



Coastal Region Metropolitan Planning Organization

# Surface Transportation Block Grant (STBG) Urban Attributable (Z230) Funds

# APPLICATION

**FEBRUARY 2020**

Send the electronic copy  
of the completed application by:  
**5:00 p.m. on March 25, 2020**

**to:**

Wykoda Wang, Transportation Administrator  
Chatham County-Savannah Metropolitan Planning Commission  
110 E. State Street  
Savannah, GA 31401

**Contact info:**

912-651-1466

[wangw@thempc.org](mailto:wangw@thempc.org)

Coastal Region Metropolitan Planning Organization

**Surface Transportation Block Grant (STBG) Program**

CHECKLIST FOR APPLICANTS

- Have you answered all applicable questions in the application?

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- Has the appropriate person signed the application?

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- Have you filled out the detailed budget table on the last page of this application?

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- Please indicate the sources of funding you are requesting for this project.  
 Z230     HIP     Z301

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- Have you attached a letter from your governing board or official able to commit to the local match?

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- Have you attached a project location map?

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- Have you attached information demonstrating the basis of your project's cost estimate?

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- Have you attached other information that is applicable to the answers in your application?

# Surface Transportation Block Grant Program (STBG) Urban Attributable (Z230) Funds

## FEBRUARY 2020 CALL FOR PROJECTS

The Coastal Region Metropolitan Planning Organization (CORE MPO) is conducting a competitive project selection process to award expected FY 2022 - 2024 Surface Transportation Block Grant (STBG) Program Urban Attributable (Z230) funds, provided through the act entitled Fixing America's Surface Transportation Act (also known as FAST Act).

- **Expected Available Funds:**
  - **FY 2022 = \$4,000,000 (federal portion)**
  - **FY 2023 = \$4,000,000 (federal portion)**
  - **FY 2024 = \$4,000,000 (federal portion)**
- **Maximum Award Each Year = \$4,000,000 (federal portion)**
- **Minimum Award for a Project = \$200,000 (federal portion)**
- **At least 20% of the eligible costs of the proposed project must be locally funded.**  
(Previously incurred costs cannot be counted as part of the 20% match for the newly awarded federal funds.)

An applicant may request a minimum of *at least \$200,000 of federal funds*. The federal funding request in this application can represent no more than 80% of the total cost of the applicant's proposal. For example, if an applicant requests \$1,000,000, and provides no more than the required 20% local match, he/she would be submitting a proposal totaling \$1,250,000.

- **Federal Requirements**

Applicants should keep in mind that using the STBG funds involves adherence to federal requirements, as applicable, such as the National Environmental Policy Act (NEPA), prevailing wage rates (Davis-Bacon), Buy America, competitive bidding, and other contracting requirements, regardless of whether the projects are located within the right-of-way of a Federal-aid highway.

- **Projects funded through this selection process must be located within the CORE MPO's Metropolitan Planning Area (MPA) boundary.**

The CORE MPO - administered STBG Urban Attributable funds can only be spent within the MPO's Metropolitan Planning Area which includes all of Chatham County, the portion of Effingham County and Bryan County located within the Savannah Urbanized Area, as well as Richmond Hill.

- **Projects, if awarded funds, will be programmed in the CORE MPO's FY 2021 – 2024 Transportation Improvement Program (July 1, 2020 – June 30, 2024).**

Once the project is programmed in the TIP and the awarded federal funding is authorized in the program year, the funds must be obligated within two years, otherwise the funds will be rescinded for use by other selected priority projects.

**Please see CORE MPO Surface Transportation Block Grant Program Manual for additional information.**

## **Applicant and Project Information**

### **Eligible Entities**

Please indicate which type of eligible entity is the primary project sponsor: (Select one.)

- Local government

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- Regional transportation authority

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- Transit agency

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- Other local or regional governmental entity with responsibility for oversight of transportation improvements that the State of Georgia determines to be eligible.

