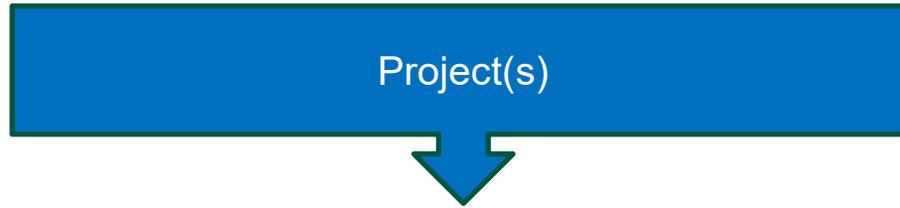




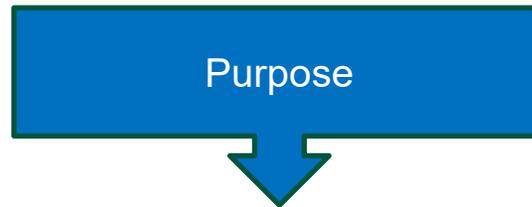
Lake Granbury Trifecta Project

**Presented by
Michael McClendon
Chief Projects Officer**



Project(s)

1. Stop Log Hoist System
2. Buttress 1/44 and Embankment Retaining Wall Repairs
3. Comprehensive Tainter Gate and Tainter Gate Hoist Evaluation

