

SR 8 / SR 316 at SR 211 & CR 329 Grade Separations – Bundle 1 Project

P.I. Numbers: 0010352 & 0013910
Barrow County, GA

Date: April 6, 2023

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 removal of four existing at-grade crossings from McCarty Road to Craft Road and creation of two grade separated interchanges on SR 8 / SR 316 at SR 211 / Bethlehem Road and CR 329 / Barber Creek Road in Barrow County, GA (the "Project").
 - The Project limits for P.I. No. 0010352 begin approximately 0.1 mile west of the SR 8 / SR 316 and McCarty Road intersection and ends 0.5 mile west of the SR 8 / SR 316 at Barber Creek Road intersection. The Project also includes the following:
 - Removal of the existing at-grade crossings at SR 8 / SR 316 / US 29 and SR 211 / Bethlehem Road and McCarty Road.
 - Construction of a grade-separated (overpass bridge) diamond interchange at SR 211 / Bethlehem Road with a single-lane roundabout to be located at the northern and southern ramp termini.
 - South of SR 8 / SR 316 / US 29, Powell Road would be extended via a new frontage road to the east and would tie into SR 211/Bethlehem Road at Doc McLocklin Road.
 - The Project limits for P.I. No. 0013910 begin approximately 0.5 mile west of the SR 8 / SR 316 at Barber Creek Road intersection and ends approximately 0.1 mile east of the SR 8 / SR 316 and Craft Road intersection. The Project also includes the following:
 - Removal of the existing at-grade crossing at SR 8 / SR 316 / US 29 and CR 329 / Barber Creek Road.
 - Construction of a grade-separated (overpass bridge) diamond interchange at CR 329/Barber Creek Road, with single-lane

roundabout be located at the northern and southern ramp termini.

- Construction of a Frontage Road north of SR 316 connecting Craft Road to Barber Creek Road and a cul-de-sac on Craft Road south of SR 316.
- Construction of Ventura Street, located north of SR 8 / SR 316 / US 29, to dead ended with a cul-de-sac.
- Re-align for Wylie McGuire Road.
 - providing design, permitting, utility coordination and/or utility relocation, construction, and any other related services necessary to build the Project.
- 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, P.I. Nos. 0010352 and 0013910, SR 8 / SR 316 at SR 211 & CR 329 Grade Separations – Bundle 1 will be a Category III project. The general submittal requirements for a Category III project can be found in the following memo <http://www.dot.ga.gov/PartnerSmart/Innovative/DesignBuild/DBProjectScalability.pdf>.

Environmental:

- The National Environmental Policy Act (NEPA) environmental document is anticipated to be a Categorical Exclusion (CE). The approved NEPA document is anticipated to be approved in late 2023.
- A NEPA re-evaluation is anticipated during post-let. The final requirements 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 and pay for 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 from the Project site. Boring logs will be provided in the RFP.
- The Design-Builder will be responsible for obtaining Bridge Foundation Investigations (BFI) and Wall Foundation Investigations (WFI) as necessary.

Pavement Design:

- An approved pavement design will be included in the RFP.

Survey Scope of Work:

- The Georgia DOT will provide a Survey Control package as an Attachment to the RFP.
- 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-B information will be included in 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 the MOUs 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 the Project. The duration of the off-site detour will be included in the RFP.
- 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 (ROW) Scope of Work:

- The Georgia DOT anticipates that all ROW will be acquired by the Georgia DOT. A date certain for ROW access will be provided in the RFP.