### **Eligible Projects**

Please indicate **all** applicable categories your proposal falls under. **Please see CORE MPO Surface Transportation Block Grant Program Manual for information on project eligibility.**

- Highway Improvements

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- Bridge Improvements

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- Transit Improvements

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- Operational/Safety Improvements

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- Bicycle / Pedestrian /Non-Motorized Improvements

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- Planning Studies

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- Other

<b>Applicant Information</b>		
Agency Name (i.e. agency that will manage implementation) City of Savannah		Date 3/25/2020
Street Address P.O. Box 1027	City, State Savannah, Georgia	Zip Code 31402
Contact Person's Name Steve Henry, P.E.	Title Director, Mobility Services	
Contact Person's Phone Number 912-525-3100 x 2514	Contact Person's Email Address SHenry@savannahga.gov	
Project Manager's Name (if awarded) Steve Henry, P.E.	Title Director, Mobility Services	

<b>Project Overview</b>	
Project Name Savannah Traffic Control Center	
Project Location Description (please also attach a location map) The new Traffic Control Center (TCC) will be part of a new City Administration Building and replace the existing facility at 1100 W. Gwinnett St. that was constructed prior to the 1996 Olympics. The new building is designed and is under site demo with construction to be completed by 3 <sup>rd</sup> or 4 <sup>th</sup> quarter of 2021.	
County (or counties) in which project is located Chatham	City (or cities), if any, in which project is located Savannah
<p>Proposal Description Summary</p> <p>The City of Savannah is relocating their operations from the city lot on Gwinnett St to a new facility on Interchange Court. This will require that the existing TCC will need to be moved to the new site. The City of Savannah is partnering with the Georgia Department of Transportation to make the new facility connected to the GDOT system to provide a more regional operation that incorporates data from the City of Savannah TCC. The costs of the project does not include the building but does include contingencies. The costs associated with the request are for equipment, fiber installation extensions, consulting and software to make the new operation compatible with the GDOT systems.</p> <p>The City of Savannah and other local partners have been working with GDOT over the last few years to coordinate TCC systems. This new facility will place the City of Savannah more in line with other agencies in the MSA and allow for future growth of the system into a regional center. The new TCC will encompass approximately 2,500 square feet.</p> <p>Once funds are available, the City of Savannah will follow a procurement process to obtain the services of a GDOT Pre-qualified consultant to oversee the design and provide specifications for the facility. Once a design is finalized and approved by GDOT, the City of Savannah will advertise for bids to provide the FF&amp;E (Furniture, Fixtures &amp; Equipment) required for the project.</p>	

Total Estimated Project Cost*	Federal Z230 Funds Requested	Local Match Available
\$ 325,888.20	\$ 260,710.56	\$ 65,177.64
<i>*Please also be sure to fill out the Budget Detail Table at the end of this application.</i>		

**Who is providing the local match?**

Name of Agency or Organization	Source (e.g. particular CIP fund)
City of Savannah	Special Purpose Local Option Sales Tax Funds

*Please attach a letter signed by either your governing board or an official who can commit to the stated local match.*

**Has your agency managed and completed other federal-aid transportation projects before?**

(Choose one)

- 0 completed federal-aid projects

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- 1 completed federal-aid project

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- 2 completed federal-aid projects

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- 3 or more completed federal-aid projects

Please list as many as three federal-aid projects completed by your agency, *preferably for projects that are similar to your proposal*:

P.I. No.	Project Name	Sponsor's Project Manager

**What agency will maintain the project after completion?**

City of Savannah

**If a maintenance agreement is necessary, has it been executed?** (Chose one) Y / N / NA  
 If yes, please attach the agreement.

**If the completed project will generate the need for operational funds, please describe the estimated annual cost and the status and source of funding for operations.**

ANNUAL OPERATIONAL COSTS WILL BE FUNDED BY THE CITY OF SAVANNAH THROUGH THEIR YEARLY BUDGET PROCESS. THE ANNUAL COST TO OPERATE THE FACILITY, INCLUDING STAFFING IS ESTIMATED AT XXXXXX

**Will your project require purchase(s) or easement(s) for right-of-way** (Choose one) Y / N / Maybe  
 Additional information:

THE PROPERTY THAT WILL HOUSE THE FACILITY IS ALREADY OWNED BY THE CITY OF SAVANNAH.