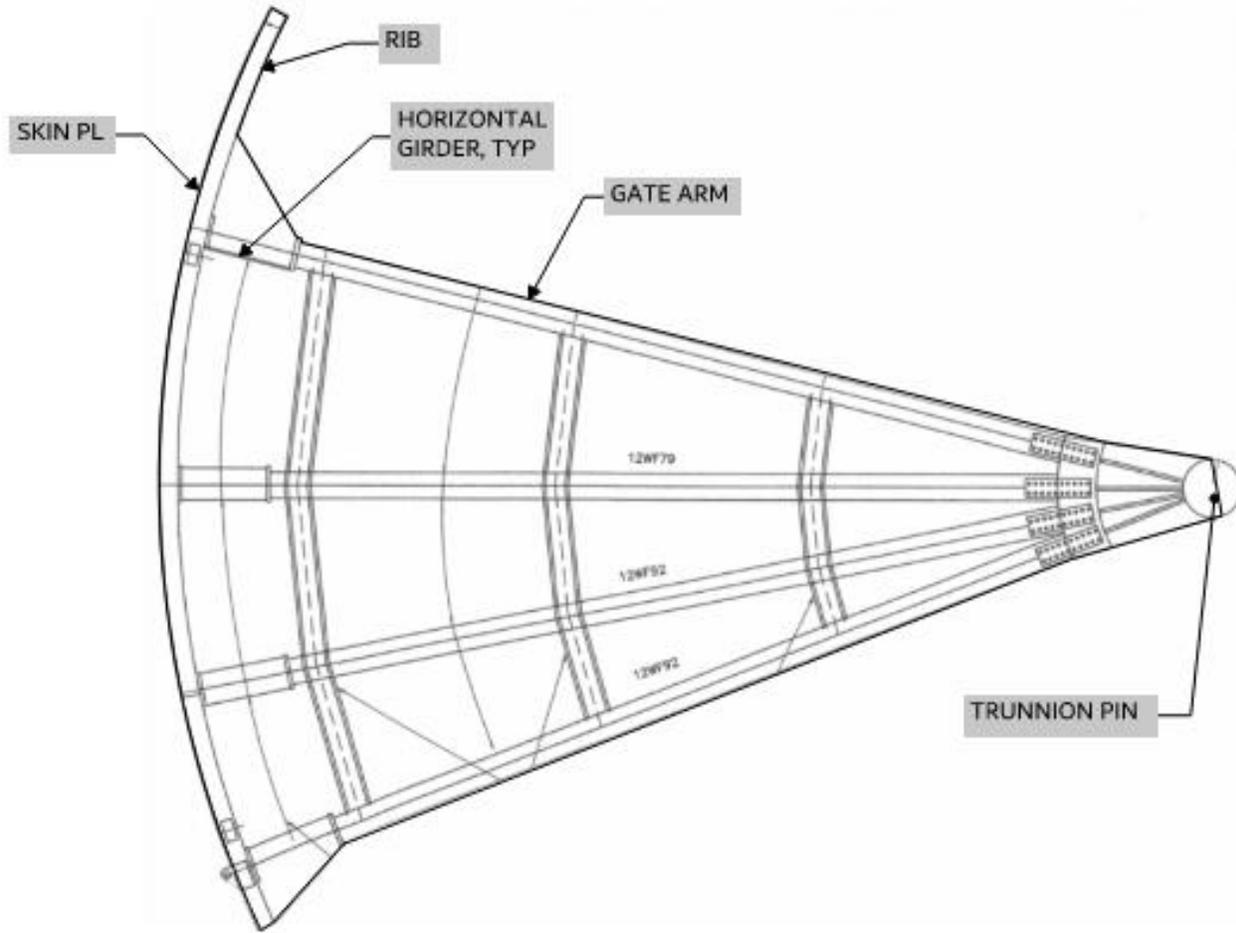


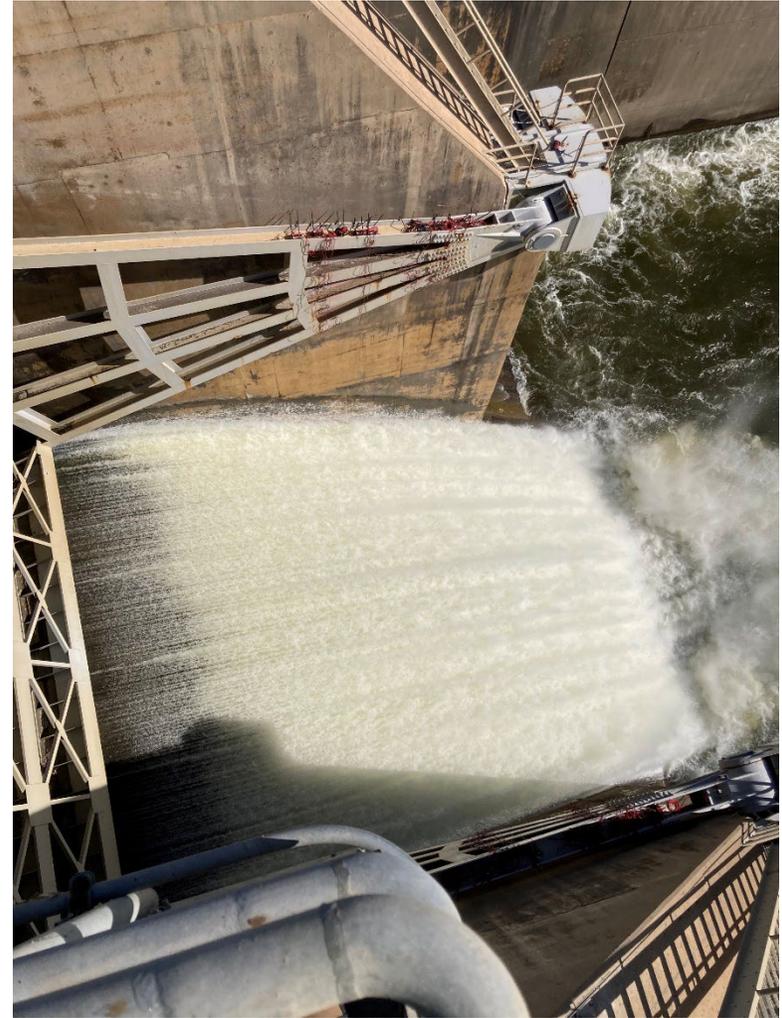
