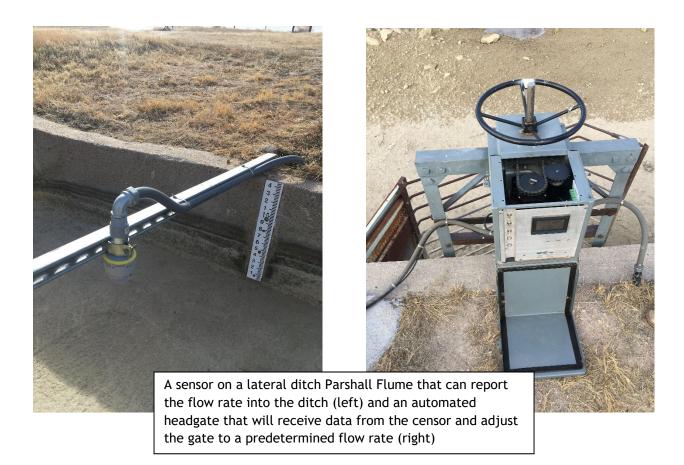


## **Outlet Canal Automation Phase II Project**

North Sterling Irrigation District Substantially Complete July 1, 2021



## **Project Description**

The North Sterling Irrigation District was created in 1907 by the Board of County Commissioners and currently serves 122 landowners with more than 40,000 acres east of the North Sterling Reservoir. Following on the successful Phase I which installed 25 automated on-farm headgates, this project automated 42 additional headgates. Automation included solar power, a controller, an actuator to operate the headgate, a radar sensor at each Parshall flume, and telemetry for data access and remote control. This new equipment saves time, labor, and water, and may reduce the size of the regulating reservoir in the future. Installation began in the early spring and was nearly all complete by the time water was turned into the Outlet Canal in April.

PROJECT DATA			
Sponsor: North Sterling Irrigation	County: Logan		Water Source: South Platte
District			River
Type of Project: Ditch Systems Improvement Board Approval I			Date: January 2021
Loan Terms: (Original) \$395,920 @ 0.90% (Final) \$395,920 @ 0.90%			
Design Engineer: Hydrologic Consultants, Inc			
Contractor: Hydrologic Consultants, Inc			