**If other agencies or organizations are partnering with you on this application or on implementation of your proposal, please list and describe the nature and the status of any agreements (e.g. ROW donations or easements):**

Organization #1	
Georgia Department of Transportation	
Contact Name	Contact Phone
Matthew Glasser, P.E.	404-635-2836
Contact Email: mglasser@dot.ga.gov	
Status of Agreement	
No formal agreement is in place at this time. Discussions with GDOT are ongoing and agreements will be finalized once the new facility is operational.	

Organization #2	
Contact Name	Contact Phone
Contact Email:	
Status of Agreement	

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Organization #3	
Contact Name	Contact Phone
Contact Email:	
Status of Agreement	

**If funding were available today, how much time do you estimate would be needed for any phases of your project that would be funded by this request:**

Phase(s) to be Z230-funded	No. of Months
Construction	12

**Please list any necessary preliminary work that already *has been completed*, and provide dates (e.g. GDOT concept approval, FHWA environmental approval or categorical exclusion, etc.):**

Steps Completed	Date
None Required	



Please describe status of any non-Z230 funded work that *still needs to be completed before the project or phase that would be funded by this request can begin* (e.g. if Z230 funds + Local Match will fund only the construction phase, what is the status and schedule for the incomplete preliminary engineering and ROW phases?).

Status of Steps to be carried out before Z230-funded work begins	Estimated completion date
Acquisition of property for facility.	Completed
Design of facility.	6/2020

**In 500 words or less, please describe what public benefits and efficiencies would be provided to our area by your proposed project.** (For example, how does your project match the project ranking criteria such as freight connection, truck traffic, bridge rating, transit ridership, non-motorized connection, etc.? **(Please reference the CORE MPO Surface Transportation Block Grant Program Manual for project ranking criteria.)**)

A Traffic Control Center is currently serving the City of Savannah at the Gwinnett City Lot. The existing equipment is antiquated and needs replacement as apposed to relocation to the new facility. For a number of years the City of Savannah, Chatham County and the Georgia Department of Transportation have discussed the need to coordinate technology for the benefit of the region.

The City of Savannah is responsible for a large majority of the signalized intersections within the CORE MPO MSA. This effort is held in house and does not interface easily with the systems in place from the Georgia Department of Transportation. Chatham County manages some signals in the area but even some of those have assistance from the Georgia Department of Transportation.

A TCC serves in many ways to improve Level of Service issues without the need for hard improvements. The TCC allows the City of Savannah to manage peak hour flows and adjust timing for commuter traffic and some freight corridors within their jurisdiction.

In partnering with the GDOT the future of the program can be expandable. Much of the traffic congestion in the CORE MPO MSA is attributed to the higher than average truck traffic in our area. By partnering with GDOT and other jurisdictions in our MSA, traffic monitoring will allow for the use of directional signs already in place on GDOT routes to alert motorists to issues and allow them to adjust their routes. It is also hoped that his partnership will extend to the Georgia Ports Authority to direct trucks to those gates with minimal delay.

The TCC will also be available in the future on a regional level to assist in the event of another natural disaster. Hurricane evacuation routes can be monitored and adjusted to meet the demand of evacuees. Technology will provide the ability to make dynamic adjustments in ways that traditional construction methods and designs can never accomplish.

Project Sponsor Signature

SPONSOR

Patrick C. Monahan  
Signature (on hard copy)

March 25, 2020  
Date

Patrick C. Monahan  
Print Name

City Manager  
Title

Please remember:

- To fill out the Detailed Budget Table, to the extent applicable, on the following page;
- To attach a letter from your governing board or other official who can commit the agency to the stated local match.
- To attach a Project Location Map;
- To attach information showing the Basis of your Cost Estimate.



