

SCADA Upgrade - Water



The City of Bellevue Utilities Department utilizes a supervisory control and data acquisition (SCADA) system to control and monitor the potable water, wastewater and storm water systems. Since the initial installation in the 1970s, this system has utilized leased copper telephone lines as the SCADA communications media. With age, the copper phone lines used for communicating vital control logic and retrieving precious data have become increasingly unreliable. Any break in communications within our SCADA network increases the risk and cost of providing essential Utility services to our customers.

The family of projects under the SCADA Infrastructure Upgrades program will improve the reliability and security of the SCADA system across 32 potable water sites, 48 wastewater sites and 11 storm water sites. These projects will install a private, secure cellular and fiber-optic communications network and optimize the operation of the cities three utilities.

**Project Number:** W-115  
**Project Type:** Utilities - Water  
**Status:** Ongoing Build New

2025- 2030 Budget

\$1.2M

2025- 2030 Budget

\$1.2M

Expenses

