

SR 307 / Dean Forest Rd @ I-16 DDI Design-Build Project

P.I. Number: 0013727
Chatham County

Date: December 4, 2019

Disclaimer:

- Please be advised that this information is preliminary and is provided for information only. All final scope requirements will be included in the RFP.

Project Information:

- The Design-Build Team will be required to coordinate continually with Savannah Mobility Contractors (SMC) for all work that may affect SMC's construction. SMC is the Joint-Venture Design-Build Team for the I-16 at I-95 Interchange Reconstruction (PI 0012758) and I-16 Widening from I-95 to I-516 (PI 0012757) project.
- Provide design, permitting, utility coordination and/or utility relocation, construction and any other related services necessary to build the Project.
- A Design-Build Team shall be responsible for design and construction of the Project. The Work includes construction of a diverging diamond interchange (DDI), adjusted ramp lengths, additional turn lanes at the ramp signals, roadway lighting, and replacement of existing signals at the ramps.
- Design & replace the Dean Forest Rd Bridge over I-16 as shown in the costing plans and add truck capacity to improve movements. Costing plans will be provided at time of RFP advertisement.
- A 10-foot shared use path is to be constructed on one side of Dean Forest Road within the project limits and a 5-foot sidewalk on the opposite side of Dean Forest Road.
- The Work begins at the intersection of Dean Forest Road and Southbridge Boulevard and ends at the intersection of Dean Forest Road and Pine Meadow Drive for a total distance of approximately 0.75 miles.
- Due to possible increased development on adjacent properties North of I-16, design shall facilitate the addition of a third thru lane in each direction on SR 307 across the bridge.
- The SR 307 / Dean Forest Rd @ I-16 DDI Design-Build Project is subject to a Projects of Division Interest (PoDI) Agreement.

Environmental:

- The National Environmental Policy Act (NEPA) document is a Categorical Exclusion (CE), approved in May 2018. A no-change re-evaluation was approved on July 18, 2019.

Permitting:

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

Geotechnical Scope of Work:

- The Department will provide a Soil Survey for information only.
- The Department will provide readily available geotechnical information, e.g. existing Bridge Foundation Investigation (BFI) report, in the RID.
- The Design-Build Team will be responsible for obtaining a Bridge Foundation Investigation (BFI) and Wall Foundation Investigations (WFI) as necessary.

Pavement Design:

- An approved pavement design will be included in the Request for Proposals (RFP).
- The Design-Build Team will be responsible for the installation of Wet Weather Methyl Methacrylate Traffic Striping.

Survey Scope of Work:

- The Department will make available a survey database for information only.

Critical Path Method:

- The Department will use a Critical Path Method (CPM) schedule requirement for this project.

Utility Scope of Work:

- All Design-Build projects at the Department are Public Interest Determination (PID).
- The Department has obtained SUE QL-B information for the project.
- The Design-Build Team will be responsible for coordinating and/or relocating all affected utilities or obtaining no-conflict letters from all utility owners.
- The Department has obtained executed Memorandums of Understanding (MOU) from each utility owner and will include in the RFP.

Traffic Control Scope of Work:

- One (1) 47-hour DDI changeover work period will be allowed and must take place between the hours of 9:00 PM on Friday and 8:00 PM on Sunday. A complete closure of SR 307\Dean Forest Road between the ramps will be allowed during the DDI changeover work period. Ramps are to remain open during this period. During the DDI Changeover Work

Period, the DB Team must complete all traffic shifts required for the final configuration of the interchange.

- The Design-Build Team is responsible for a Detour Public Meeting and the setting up of temporary changeable message signs before the DDI changeover work period and before each ramp closure.
- The Design-Build Team shall furnish a minimum of five (5) changeable message signs to notify the traveling public of the project.
- Four weekend ramp closures will be allowed to take place between the hours of 9:00 p.m. on Friday and 5:00 a.m. on Monday. Each ramp will be permitted to be closed only once, and only one ramp will be permitted to be closed for each weekend closure.

Right-of-Way Scope of Work:

- All Right-of-Way to be acquired by the Department.
- No additional property will be allowed for this Project.

MS4 Permit:

- The Design-Build Team may consider runoff reduction in the design of the Post Construction Stormwater BMPs. The curve number adjustment shall follow the procedure in the Georgia Stormwater Management Manual.
- The Design-Build Team will be responsible for determining MS4 feasibility and meeting the permit requirements.
- The Design-Build Team is not responsible for the replacement of the existing Raspberry Canal 48-inch cross-drain under I-16 within the project limits, and will maintain existing hydrology to the double 48-inch cross-drain.
- The Design-Build Team is not responsible for the replacement of the existing 54-inch cross-drain under Dean Forest Road within the project limits.