



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

Coastal Region Metropolitan Planning Organization

Surface Transportation Block Grant (STBG) Program

CHECKLIST FOR APPLICANTS

- | | |
|---|---|
| X | Have you answered all applicable questions in the application? |
| X | Has the appropriate person signed the application? |
| X | Have you filled out the detailed budget table on the last page of this application? |
| X | Please indicate the sources of funding you are requesting for this project. |
| | <input checked="" type="checkbox"/> Z230 <input type="checkbox"/> HIP <input type="checkbox"/> Z301 |
| X | Have you attached a letter from your governing board or official able to commit to the local match? |
| X | Have you attached a project location map? |
| X | Have you attached information demonstrating the basis of your project's cost estimate? |
| X | 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
- ☐ 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

| Applicant Information | | |
|---|--|-------------------|
| Agency Name (i.e. agency that will manage implementation) City of Garden City, Georgia | | Date 3/25/2020 |
| Street Address 100 Central Avenue | City, State Garden City, Georgia | Zip Code 31405 |
| Contact Person's Name Ron Feldner, P.E. | Title City Manager | |
| Contact Person's Phone Number 912-966-7777 | Contact Person's Email Address rfeldner@gardencity-ga.gov | |
| Project Manager's Name (if awarded) Ron Feldner, P.E. | Title | |

| Project Overview | | |
|---|--|-----------------------|
| Project Name Priscilla D Thomas Way (formerly Wheathill Road)/ State Route 21 (SR 21) Signalization Project | | |
| Project Location Description (please also attach a location map) The subject project is located at the intersection of Priscilla D Thomas Way and SR 21 in Garden City, Georgia. | | |
| County (or counties) in which project is located Chatham | City (or cities), if any, in which project is located Garden City | |
| <p>Proposal Description Summary</p> <p>The project is located at an existing intersection on State Route 21 (SR 21). The Savannah Chatham County Public School System (SCCPSS) is designing a new K-12 complex on the site of the existing Groves High School which will increase the student count significantly. The existing Mercer Middle School and the existing Gould Elementary school will both be abandoned and consolidated onto the new complex. Priscilla D Thomas Way not only serves Groves High School but also the Garden City Stadium and Recreational Complex, multifamily housing and single family residences.</p> <p>The new K-12 complex will result in a significant increase in traffic at the existing intersection. The existing Groves High School site currently serves as a high school only and the addition of both elementary and middle school students will only increase congestion at the intersection. The Georgia Department of Transportation (GDOT) agrees that the intersection will meet warrants and the signal will be permitted in the future. GDOT is also planning for a High Intensity Activated Crosswalk (HAWK) beacon to the south of this intersection project. The new traffic signal will also provide safe pedestrian facilities and crosswalks to supplement the HAWK.</p> <p>The costs associated with the project include preliminary engineering (PE), construction of a right turn lane from SR 21 onto Priscilla D Thomas Way and a new traffic signal. Additional costs associated with the project include widening of Priscilla D Thomas Way to three lanes to allow for a dedicated left turn movement onto SR 21. Costs also include relocation of existing sidewalks and construction of new sidewalks. Many of the students use the sidewalks at this time to access the school property from the neighboring residential areas.</p> | | |
| Total Estimated Project Cost* | Federal Z230 Funds Requested | Local Match Available |
| \$1,375,000.00 | \$1,100,000.00 | \$275,000.00 |
| <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) |
|--------------------------------|---|
| Garden City | Special Purpose Local Option Sales Tax (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 |
|----------|--------------|---------------------------|
| | | |
| | | |
| | | |

What agency will maintain the project after completion?

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.

A MAINTENANCE AGREEMENT WILL BE EXECUTED BETWEEN GARDEN CITY AND GDOT. FUNDING FOR THE ONGOING OPERATION OF THE TRAFFIC SIGNAL WILL COME FROM THE GARDEN CITY GENERAL FUND. ANNUAL OPERATION AND MAINTENANCE COSTS ARE EXPECTED TO BE \$25,000.

