

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

P.I. Number: 0013727
Chatham County

Date: June 24, 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 existing Dean Forest Rd Bridge over I-16 to increase capacity and to allow for truck movements through the interchange.
- 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 northbound on SR 307 through the westbound ramp intersection.

Environmental:

- The National Environmental Policy Act (NEPA) document is a Categorical Exclusion (CE), approved in May 2018. A no-change re-evaluation will occur prior to letting to keep the NEPA document current.

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).

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 will obtain 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.
- The Design-Build Team is responsible for a Detour Public Meeting and the setting up of temporary changeable message signs a minimum of 30 days before the DDI changeover work period.

- The Design-Build Team shall furnish a minimum of five (5) changeable message signs to notify the traveling public of the project.

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.