

Leavenworth Lift Station Replacement Project



COMPLETED DATE:

- Lift Station Site Preparation – Q2 2012
- Lift Station (Contract 2) – Q1 2015
- Flood Mitigation – Q4 2020



COST AT COMPLETION:

- Site Preparation – \$947,000
- Lift Station – \$28.3 million
- Flood Mitigation – \$2.8 million



PROJECT LOCATION:

- South of Union Pacific Railroad-Missouri River Bridge, near 4th and Pierce Street



In addition to pumping flow from the old Leavenworth Street Sewer, the new Leavenworth Lift Station handles flows diverted from the Pierce Street and Hickory Street Basins, and the Pierce Street Lift Station and Hickory Street Lift Stations will be decommissioned as a result.

The lift station is located south of the Union Pacific Railroad Bridge that crosses the Missouri River at approximately 4th Street and Pierce Street.

FLOOD MITIGATION

The purpose of this Project was to divert the Leavenworth Outfall Sewer dry weather sanitary flow, and some wet weather combined flow, around the Leavenworth Lift Station Diversion Structure No. 1. This eliminated the risk of water from the Missouri River entering the lift station from Diversion Structure No. 1 over extended periods. The project involved excavation of bore shafts, shoring and bracing, trenchless sewer installation, construction of a cast in place structure, construction of sewer pipe and a manhole, installation of a modulating sluice gate, and all related controls and appurtenances for the work.