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

Additional information:

ALL PROPERTY REQUIREMENTS WILL BE ADDRESSED IN THE AGREEMENT WITH THE SAVANNAH CHATHAM COUNTY PUBLIC SCHOOL SYSTEM.

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 | |
|--|---------------|
| Savannah Chatham County Public School System | |
| Contact Name | Contact Phone |
| Darrell Boazman, SCCPSS Facilities Director | 912-395-3000 |
| Contact Email: Darrell.Boazman2@sccpss.com | |
| Status of Agreement | |
| Garden City and the Savannah Chatham County School System are in negotiations with regards to various property transfers. A formal agreement should be completed prior to June 2020. | |

| 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 |
|----------------------------|---------------|
| Preliminary Engineering | 6 |
| Permitting | 4 |
| Construction | 14 |
| | |
| | |
| | |
| | |

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 |
|--|--------------|
| Coordinated with GDOT on HAWK signal. | August 2019 |
| Preliminary Approval for Signal Permit | January 2020 |
| HAWK Installation/Operation | April 2020 |
| | |
| | |
| | |
| | |
| | |
| | |

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. Preliminary Engineering (PE) needs to begin as soon as possible. Award of Engineering will be dependent on availability of funding. | |
| | |
| | |
| | |
| | |
| | |

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.)

Garden City has been actively looking at opportunities to address congestion and safety along State Route 21 (SR 21) for the last few years. Currently Garden City has an application pending for PL funds to provide an Access Management Plan Study for the SR 21 corridor. The ultimate goal of this study will be to minimize conflict or access points along SR 21 to improve parcel access and reduce congestion which should improve safety. This operational improvement fits with the intent of the study to provide strategic access points along SR 21 in the future through redevelopment.

The proposed signalization project is an operational improvement that will increase safety at the main access point to the new K-12 school complex. The expansion of the site from a high school only to a K-12 facility will increase the peak am and pm demands for Priscilla D Thomas Way. A signalized intersection will provide not only a safety improvement for ingress and egress by school traffic, but will also provide a protected movement for pedestrians that cross both SR 21 and Priscilla D Thomas Way. The expansion of the campus from a high school to one that will include middle and elementary school students, will increase the number of pedestrians commuting through the corridor.

The addition of the traffic signal will result in a beneficial impact to the overall operation of the SR 21 corridor. Other projects are planned for this corridor that will balance the delays that are exhibited as commuter traffic approaches the I-516 entrance. The Georgia Ports Authority (GPA) is working on an onsite improvement to their rail operations. The GPA addition will make a significant decrease in rail crossings that are now required for building train sections. Those improvements will be in place prior to the operation of this new signal.

Garden City is cooperating with the Georgia Department of Transportation (GDOT) on the implementation of this proposed traffic signalization project. GDOT supports the addition of this project on a District level as does the District Commissioner. Coordination of this signal will be administered by GDOT once it is operational. The primary goal is to ensure that safety is maintained for the ingress and egress of school traffic. The improvement will not make a detrimental impact to the needs of SR 21 as a freight corridor.

Project Sponsor Signature



Signature (on hard copy)

3/25/2020

Date

Ronald Feldner

City Manager

Print Name

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 | \$250,000 | \$200,000 | \$50,000 | | | | | | |
| ROW | | | | | | | | | | |
| Utilities | | | | | | | | | | |
| Construction | FY 21 | \$1,125,000 | \$900,000 | \$225,000 | | | | | | |
| Other activity Specify: | | | | | | | | | | |
| Other activity Specify: | | | | | | | | | | |
| Other activity Specify: | | | | | | | | | | |
| Total Amounts | | | | | | | | | | |
| 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. | | | | | | | | | | |

