



Project Description

The Schneider Ditch Company diverts water from a side channel in the South Platte River for both irrigation and augmentation purposes. Water deliveries are made through the Schneider Ditch to recharge sites and irrigation lands lying south of the South Platte River and near the Town of Atwood. The diversion structure was constructed over 50 years ago and consisted of a concrete rollover wall with a flashboard system that diverted water into the ditch. The original structure had a problem with seepage, undermining, and sediment control. The project included the removal of the existing structure, installation of a new concrete structure with a 60-foot long inflatable bladder gate to act as a service spillway in the river channel, a 10-foot wide radial gate for headgate sand maintenance, a 10-foot wide intake headgate, and construction of a control building with new gate controls. Construction began in the fall of 2019 and was completed in the fall of 2020.

P R O J E C T D A T A		
Sponsor: Schneider Ditch Company	County: Logan	Water Source: South Platte River
Type of Project: Diversion Structure	Board Approval Date: January 2019	
Terms of Loan: 1.85% for 30 years	(Original) \$1,245,330	(Final) \$1,161,902.11
Design Engineer: Harris Engineering Consultants, Inc.		
Contractor: Ransome Boone Excavation		