Budget Detail for Proposal										
Project Name:										
Activity	Desired Fiscal Year for TIP Programming (GDOT Fiscal Year) *	Total Estimate	Requested CORE MPO Z230 Federal Funds (Maximum allowed is 80% of your total eligible costs.)	Local Match (Minimum required is 20% of your total eligible costs.)	Local Match Breakdown (by source)					
					Amount A	Source A	Amount B	Source B	Amount C	Source C
PE	FY 21	\$30,000	\$24,000	\$6,000						
ROW										
Utilities	FY 21	\$125,000	\$100,000	\$25,000						
Construction										
Other activity Specify: Equipment and software acquisitions and installation.	FY 21	\$170,850	\$136,680	\$34,170						
Other activity Specify:										
Other activity Specify:										
<b>Total Amounts</b>		\$325,850	\$260,680	\$65,170						
Please use this area to explain whether other grants or sources (not already shown above) are dedicated either to the proposed phase or to future phases, of your project.										

\*The first GDOT fiscal year in the MPO's next TIP is FY 2021, which begins July 1, 2020. The last year of the next TIP is FY 2024, which begins July 1, 2023.

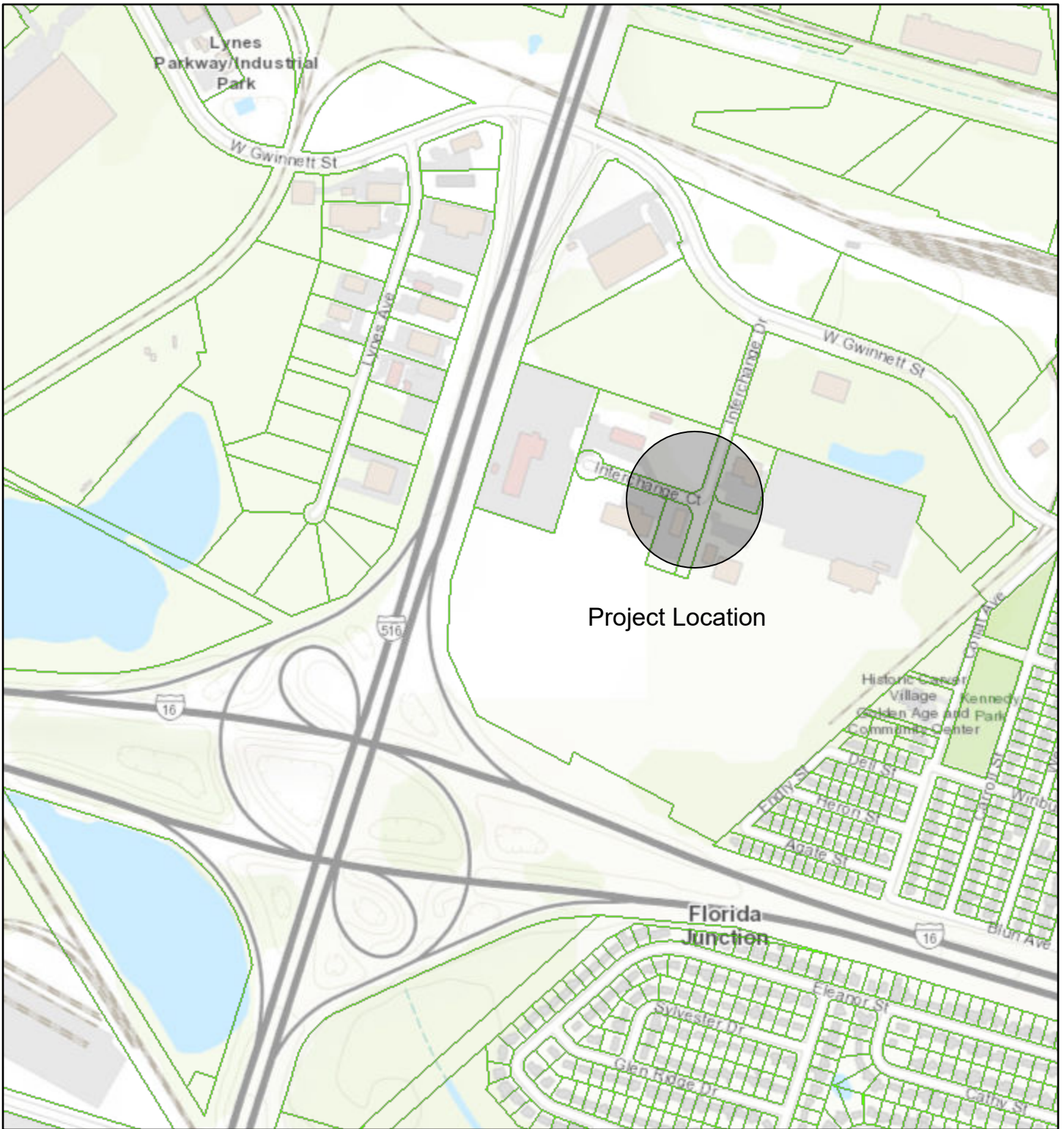
**City of Savannah**  
**Preliminary TCC Equipment Needs**