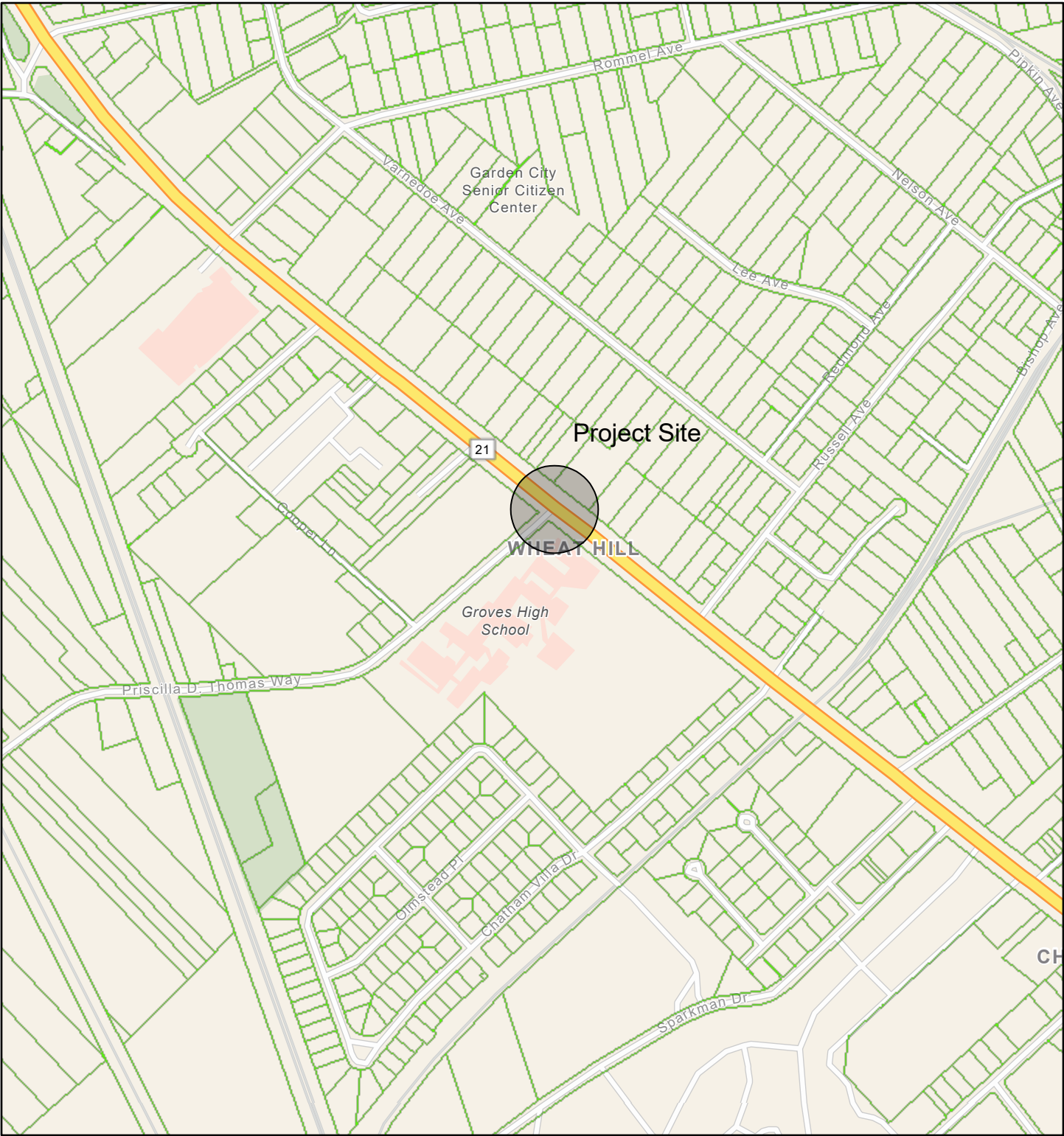
*The first GDOT fiscal year in the MPO’s next TIP is FY 2021, which begins July 1, 2020. The last year of the next TIP is FY 2024, which begins July 1, 2023.

