

**SUBJECT:**

**Victory Drive at Owl Creek Drainage  
Improvement Project - Design Services.**

**MEETING DATE:**

November 21, 2023

**SUBMITTED BY:**

Jim Wilgus

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**SUGGESTED ACTION:**

Consider approval of a proposal from Southeastern Engineering, Inc., to perform design engineering for the Victory Drive at Owl Creek Drainage Improvement Project under the annual engineering consulting services contract in the amount of \$60,000.00.

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**FACTS AND ISSUES:**

Victory Drive is located in southwestern Cherokee County. The closest address to the project is 6593 Victory Drive. Multiple existing 60" diameter corrugated metal pipe (CMP) culverts at Owl Creek are approaching the end of their service life and need to be replaced. Portions of the inverts of the existing CMPs are rusted with joint separation in all three barrels.

Due to downstream concerns, the replacement shall be in-kind such that flowrates are not increased. Several property owners in the area have registered stormwater complaints downstream of this location.

The adjacent plat to the southeast identifies this area as an "existing sediment pond". In review of the County's archives, no construction drawings or hydrology studies could be located for Eagle View Subdivision. The project will require a hydrologic and hydraulic study that shall identify no increase in flowrates downstream. Reinforced Concrete Pipe is preferred for the replacement of the cross-drain pipes under Victory Drive.

The plans and study shall also include recommendations on dam maintenance where necessary. Portions of the dam may be in County right of way; however, formal survey is needed to confirm. The consultant shall also prepare a long-term maintenance plan for the dam and OCS. The goal is to have the property owner maintain this facility, including the dam and OCS, in the future, but for the County to have the ability to the OCS and cross-drains if warranted during major storm events. Dam maintenance shall be incorporated into the plans.

Design plans shall be in Georgia Department of Transportation format and follow the GDOT Plan Presentation Guide.

The design shall be in accordance with latest MUTCD and Georgia Department of Transportation Standards and Specifications, including the GDOT Drainage Manual.

Erosion control plans shall be in accordance with latest NPDES and Georgia EPD requirements. All survey will be done on state plane coordinates.

The project shall include staking of required right-of-way and easements. Preparation of right-of-way plans and easement documents shall also be included as part of this project.

The request for proposals was sent to four (4) firms holding contracts with Cherokee County, with two (2) submitting proposals:

Southeastern Engineering, Inc.: \$60,000.00

Practical Design Partners, LLC: \$93,720.00

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**ATTACHMENTS:**

[Victory Drive at Owl Creek Proposals.pdf](#)

[ARPA Project Request Form.2023.11.05\\_Victory Dr at Owl Creek Draining Improvement Design.pdf](#)