



## **Edwina and Lower Quarry Road Pump Station Improvements**

“The work to be performed under this Contract shall consist of furnishing all labor, materials, tools, equipment and incidentals and performing all work required to construct complete in place and ready to operate:

- 1.** This Project includes the upgrade of two existing pump stations at both Lower Quarry and Edwina, along with the construction of approximately 1,067 LF of new 8-inch HDPE.
- 2.** At the Edwina Pump Station, both pumps will be upgraded to 1,750 rpm and all valves and piping will be replaced. This includes approximately 70 LF of 6-inch DIP, along with a new flow meter and bypass connection.
- 3.** At the Lower Quarry Pump Station, a third Yeoman pump at 1,750 rpm will be added to the existing two in the current wet well. There are approximately 55 LF of 8-inch DIP and 75 LF of 10-inch DIP of proposed piping at Lower Quarry, including replacing all the existing pipe within the wet well. The Lower Quarry Pump Station improvements also include a new flow meter and bypass connection.
- 4.** The 1,067 LF of 8-inch HDPE force main from Edwina to Lower Quarry facilities will start at the Edwina Pump Station and turn South on Highway 73 for approximately 200 LF before crossing Pigeon River to the West via a 610 LF horizontal direction drill in 16-inch HDPE casing. The force main will continue west for approximately 300 LF to tie-into the existing wet well at the Lower Quarry Pump Station.”