

CITY OF CHATTANOOGA  
ORCHARD KNOB PUMP STATION IMPROVEMENTS  
CHATTANOOGA, TENNESSEE



## Project Description

This project replaced a pump station wet well that was beyond its useful life. We were contracted to build a new 31' diameter, 38' deep wet well to replace the existing structure and to install new influent and effluent lines made up of 42" DIP and manholes. The project consisted of furnishing all materials, labor, equipment, supervision, and all necessary appurtenances to construct and place into satisfactory operation the sewerage pumping station, including but not limited to: unclassified excavation, grading, precast concrete wet well structure, four centrifugal non-clog submersible pumps, valves and piping system, precast concrete electrical building, associated instrumentation, controls and electrical system, gravity pipe, manholes, fencing, proposed water line, hoist system and shed, asphalt pavement, pump station accessories and appurtenances.

## At a Glance

**Contract Amount:**  
\$3.5 M

**Notice to Proceed:**  
May 16, 2016

**Completion Date:**  
April 19, 2019

**MGD:**  
17.28

**Owner:**  
City of Chattanooga

**Engineer:**  
Arcadis