City of Garden City
Priscilla Thomas Way / SR 21 Signalization

1-Mar-20

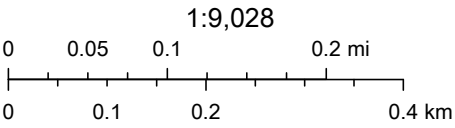
| Item Description | Qty | Unit | Unit Cost | Total Cost |
|--|---------|------|---------------|------------------------|
| Mobilization / Demobilization | 1.00 | LS | \$ 50,000.00 | \$ 50,000.00 |
| Demolition | 1.00 | LS | \$ 30,000.00 | \$ 30,000.00 |
| Traffic Control | 1.00 | LS | \$ 50,000.00 | \$ 50,000.00 |
| Grading Complete | 1.00 | LS | \$ 275,000.00 | \$ 275,000.00 |
| 8" Graded Aggregate Base Course | 1500.00 | TN | \$ 43.00 | \$ 64,500.00 |
| 3" Thickness Asphalt Base Course, GDOT 19 mm | 540.00 | TN | \$ 120.00 | \$ 64,800.00 |
| 2" Thickness Asphalt Surface Course, GDOT 9.5 mm | 360.00 | TN | \$ 120.00 | \$ 43,200.00 |
| Tack Coat | 327.00 | GL | \$ 3.00 | \$ 981.00 |
| Curb Inlet Type "C" | 4.00 | EA | \$ 6,000.00 | \$ 24,000.00 |
| 18" RCP | 415.00 | LF | \$ 75.00 | \$ 31,125.00 |
| Concrete Curb and Gutter 8" x 30" | 1550.00 | LF | \$ 25.00 | \$ 38,750.00 |
| Concrete Header Curb 6" | 200.00 | LF | \$ 35.00 | \$ 7,000.00 |
| Sidewalk | 575.00 | LF | \$ 50.00 | \$ 28,750.00 |
| Handicap Ramp | 4.00 | EA | \$ 750.00 | \$ 3,000.00 |
| Traffic Signal | 1.00 | LS | \$ 250,000.00 | \$ 250,000.00 |
| Erosion Control | 1.00 | LS | \$ 20,000.00 | \$ 20,000.00 |
| Signage and Striping | 1.00 | LS | \$ 25,000.00 | \$ 25,000.00 |
| Landscaping | 1.00 | LS | \$ 20,000.00 | \$ 20,000.00 |
| | | | | \$ - |
| | | | | \$ - |
| Total Preliminary Cost Estimate | | | | \$ 1,026,106.00 |
| Contingency - 10% | | | | \$ 102,610.60 |
| Subtotal | | | | \$ 1,128,716.60 |
| PE Estimate | | | | \$ 250,000.00 |
| Total Project Costs | | | | \$ 1,378,716.60 |
| Federal Share - 80% | | | | \$ 1,102,973.28 |
| Local Share - 20% | | | | \$ 275,743.32 |

SR 21/PDTW Intersection



3/22/2020, 4:12:50 PM

 Property Boundaries (Parcels)



SAGIS



Office of the City Manager
City Hall/100 Central Avenue
Garden City, Georgia 31405

Ronald A. Feldner, P.E.
City Manager

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
Intersection Improvements – Priscilla D Thomas Way and State Route 21
Garden City, Georgia

Dear Ms. Wang,

The purpose of this letter is to confirm that Garden City, Georgia will commit the projected match of **\$275,000** for the referenced project through its Special Purpose Local Option Sales Tax (SPLOST) funds which can be allocated to transportation projects such as what is proposed.

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

Sincerely,

CITY OF GARDEN CITY, GEORGIA

Ronald Feldner, P.E.
City Manager

CC: Leon Davenport, P.E. – Thunderbolt Consultants, LLC