Work Program of the Coastal Region Metropolitan Planning Organization (CORE MPO)

WHEREAS, the Coastal Region Metropolitan Planning Organization (CORE MPO) has been designated by the Governor of Georgia as the Metropolitan Planning Organization for the Savannah urbanized area; and

WHEREAS, the Georgia Department of Transportation (GDOT), in a letter dated May 29, 2015, outlined the “PL Funding Formula, Distribution and Review Committee Process”; and

WHEREAS, CORE MPO did formally adopt the FY 2022 Unified Planning Work Program (UPWP) as the official staff work program and budget for the CORE MPO at its regularly scheduled meeting on April 28, 2021; and

WHEREAS, CORE MPO would now like to amend the FY 2022 UPWP to include the US 80 Corridor Study in the unfunded illustrative section; and

WHEREAS, CORE MPO would now like to amend the FY 2022 UPWP to adjust the budget estimate for the Freight Plan Update task to reflect recent scoping discussions; and

WHEREAS, CORE MPO would also like to amend the FY 2022 UPWP to update the name of the previously included sea level rise study to Urban Flooding Model (Impact on Transportation and other Infrastructure); and

WHEREAS, the proposed UPWP amendments have been vetted by the CORE MPO’s Advisory Committees and comments received have been incorporated into the revised amendment report; and

WHEREAS, CORE MPO desires to complete the amendment process to incorporate the proposed changes into the FY 2022 UPWP.

NOW, THEREFORE, BE IT RESOLVED THAT, the Coastal Region Metropolitan Planning Organization approves the proposed amendments to the FY 2022 Unified Planning Work Program as shown in the summary of UPWP amendment report with any corrections based upon the motion of August 25, 2021.

CERTIFICATION

I hereby certify that the above is a true and correct copy of a Resolution adopted by the Coastal Region Metropolitan Planning Organization at a meeting held on August 25, 2021.

A handwritten signature in blue ink, appearing to read "Chester A. Ellis".

Chester A. Ellis, Chairman
Coastal Region Metropolitan Planning Organization

Freight Transportation Study

Project Description: Evaluate and update the recommendations, policies, and infrastructure improvements of the Freight Transportation Plan since its last plan update. The plan update will be scoped and coordinated with GDOT and the CORE MPO’s Economic Development and Freight Advisory Committee (EDFAC) and TCC. If it is determined during the scoping process that the desired Freight Plan Update scope of services requires additional resources beyond MPO staff, additional funding for consultant support services may be pursued through the GA PL Funds Review Committee. The updated MPO Freight Plan would include the use of newly available data in support of the reassessment and reevaluation of freight related areas which could including but is not limited to:

- Existing and Future Freight and Goods Movement.
- Freight Performance Measures.
- Freight Growth Forecasting.
- Freight Needs Assessment.
- Impacts from COVID and other unforeseen incidents.
- Land Use Assessment.

Product	Lead Agency/Local Sponsor	Consultants
Detailed plan identifying trends, issues and needs, recommendations for infrastructure improvements, and potential solutions and strategies. Identified infrastructure recommendations will feed into the 2050 Metropolitan Transportation Plan.	CORE MPO	TBA

Responsible Agencies:

Organization	Activity
MPC	Study oversight/project management, funding applications, RFP development, consultant procurement
Consultants	Project scope of services
GDOT and FHWA	Project coordination
Other local agencies	Consultation

Funding:

Proposed Funding Source	Amount
FHWA Discretionary PL	\$240,000.00
Discretionary PL Match	\$60,000.00
TOTAL FUNDS	\$300,000.00

Urban Flooding Model (Impact on Transportation and other Infrastructure)

Project Description: Improve adaptation and planning in response to regional and local effects of sea level rise and coastal inundation through targeted research on key technologies, natural and nature-based infrastructure, physical and biological processes, and model evaluation. Facilitate informed adaptation planning and coastal management decisions through a multidisciplinary research program that results in: Urban Flooding Optimization Model on Infrastructure (Rails, Roads, Trails, Infrastructure) and Livability and Land Use and capable of evaluating vulnerability and resilience under multiple SLR, inundation, and management scenarios. Scope to be detailed during project development.

