

Yale Road Elevated Water Tank

Bartlett, Tennessee



FISHER ARNOLD

PROJECT EXPERIENCE

Fisher Arnold was contracted to design a new \$2.07m elevated water tank for the City of Bartlett, Tennessee. The design challenges included placement of the tank on a sensitive site, a piping plan to tie the tank into a water main across four active lanes of traffic, and telemetry to have the tank controlled remotely from Bartlett's water plant. As for the tank, a 500,000 gallon pedosphere was the style of tank chosen by the owner.

In addition to the tank, the project included control improvements and an automated valve to an existing tank on the same pressure plane, site improvements, valve vaults, electrical design, and SCADA integration. Part time construction observation was provided by Fisher Arnold along with weld and coating inspections by a trusted subconsultant.

