

Armourdale Industrial District Pump Station Facility Improvements

Unified Government of Wyandotte
County / Kansas City, KS



DRG conducted a study of the 55 MGD Armourdale Industrial District Pump Station to determine cost-effective means to eliminate grit buildup and effectively remove screenings from the combined sewer system. **DRG** saved over \$800,000 in project costs by designing minor modifications to the structure and installing new heavy duty crawler screens. With the initial savings, the Unified Government elected to expand the scope of work. The rehabilitation project also included stainless steel slide gates, primary and secondary power transformer replacement, MCC replacement, VFD installation, HVAC and lighting replacement, a traveling bridge crane and other maintenance and operations related enhancements.

A water impact fee structure and ordinance was produced for the City, which allowed the City to collect revenue to address growth related improvements in the system. A new water rate study was also conducted by the study team.



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