



Coastal Region Metropolitan Planning Organization

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

# APPLICATION

**JANUARY 2017**

Send the electronic copy  
of the completed application by:

**February 3, 2017, 5:00 p.m.**

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?
- Has the appropriate person signed the application?
- Have you filled out the detailed budget table on the last page of this application?
- Have you attached a letter from your governing board or official able to commit to the local match?
- Have you attached a project location map?
- Have you attached information demonstrating the basis of your project's cost estimate?
- Have you attached other information that is applicable to the answers in your application?

Coastal Region Metropolitan Planning Organization (CORE MPO)

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

## 2017 CALL FOR PROJECTS

The Coastal Region Metropolitan Planning Organization (CORE MPO) is conducting a competitive project selection process to award 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 = \$13 million (federal portion)**
- **Maximum Award = N/A**
- **Minimum Award = \$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 for *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 2018 – 2021 Transportation Improvement Program (July 1, 2017 – June 30, 2021).**

Once the project is programmed in the TIP and the awarded federal funding is authorized in a certain federal fiscal 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
- Regional transportation authority
- Transit agency
- 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
- Bridge Improvements
- Transit Improvements
- Operational/Safety Improvements
- Bicycle / Pedestrian /Non-Motorized Improvements
- Planning Studies
- Other

<b>Applicant Information</b>		
Agency Name (i.e. agency that will manage implementation) Chatham County Department of Engineering		Date 02/03/2017
Street Address 124 Bull Street, Suite 430	City, State Savannah, Georgia	Zip Code 31401
Contact Person's Name Nathaniel Panther, P.E.	Title Senior Engineer	
Contact Person's Phone Number (912) 652-7813	Contact Person's Email Address npanther@chathamcounty.org	
Project Manager's Name (if awarded) Nathaniel Panther, P.E.	Title Senior Engineer	

<b>Project Overview</b>		
Project Name Jimmy DeLoach Parkway at Interstate 16 Interchange Improvements		
Project Location Description (please also attach a location map) The project is located at the current interchange of Interstate 16 and Bloomingdale Road/Little Neck Road. This is the interchange where the proposed Jimmy DeLoach Parkway, Phase 2 will connect to Interstate 16. A location map is attached.		
County (or counties) in which project is located Chatham	City (or cities), if any, in which project is located Bloomingdale, Georgia	
<p>Proposal Description Summary</p> <p>The proposed project would consider interchange improvements at the existing, conventional diamond interchange. Proposed improvements would include ramp widening, bridge widening/replacement and signalization of the ramp intersections with Jimmy DeLoach Parkway and Little Neck Road, as well as consideration of implementing a Diverging Diamond Interchange. It would also include an Interchange Modification Report (IMR), if required.</p> <p>The Z230 money requested would be utilized as a scoping phase to determine what improvements will be needed and when they will be needed. It is anticipated that this phase will be followed by a preliminary engineering phase in the 4 year TIP.</p>		
Total Estimated Project Cost* \$ \$500,000	Federal Z230 Funds Requested \$ \$400,000	Local Match Available \$ \$100,000
<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)
Chatham County	SPLOST

*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
- 1 completed federal-aid project
- 2 completed federal-aid projects
- 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
0002921	Truman Parkway, Phase V	Leon Davenport, P.E.
550560	SR 204 Spur Widening (Whitefield Avenue Widening)	Leon Davenport, P.E.
0000538	Coastal Georgia Greenway, Multi-use Trail in 9 Counties	Nathaniel Panther, P.E.

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

Georgia Department of Transportation

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

Y / N / NA

**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.**

GDOT currently maintains the interchange, and would continue to provide maintenance after any improvements are completed. If signals were installed at the ramps, the City of Bloomingdale would be responsible for the energy costs. A maintenance agreement is not needed at this time.

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

Y / N / Maybe

The improvements would likely require additional easements or right of way to facilitate construction.

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
TBD	
Contact Email:	
Status of Agreement	
No agreements have been signed for this project.	

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

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
Scoping	18

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. The first steps would be completed when funding is authorized.	