Date: August 31, 2018


<b>TCC Equipment List</b>	<b>Units</b>	<b>Cost</b>	<b>Contingency</b>	<b>Total Cost</b>
Cisco 3850 (Core Switch)	1	\$8,000.00	30.00%	\$10,400.00
Cisco 1921 (Router/Firewall)	1	\$1,200.00	30.00%	\$1,560.00
APC Smart UPS	1	\$320.00	30.00%	\$416.00
NEC MultiSync Monitor (Video Wall)	8	\$4,500.00	30.00%	\$46,800.00
Dell 3630 (Workstation)	9	\$1,290.00	30.00%	\$15,093.00
Dell 24" Monitor	27	\$290.00	30.00%	\$10,179.00
Dell wireless keyboard/mouse	9	\$65.00	30.00%	\$760.50
Dell 7920 Rack Mount Video Server	1	\$5,780.00	30.00%	\$7,514.00
Systimax96 Fiber LC FDC	3	\$953.00	30.00%	\$3,716.70
Avigilon Video Management Software Licenses (100 Cams)	1	\$37,200.00	30.00%	\$48,360.00
Maxview Server	1	\$4,480.00	30.00%	\$5,824.00
Workstation Chair	9	\$450.00	30.00%	\$5,265.00
<b>Total Preliminary Cost Estimate for FF&amp;E</b>				<b>\$155,888.20</b>

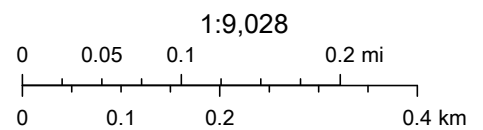
<b>Installation of FF&amp;E</b>	<b>\$15,000.00</b>
<b>Utilities - Fiber Optic Installation</b>	<b>\$125,000.00</b>
<b>Consulting Services - Hardware and software for GDOT Integration</b>	<b>\$30,000.00</b>
<b>Total Cost of TCC Request</b>	<b>\$325,888.20</b>
<b>Federal Share - 80%</b>	<b>\$260,710.56</b>
<b>Local Share - 20%</b>	<b>\$65,177.64</b>

# Savannah Traffic Control Center



3/24/2020, 1:22:29 PM

 Property Boundaries (Parcels)



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community, SAGIS



March 25, 2020

Ms. Wykoda Wang  
Transportation Administrator  
Chatham County-Savannah Metropolitan Planning Commission  
110 E. State Street  
Savannah, GA 31401

RE: Funding Match Confirmation Letter  
Traffic Control Center  
Savannah, Georgia

Dear Ms. Wang,

The purpose of this letter is to confirm that the City of Savannah, Georgia will commit the projected match of **\$65,170** for the referenced project through its Special Purpose Local Option Sales Tax (SPLOST) funds which can be allocated to the new Traffic Control Center such as what is proposed.

Please contact me should you have any questions or if you need additional information.

Sincerely yours,

A handwritten signature in blue ink that reads "Patrick C. Monahan".

Patrick C. Monahan  
City Manager