

PI# 0011682

I-24 at SR 299 Accelerated Bridge Construction

Date: January 17, 2014

**Disclaimer:**

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

**Project Information:**

- A Design-Build Team will provide design, permitting (if needed), utility relocation and/or utility coordination, construction and any other related services necessary to build the Project.
- The proposed project [P.I. No. 0011682] will replace the existing, structurally deficient State Route (SR) 299 bridge over Interstate 24 (I-24) in Dade County, Georgia. This overpass is approximately 0.6 miles south of the Georgia/Tennessee state line at the I-24 Exit 169 interchange. The bridge will be replaced on the existing alignment using Accelerated Bridge construction (ABC) techniques. ABC will allow the existing bridge removal and new bridge installation to occur within a time period of 56 hours, minimizing the project's impact to the traveling public.
- Project length is approximately 0.16 miles along SR 299. The existing bridge is 34'-3" wide and 240 feet long and accommodates one lane of traffic in each direction. The proposed bridge will have the same number of lanes, but will be widened to meet current AASHTO requirements. All approach work to accommodate the bridge widening will be limited to SR 299 between the I-24 ramp terminals. No additional ROW or easement will be required for the removal of the existing bridge or the construction of the new bridge.
- The I-24 depressed median and inside the loop ramps may be utilized for construction staging and/or I-24 traffic shifts. The temporary median construction area may extend up to 0.39 miles north and south of the SR 299 Bridge and will be confined within the existing outside edge of pavement limits.

**NEPA:**

- The National Environmental Policy Act (NEPA) document is currently being prepared for the project which is anticipated to be Categorical Exclusion (CE) document.
- The approved NEPA document is anticipated to be approved by Spring of 2014.

**Permitting:**

- The Design-Build team will be responsible for all applicable environmental permits (if needed).
- All site erosion control BMP's, including obtaining any stream buffer variance, will be the responsibility of the Design-Build team.

**Geotechnical Scope of Work:**

- The Department will provide the Existing Bridge Foundation Investigate (BFI) report.

**Pavement Work:**

- An approved pavement design will be included in the Request for Proposals (RFP).
- The Pavement Type Selection Report recommends using the standard pavement section for Minor Projects. No additional pavement analysis will be required.

**Critical Path Method:**

- The Critical Path Method (CPM) Special Provision will be included in the Request for Proposals (RFP).

**Survey Scope of Work:**

- The Department has made available a survey database for information only.

**Utilities:**

- SUE QL-B has been performed.
- The Department is in the process of obtaining Design-Build Utility Memorandum of Understanding (MOU) from all utility owners. MOUs will be included in the RFP.

**Traffic Control Scope of Work:**

- Offsite detour will be permitted for traffic on SR 299 during the Accelerated Bridge Construction. This detour will be limited to 56 hours.
- Single lane closures on I-24 may be allowed during construction. Two lanes of traffic must be maintained in each direction on I-24 during the 56 hours the existing bridge is being removed and the new bridge installation occurs. The final requirements will be included in the RFP.

**Right-of-Way Scope of Work:**

- Existing SR 299 right-of-way (ROW) is slightly variable ranging from 200 feet on the west side of I-24 to 255 feet on the east side of I-24.
- All work shall be constructed and performed within existing right-of-way.