



## Prewitt Reservoir Rehabilitation

Logan Irrigation District  
Substantially Complete March 1, 2023

The newly installed concrete slabs on the dam's upstream face catch waves, diffuse their energy, and prevent overtopping of the dam crest.



### Project Description

The Logan Irrigation District (District) was formed in Logan County in 1910, and provides water for irrigation and augmentation to 125 landowners on approximately 12,800 acres. The District delivers water for well user groups such as South Platte, Pawnee, and Logan, and the City of Sterling for well pumping replacement. Irrigated acreage in the District grows corn, alfalfa, sugar beets, pinto beans, and feed crops.

The Prewitt Reservoir Dam was constructed in 1910 and measures 3.5 miles long and 36 feet high. It is owned and operated by the Prewitt Operating Committee (POC) which includes the Iliff Irrigation District, the Morgan Prewitt Reservoir Company, and the District. As the majority shareholder, the assumed financial responsibility for the loan and was responsible for collecting from other POC members. The project involved installing wave breaks and a toe drain in order to remove a State Engineer Office (SEO) Dam Safety storage restriction restoring 3,300 AF to the reservoir. Construction began in the summer of 2021, and was completed in the spring of 2023.

| P R O J E C T   D A T A   |                      |   |
|---|----------------------|---|
| <i>Sponsor:</i> Logan Irrigation District                           | <i>County:</i> Logan | <i>Water Source:</i> South Platte River |
| <i>Type of Project:</i> Dam Rehabilitation                          |                      | <i>Board Approval Date:</i> March 2021  |
| <i>Loan Terms: (Original) \$1,578,630.00 (Final) \$1,257,781.27</i> |                      |   |
| <i>Design Engineer:</i> Harris Engineering Consultants, Inc.        |                      |   |
| <i>Contractor:</i> Cornerstone Construction and Excavating, LLC.    |                      |   |