

The City of Mart is conducting a \$17.5 million renovation of their entire water supply and distribution system. The project is funded by a \$5 million Grant and \$12 million loan from the US Department of Agriculture (USDA) Rural Development, and a \$500,000 grant from the Texas Water Development Board (TWDB). We estimate construction completion by late 2019.

The project includes the following components:

- **Surface Water Intake Structure.** A new bridge supported intake structure is proposed to replace the existing temporary facilities.
- **Water Treatment Plant.** The existing water treatment plant will be replaced with a new facility constructed adjacent to the existing facility. The new 1.0 MGD facility expandable to 1.5 MGD.
- **Transmission Main.** The existing 6-mile, 10-inch and 12-inch diameter transmission main will be replaced with 12-inch diameter PVC or HDPE pipe.
- **Groundwater Well.** The existing well completed at a depth of 3,200 ft will be rehabilitated with a new submersible well pump installed following cleaning and flushing of the well.
- **Battle Lake Standpipe.** The existing 100,000-gallon standpipe will be replaced with a new 100,000 gallon elevated storage tank.
- **Booster Pump Station Upgrade.** It is proposed to replace the existing ground storage tank at the BPS, to provide re-chlorination facilities, upgrade station electrical, controls & pumps as necessary.
- **Distribution System.** We are evaluating line replacement needs based on water modeling results, and where street improvement to be constructed with the water main installation can be most beneficial to the residents.



Client: City of Mart, Texas

Location: Mart, Texas

**Anticipated
Completion Date:** 2019

Engineer: MRB Group