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
None	




**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 connections, safety improvements, congestion reduction, multi-modal connection, impacts to environment and tourism, etc? **Please reference the CORE MPO Surface Transportation Block Grant Program Manual for project ranking criteria.**)

During development of the Jimmy DeLoach Parkway, Phase 2 project, FHWA required an additional analysis of the existing conventional diamond interchange at the intersection of I-16 and existing Bloomingdale Road/Little Neck Road. Using the approved counts and projections for the Jimmy DeLoach Parkway, Phase 2 and Jimmy DeLoach Parkway at US 80 Interchange, a rough analysis was performed to determine if improvements were needed at the interchange prior to construction of the Jimmy DeLoach Parkway, Phase 2 projects. The preliminary analysis showed that an interchange improvement will be needed at the existing interchange. The projected volumes in the area indicate that the ramp termini at Bloomingdale Road will operate over capacity (LOS F) in 2038 regardless of whether or not the Jimmy DeLoach Parkway, Phase 2 is constructed. A secondary analysis was performed that included widening the roadway and bridge over I-16 to provide two thru lanes in each direction, as well as widening the I-16 off-ramps approaching Bloomingdale Road and signalizing the on/off ramp intersections. This analysis showed significant improvement to the operation of the interchange, providing LOS of A,B,C, and D.

The proposed scoping phase would allow a more detailed analysis to provide direction and timing for the required improvements. The scoping phase will include an Interchange Modification Report, if required. Staff anticipates that a preliminary engineering phase could follow depending on the results of the scoping phase.

**Project Sponsor Signature**

SPONSOR

  
\_\_\_\_\_  
Signature (on hard copy)

  
\_\_\_\_\_  
Date

Leon Davenport, P.E.  
\_\_\_\_\_  
Print Name

County Engineer  
\_\_\_\_\_  
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: **Jimmy DeLoach Parkway at Interstate 16 Interchange Improvements**

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	Amount B	Amount C
PE	FY18 (or FY 19 if funds are not avail. in 18)	\$500,000	\$400,000	\$100,000	SPLIST		
ROW	TBD	\$0	\$0	\$0			
Utilities	TBD	\$0	\$0	\$0			
Construction	TBD						
Other activity Specify:							
Other activity Specify:							
Other activity Specify:							
<b>Total Amounts</b>		<b>\$500,000</b>	<b>\$400,000</b>	<b>\$100,000</b>	<b>SPLIST</b>		

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 requested Z230 funds will be used for completing a scoping phase for the project.

\*The first GDOT fiscal year in the MPO's next TIP is FY 2018, which begins July 1, 2017. The last year of the next TIP is FY 2021, which begins July 1, 2020.



## CHATHAM COUNTY DEPARTMENT OF ENGINEERING

124 Bull Street, Room 430  
P.O. Box 8161  
Savannah, Georgia 31412-8161  
FAX 912-652-7818  
912-652-7800

*Albert G. Bungard, P.E.*  
*County Engineer*

*Leon Davenport, P.E.*  
*Assistant County Engineer*

February 2, 2017

Ms. Wykoda Wang  
Transportation Planner  
Chatham County-Savannah MPC  
110 E. State Street  
Savannah, Georgia 31401

Subject: Surface Transportation Block Grant (Z230) Application, Commitment of Stated  
Local Match for the I-16 at Jimmy DeLoach Parkway Interchange Project

Dear Ms. Wang:

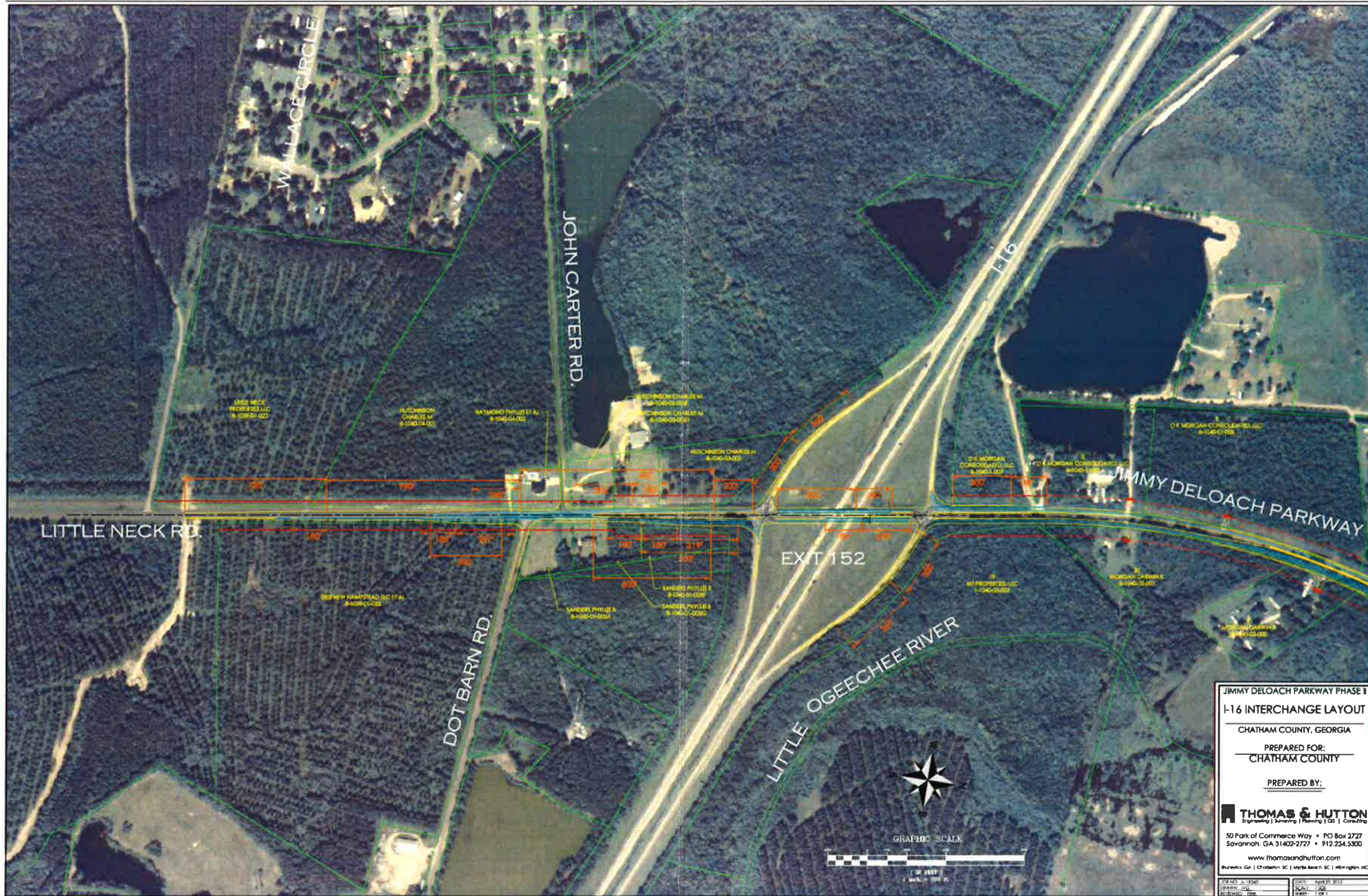
This letter is written to confirm that Chatham County has Special Purpose Local Option Sales Tax (SPLOST) funds available to provide the required local match for this project.

If you have any questions, please call Nathaniel Panther at 652-7813.

Regards,

Leon Davenport, P.E.  
County Engineer





**JIMMY DELOACH PARKWAY PHASE 1  
I-16 INTERCHANGE LAYOUT**

CHATHAM COUNTY, GEORGIA

PREPARED FOR:  
**CHATHAM COUNTY**

PREPARED BY:

**THOMAS & HUTTON**  
Engineering | Surveying | Planning | GIS | Consulting

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Burien, GA | Charleston, SC | Myrtle Beach, SC | Wilmington, NC

DATE: APR 11, 2013	SCALE: 1" = 100'
DRAWN: JPH	CHECKED: JPH
PROJECT: I-16	SHEET: 1 OF 2