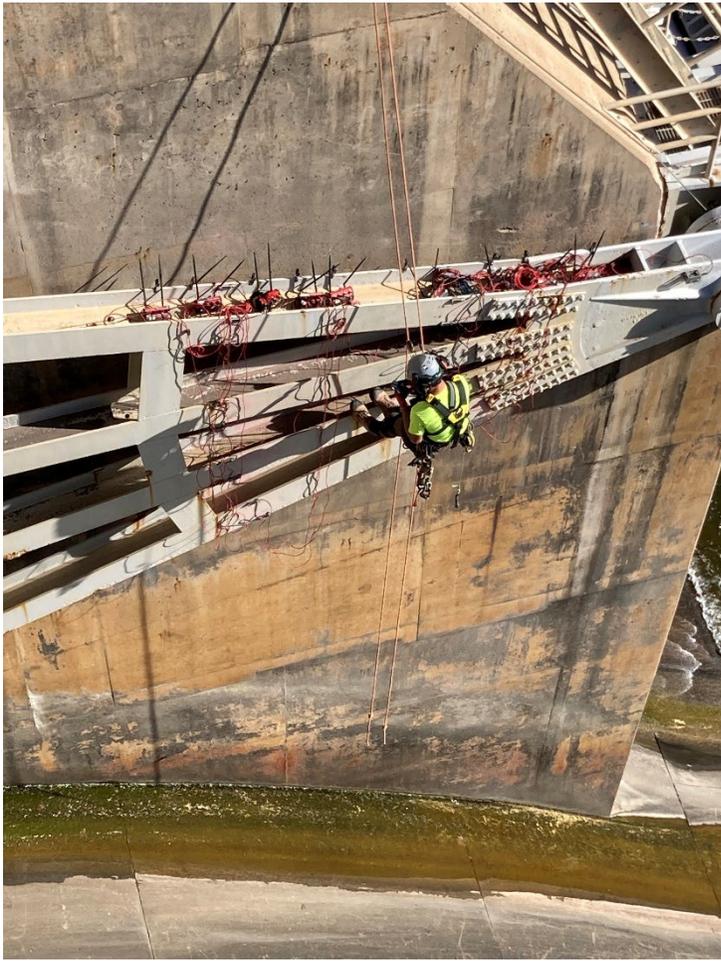
Purpose

