

SUBJECT:**I-575 at Towne Lake Parkway Interchange
Improvements - Design Services.****MEETING DATE:**

November 1, 2022

SUBMITTED BY:

Jim Wilgus

SUGGESTED ACTION:

Consider award of a Standard Professional Services Agreement to Arcadis US, Inc., the highest scoring proposal, for the design of the I-575 at Towne Lake Parkway Interchange Improvements Project in the amount of \$1,358,841.26.

FACTS AND ISSUES:

The project includes Design Engineering for the interchange of I-575 and Towne Lake Parkway. The project is located in Cherokee County. Towne Lake Parkway consists of an urban section with four, 12-foot travel lanes (2 lanes in each direction) divided by a 12-foot median, with variable width urban shoulder. Sidewalks (typically 5-foot wide) are present on both sides of the mainline throughout the project with the exception of the south side for approximately 650 feet east of Stone Bridge Pkwy, and the segment between Woodstock Pkwy and Mill Street where the typical section transitions into a 2-lane, rural section. A roundabout is currently under construction at the Mill Street intersection under a separate project by the City of Woodstock.

There are three existing overpass bridges within the interchange, including the new Northwest Corridor Managed Lanes. Each bridge has three spans with a clear span over the Towne Lake Parkway mainline and slope paved end-rolls at each bent location. The project will add traffic operational improvements to the I-575 at Towne Lake Parkway interchange and adjacent intersections that are being influenced by the traffic generated by the subject interchange. GDOT has approved the Concept Report for this project.

Because Federal Funding will be used in later phases of the project, Cherokee County used the GDOT Procurement Policy, which Cherokee County adopted for use of federally funded transportation projects. The procurement uses a quality based, two phase approach to select the top-rated firm. During the first phase, Cherokee County received qualification proposals from six (6) consultants. The three (3) top-rated consultants based on qualifications and design teams were then asked to prepare technical proposals. Arcadis US, Inc. was the top-rated consultant from the two phases. The fee for the design engineering, survey database and environmental studies was then negotiated with Arcadis US, Inc., in the amount of \$1,358,841.26.

ATTACHMENTS:

[RFQ 2021-003 575 TLP PS.pdf](#)

[Arcadis US_RFQ 2022-003_I-575 at Towne Lake Parkway Interchange Improvement_Pi 0016016 - Phase II.pdf](#)

[2022-003 Engineering_575 at TLP interchange PSA.pdf](#)