

FY 2022 Bridge Replacements
Design-Build Project

P.I. Number: 0018124
Calhoun, Lee, Randolph, and Terrell Counties, GA

Date: November 19, 2021

Disclaimer:

- Please be advised that this information is preliminary and is provided for information only. Additional details, requirements, and other pertinent information concerning the Project will be included in the Request for Qualifications (RFQ) and Request for Proposals (RFP). The advertised bid documents shall supersede this Project Synopsis and accompanying Public Notice Advertisement (PNA). All final scope requirements will be included in the RFP.

Project Information:

- The Design-Builder will be responsible for the design and construction of the Project. The work consists of the replacement of six bridges within Georgia DOT's District 4 using Design-Build delivery and Georgia DOT's Low Impact Bridge Program (LIBP) criteria where applicable. The construction will be full replacement on-alignment with adjustments to approaches as needed.
- Provide design, permitting, utility coordination and/or utility relocation, construction, and any other related services necessary to build the Project.
- The Design-Builder will be required to coordinate all plans with Georgia DOT for the FY 2022 Bridge Replacements Design-Build Project (PI No. 0018124) (the "Project").
- The local road closures will be for 90 to 180 calendar days at each bridge with off-site detours. The two bridges in Calhoun County may not be closed simultaneously, as their detour routes will overlap.
- The bridge replacement list is as follows:

ID Number	County	Roadway Name	Feature Crossed	Disposition
037-5016-0	Calhoun	CR 149 / Elam Church Road	Falling Creek	Replacement
037-5013-0	Calhoun	CR 134 / Rice Road	Falling Creek	Replacement
177-5001-0	Lee	CR 3 / Smithville Road	Muckaloochee Creek	Replacement
243-0019-0	Randolph	CR 160 / Morgan Road	Cemochechobee Creek	Replacement
243-0018-0	Randolph	CR 152 / Recreation/Camp	Pachitla Creek	Replacement
273-5010-0	Terrell	CR 82 / Cox Road	Mossy Creek	Replacement

- In response to the industry, Georgia DOT has developed a project ranking system to categorize Design-Build projects representing varying levels of complexity and risk ranging from low to high. The category determines the post-let delivery requirements for each project. These submittal requirements are based on the information needed to communicate and document the Design-Builder's management and construction plan. The Project, PI No. 0018124, FY 2022 Bridge Replacements Design-Build Project will be a **Category II** project. The general submittal requirements for a Category II project can be found in the following memo <http://www.dot.ga.gov/PartnerSmart/Innovative/DesignBuild/DBProjectScalability.pdf>.

Environmental:

- Georgia Environmental Protection Act (GEPA) Special Study documents will be required.
- The Georgia DOT will perform environmental screening of each Bridge replacement location. This information will be provided in the RFP.
- The Georgia DOT will coordinate the approval of the GEPA Special Study documents after the Design-Builder submits its' construction plans. The RFP will include environmental review durations.
- The Design-Builder will be responsible for alerting local emergency services of any approved detours utilized. The final requirements and applicable agencies requiring such an alert will be provided in the RFP.

Permitting:

- The Design-Builder will prepare all applicable permit(s) to the Georgia DOT's satisfaction. The Georgia DOT will transmit permit(s) to the respective agency, and the Design-Builder will be responsible for satisfactorily addressing all comments.
- The Design-Builder will acquire all mitigation credits in the name of the Georgia DOT as required under the approved permit.
- All site erosion control Best Management Practices (BMPs), including obtaining any stream buffer variances, will be the responsibility of the Design-Builder.

Geotechnical Scope of Work:

- The Georgia DOT will obtain geotechnical boring samples at each bridge replacement location. Boring logs will be provided as RIDs with the RFP.
- The Georgia DOT will provide readily available geotechnical information, e.g., existing Bridge Foundation Investigation (BFI) reports, as RIDs in the RFP.
- The Design-Builder will be responsible for obtaining BFIs and Wall Foundation Investigations (WFI) as necessary.

Pavement Design:

- A pavement typical section will be included in the Request for Proposals (RFP).

Survey Scope of Work:

- The Georgia DOT will make available a survey database as a RID.

Critical Path Method:

- The Georgia DOT anticipates using a Critical Path Method (CPM) schedule requirement for this project.

Utility Scope of Work:

- All Design-Build projects at the Georgia DOT are Public Interest Determination (PID).
- SUE QL-D information will be included with the RFP.
- The Design-Builder will be responsible for coordinating and/or relocating all affected utilities or obtaining no-conflict letters from all utility owners. The Georgia DOT will have the right to approve all utility adjustments.
- The Georgia DOT will obtain executed Memorandums of Understanding (MOU) from each utility owner and will include in the RFP.

Traffic Control Scope of Work:

- The Design-Builder shall provide changeable message signs for use as needed and shall be required to place and maintain messages on all message boards twenty-four (24) hours a day, seven (7) days a week as directed by the Georgia DOT.
- It is anticipated that an off-site detour will be permitted to construct each bridge replacement. The Georgia DOT will evaluate each location to determine a reasonable duration to perform all work which may range from 90 to 180 calendar days. The duration of the off-site detour at each location will be included in the RFP. The two (2) listed bridges in Calhoun County may not be closed simultaneously, as their detour routes will overlap.
- The Design-Builder will be responsible for alerting local emergency services and local schools of any proposed detours, final staging, and maintenance of traffic plans.

Right-of-Way Scope of Work:

- The Georgia DOT anticipates that no Right-of-Way (ROW) will be acquired by the Design-Builder. The Georgia DOT may need to acquire ROW; in these circumstances, a date certain for parcel acquisition will be provided in the RFP.