The Trifecta Project incorporates multiple efforts to facilitate operational and structural improvements to DeCordova Bend Dam which achieve and/or extend the service life of the structure.



Tainter Gate Performance Testing







Tri-fecta Project Budget(s)

- **Project Budget(s)**
 - FY 2025 - \$3,273,000
 - FY 2026 - \$3,131,000
 - FY 2027 - \$7,329,000
 - FY 2028 - \$4,750,000

- **Existing Professional Services Agreement (NTE)** \$3,462,624.60
- **Existing Amendment 1** \$ 5,750.00
3,468,374.60

- **Proposed Amendment 2** \$ 400,000.00
- **Revised PSA (NTE)** **\$3,868,374.60**



“BE IT RESOLVED that the Board of Directors of the Brazos River Authority hereby approves and authorizes the General Manager/CEO to execute an amendment and increase the total not-to-exceed amount by \$400,000 for the Lake Granbury Tri-fecta Project Professional Service Agreement with Walter P. Moore to perform additional engineering services; and,

BE IT FURTHER RESOLVED that the Board of Directors approves a budget increase of \$170,000 to the Fiscal Year 2025 Lake Granbury Stoplog Replacement System Project from \$1,400,000 to \$1,570,000.”



Brazos River Authority

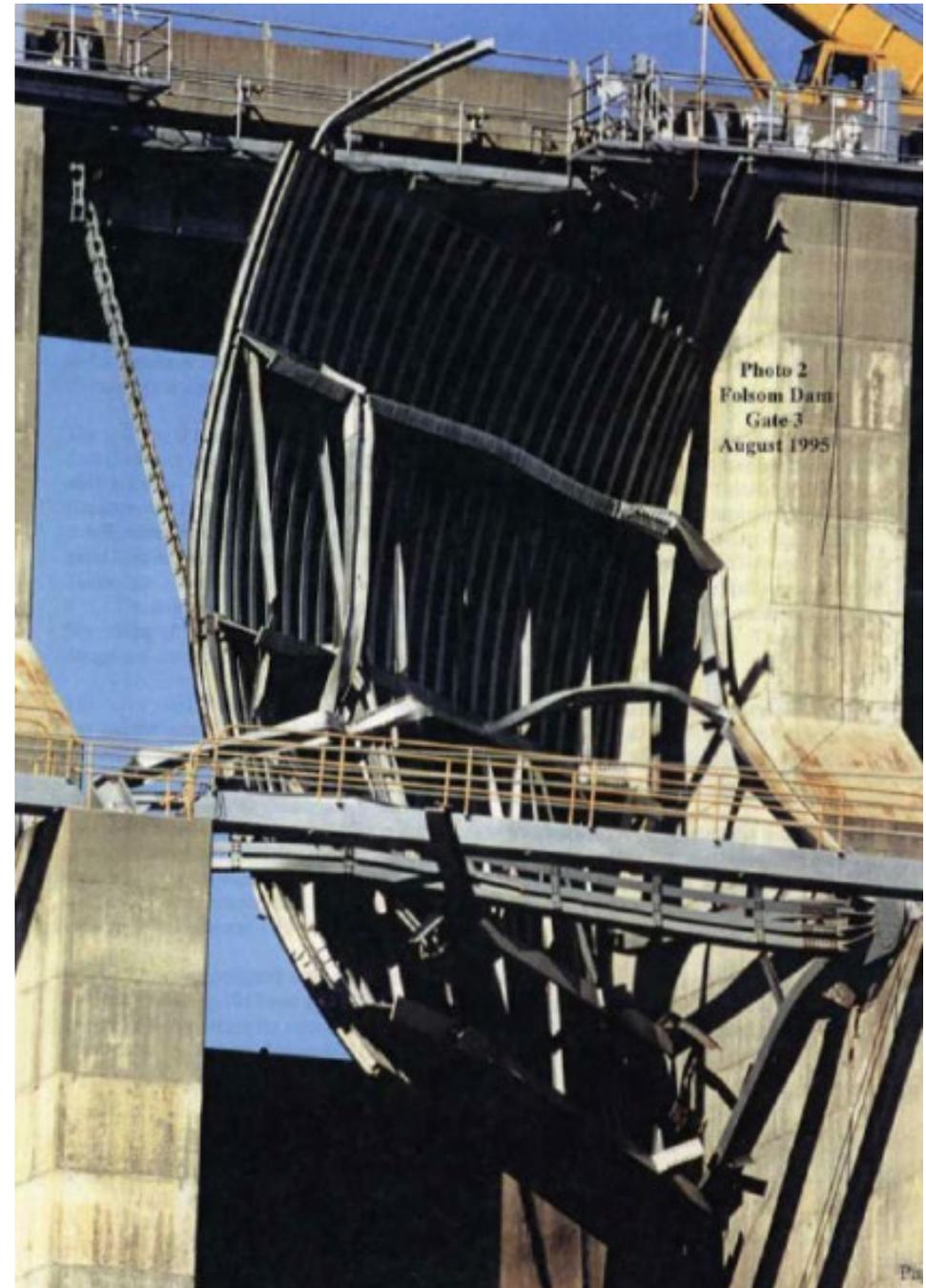


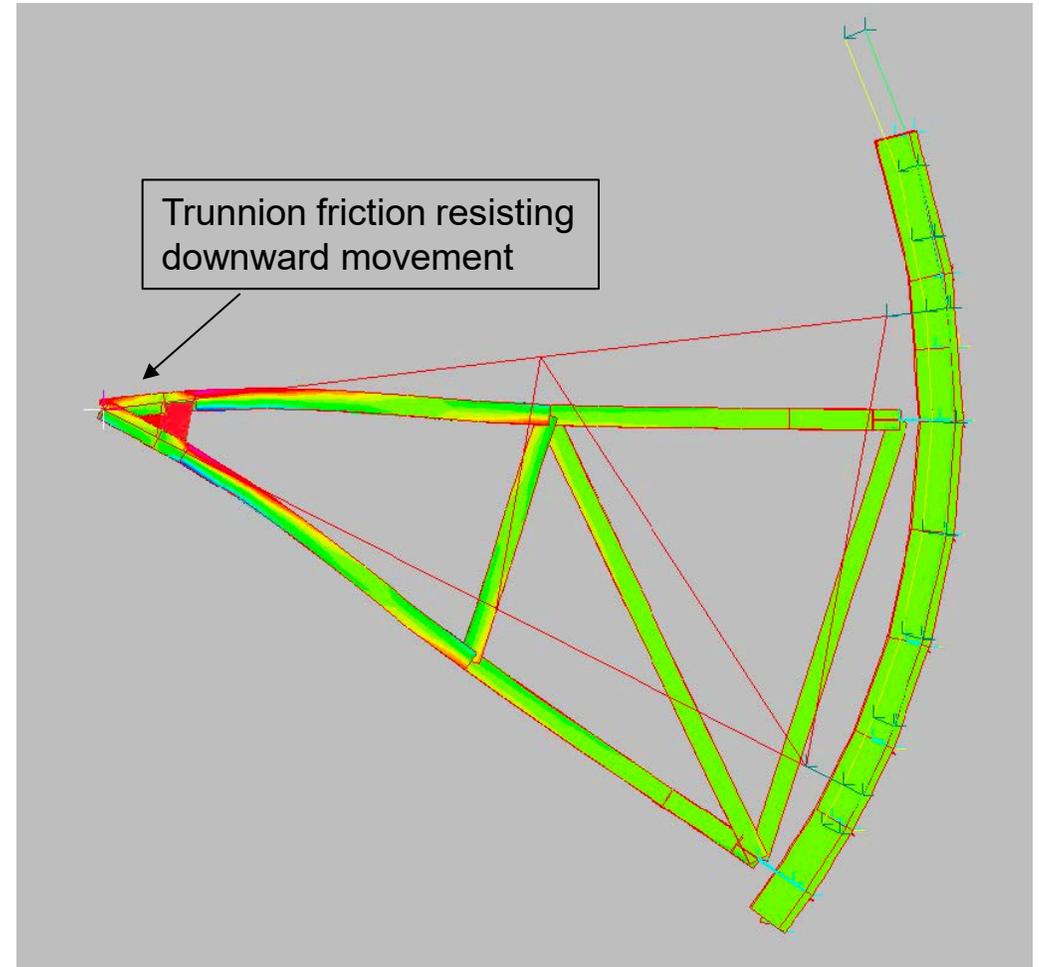
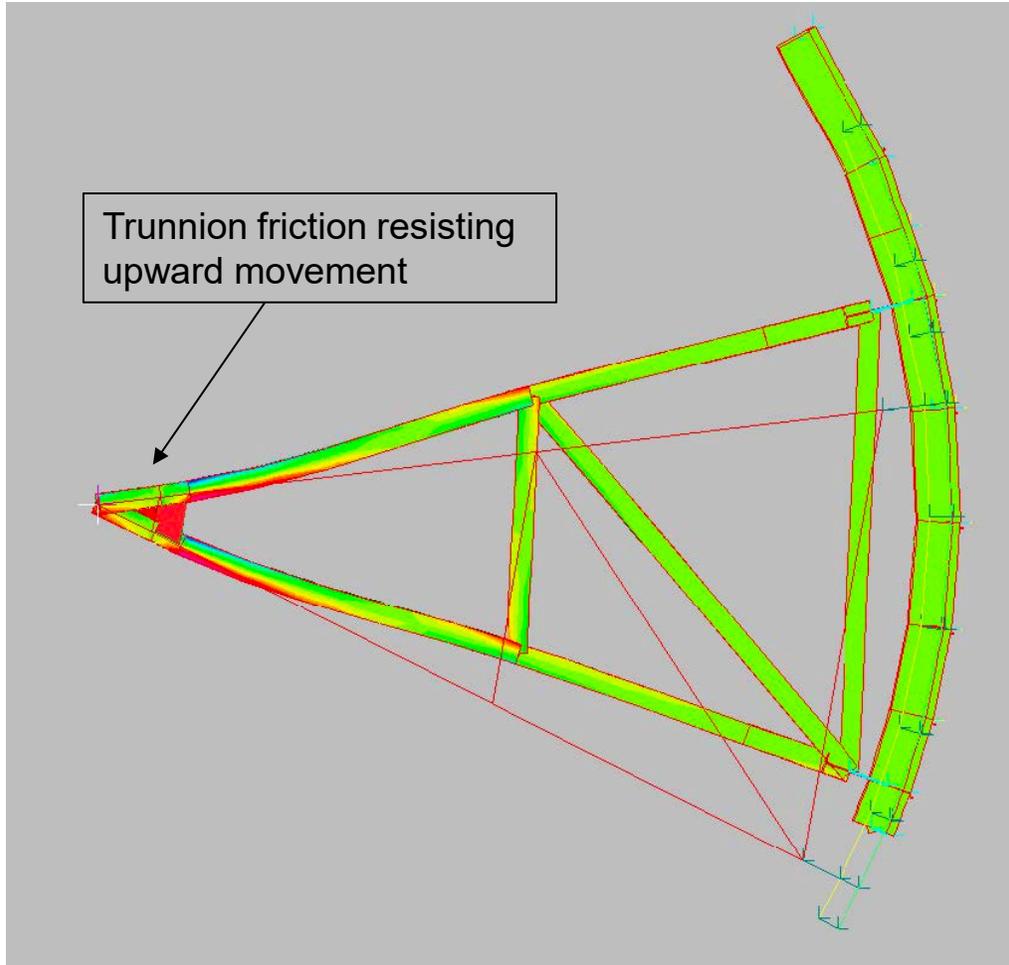
Brazos

