



## CASE STUDY

Sarpy County Wastewater System | Sarpy County, Nebraska

# BILCO Doors Support Massive Project to Develop Nebraska Community

Plans to install wastewater treatment facilities to expedite development in Sarpy County, Nebraska had been on the drawing board for decades. In December, the first piece of a major infrastructure project was commissioned into formal operation, and it is expected to dramatically transform the region.

The Unified Southern Sarpy Wastewater System, a project spearheaded by the Sarpy County and Cities Wastewater Agency, includes 45 miles of sewer lines and three lift stations. The \$130 million project is the initial step toward bringing significant development to the area.

Work on the project is expected to continue for decades but when complete, it is expected to open 97,000 new parcels for development and generate \$74 million in annual sales tax revenue for the state and \$60 million in annual property tax revenue for six agency members.

"This effort is a regional solution that no jurisdiction could tackle alone," said Chairman of the Wastewater Agency and a Sarpy County Commissioner, Don Kelly. "It has taken cooperation and partnership to get here, and I'm pleased to stand alongside our neighbors to create this system that will benefit not only Sarpy County and the Omaha metro area, but the state of Nebraska as a whole."

The project will help meet the expanding population of Sarpy County, which is the state's smallest county geographically at 241 square miles. The county's population, however, has nearly doubled since 2000. A hydrologic ridgeline that cuts through the county divided the region into developed northern and rural southern sections, hindered development and stifled growth.

While construction on the first phase of the system started in April 2022, the project formally began with the creation of the SCCWA in 2017. The government body includes Sarpy County and five cities – Bellevue, Gretna, La Vista, Papillion and Springfield.

The first phase of the project consists of a gravity sewer system, force mains and lift stations to get sewage across the southern part of Sarpy County.

The project includes 31 stainless steel floor doors from BILCO. The doors were specified in a range of sizes, including two doors that are 55 inches by 168 inches. There are 10 doors that are 36 inches by 36 inches, and eight that are 48 inches by 72 inches. The doors are equipped with fall protection grates and are ideal for corrosive environments. They are engineered with lift assistance for easy, one-hand operation.



"There are only a few manufacturers in the industry that provide these types of doors for the corrosive environment," said Project Engineer, Jeff Thompson. "BILCO was among the list specified by our engineer. They are a very solid and safe system. We wanted something that was going to provide a high level of security. We don't want somebody falling into some of these areas. And they secure the equipment needed to facilitate the movement and conveyance of our sewers. They're very functional and easy to operate."

Schu Marketing of Minnesota, BILCO's manufacturer's representative, provided the products for subcontractor Hawkins Construction Company.



Keep up with the latest news from The BILCO Company by following us on Facebook and LinkedIn. For over 90 years, The BILCO Company has been a building industry pioneer in the design and development of specialty access solutions for commercial and residential construction. For more information, visit [www.bilco.com](http://www.bilco.com). The BILCO Company is now part of Quanex (NYSE: NX), a global, publicly traded manufacturing company serving OEMs in the fenestration, hardware, cabinetry, solar, refrigeration, security, construction, and outdoor products market.