



Fruitgrowers Reservoir Gates Replacement

Orchard City Irrigation District
Substantially Complete September 1, 2024

Below on the left is a photo of the newly constructed gatehouse used to protect the SCADA system and the access to the newly constructed gates and motorized controls. On the right is a photo of the Fruitgrowers Reservoir drained to allow for installation of the gates.



Project Description

The Orchard City Irrigation District (District) provides water to 558 landowners for use on 2,760 irrigated acres of agricultural land and for domestic use. The Fruitgrowers Reservoir and Dam are owned by the Bureau of Reclamation but operated and maintained by the District.

For 85 years, the same emergency and control gates were in place and manually operated to release water to downstream users. The gates had reached the end of their designed life and the emergency gate would leak at 1,500 gal/min when fully closed. In 2023 and 2024 the gates were completely removed and replaced with newly fabricated gates. Additionally, a gatehouse was built over the access to house the new SCADA system and motorized controls. The new system was constructed to accommodate telemetry at the choosing of the District.

P R O J E C T D A T A		
<i>Sponsor:</i> Orchard City Irrigation District	<i>County:</i> Delta	<i>Water Source:</i> Surface Creek and Dry Creek
<i>Type of Project:</i> Dam Rehabilitation		<i>Board Approval Date:</i> November 2023
<i>Loan Terms:</i> 30 years @ 2.20% (Original) \$505,000.00 (Final) \$505,000.00		
<i>Design Engineer:</i> Applegate Group, Inc.		
<i>Contractor:</i> Kissner G.C. Inc.		