— ★ —
RIVER AUTHORITY



Folsom Dam Failure (1995) Reminder of maintenance and monitoring of Tainter Gates







Project Budget

<i>Task One: Data Collection/Review & Workshops</i>	\$ 449,873.85
<i>Task Two: Condition Assessment.....</i>	\$ 2,425,836.97
<i>Subtask 2.1 - Condition Assessment Planning & Coordination</i>	\$ 312,355.57
<i>Subtask 2.2- Reinforced Concrete NOE, Steel NOE & Materials Sampling</i>	\$ 446,112.07
<i>Subtask 2.3 - Reinforced Concrete Assessment & Supplemental NOE.....</i>	\$ 147,924.75
<i>Subtask 2.4 - Tainter Gate Performance Testing & Bridge Load Rating Testing</i>	\$ 467,897.67
<i>Subtask 2.5 - Tainter Gate, Tainter Gate Hoist Equipment and Stop Log Assessments & Supplemental NDE ...</i>	\$ 286,892.75
<i>Subtask 2.6 - Miscellaneous Condition Assessment Supporting Services & Reporting.....</i>	\$ 345,011.35
<i>Subtask 2.7 - Condition Assessment Reporting</i>	\$ 419,642.81
 <i>Task Three: Existing Structural Capacity Analysis</i>	 \$ 484,167.03
 <i>Task Four: Phase II Planning Workshop & Reporting</i>	 \$ 102,746.75
 Amendment No. 1	 \$5,750.00
TOTAL AGREEMENT AMOUNT NOT TO EXCEED.....	\$ 3,468,374.60