Product	Lead Agency/Local Sponsor	Consultants
Urban Flooding Optimization Model on Infrastructure, Report	CORE MPO	TBA

Responsible Agencies:

Organization	Activity
MPC	Study oversight/project management, funding applications, RFP development, consultant procurement
Consultants	Project scope of services
GDOT and FHWA	Project coordination
Other local agencies	Consultation

Funding:

Proposed Funding Source	Amount
FHWA Discretionary PL	\$120,000
Discretionary PL Match	\$30,000
TOTAL FUNDS	\$150,000

New Illustrative Task 08/2021

US 80 Corridor Study

Project Description: The City of Pooler has seen tremendous growth over the last decade. Much of this growth has concentrated on Pooler Parkway, the gateway to most of the commercial activity and the Savannah International Airport. The study is necessary to evaluate the existing and future capacity and safety conditions of the corridor from the western point (Pooler Parkway) to the eastern point (Dean Forest Road / SR 307). The project will require the collection of traffic data and projections based on current land use. These collections will be used to determine if the corridor will require safety and congestion improvements in the short term. The study will consider all forms of transportation including freight and pedestrian/bicycle movements. This study will help the City of Pooler establish goals for the corridor and assist with planning short term local projects and long-term projects through the CORE MPO. This project would also benefit from the current study underway by the CORE MPO on State Route 307 / Dean Forest Road

Product	Lead Agency/Local Sponsor	Consultants
Establish goals for corridor, program of short and long term improvements. Study Report	MPC/Pooler	TBA

Responsible Agencies:

Organization	Activity
City of Pooler	Sponsor
CORE MPO/MPC	Project Management
Consultants	Project scope of services
Other local agencies	Consultation

Funding:

Proposed Funding Source	Amount
FHWA Discretionary PL	\$140,000
Discretionary PL Match	\$35,000
TOTAL FUNDS	\$175,000

Original Task

Freight Transportation Study

Project Description: Evaluate and update the recommendations, policies, and infrastructure improvements of the Freight Transportation Plan since its last plan update. The plan update will be scoped and coordinated with GDOT and the CORE MPO’s Economic Development and Freight Advisory Committee (EDFAC) and TCC. If it is determined during the scoping process that the desired Freight Plan Update scope of services requires additional resources beyond MPO staff, additional funding for consultant support services may be pursued through the GA PL Funds Review Committee. The updated MPO Freight Plan would include the use of newly available data in support of the reassessment and reevaluation of freight related areas which could including but is not limited to:

- Existing and Future Freight and Goods Movement.
- Freight Performance Measures.
- Freight Growth Forecasting.
- Freight Needs Assessment.
- Impacts from COVID and other unforeseen incidents.
- Land Use Assessment.

Product	Lead Agency/Local Sponsor	Consultants
Detailed plan identifying trends, issues and needs, recommendations for infrastructure improvements, and potential solutions and strategies. Identified infrastructure recommendations will feed into the 2050 Metropolitan Transportation Plan.	CORE MPO	Yes

Responsible Agencies:

Organization	Activity
MPC	Study oversight, funding applications, RFP development, consultant procurement
TBD	Local sponsor
GDOT and FHWA	Project coordination
Other local agencies	Consultation

Funding:

Proposed Funding Source	Amount
FHWA Discretionary PL	\$200,000.00
Discretionary PL Match	\$50,000.00
TOTAL FUNDS	\$250,000.00

Original Task

Sea Level Rise Study

Project Description: Improve adaptation and planning in response to regional and local effects of sea level rise and coastal inundation through targeted research on key technologies, natural and nature-based infrastructure, physical and biological processes, and model evaluation. Facilitate informed adaptation planning and coastal management decisions through a multidisciplinary research program that results in : Urban Flooding Optimization Model on Infrastructure (Rails, Roads, Trails, Infrastructure) and Land Use...Livability and Land Use. capable of evaluating vulnerability and resilience under multiple SLR, inundation, and management scenarios.

Product	Lead Agency/Local Sponsor	Consultants
Urban Flooding Optimization Model on Infrastructure, Report	MPC	

Responsible Agencies:

Organization	Activity
Scope to be detailed during project development.	

Funding:

Proposed Funding Source	Amount
FHWA Discretionary PL	\$120,000
Discretionary PL Match	\$30,000
TOTAL FUNDS	\$150,000