



Reservoir System Maintenance Unit (RSMU) Projects

***Randall McCartney
Reservoir Manager
Possum Kingdom Lake***



Projects

- 1. (CAASLE) Bay 8 Second Level Walkway Bridge Concrete Repair**
- 2. (CAASLE) Bay 31 Corbel and Deck Panel Concrete Repair**
- 3. Gate 4 Pier Plate Walls & Routine Gate Maintenance**
- 4. C.O.C 78" RJV Repair, Sandblasting, & Coating (RFB)**
- 5. Spillway Pump & Piping Project (RFB)**
- 6. Flow Control Gate Replacement Project**
- 7. Sandblast & Coating Bulkhead System and Crane Barge**
- 8. Fabricate, Sandblast, and Coat Stop Log for Lake Granbury**



Concrete Assessment and Service Life Extension (CAASLE)

- **Gannett Fleming, Inc. was selected as Engineer and performed a complete concrete analysis of Morris Sheppard Dam.**
- **Phase I**
 - **Simple structural analysis, investigation and testing planning**
- **Phase II**
 - **Investigation and testing data summary report**
- **Phase III**
 - **Failure modes progression structural analysis; testing data summary report**

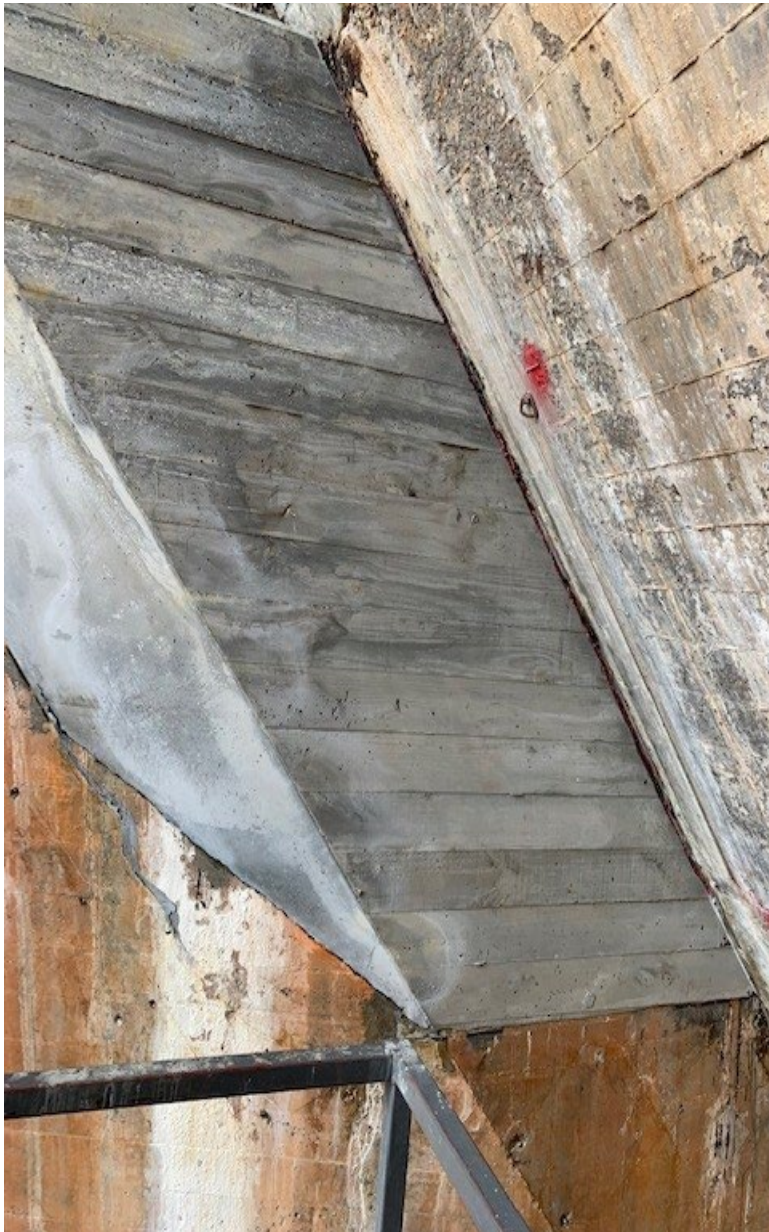
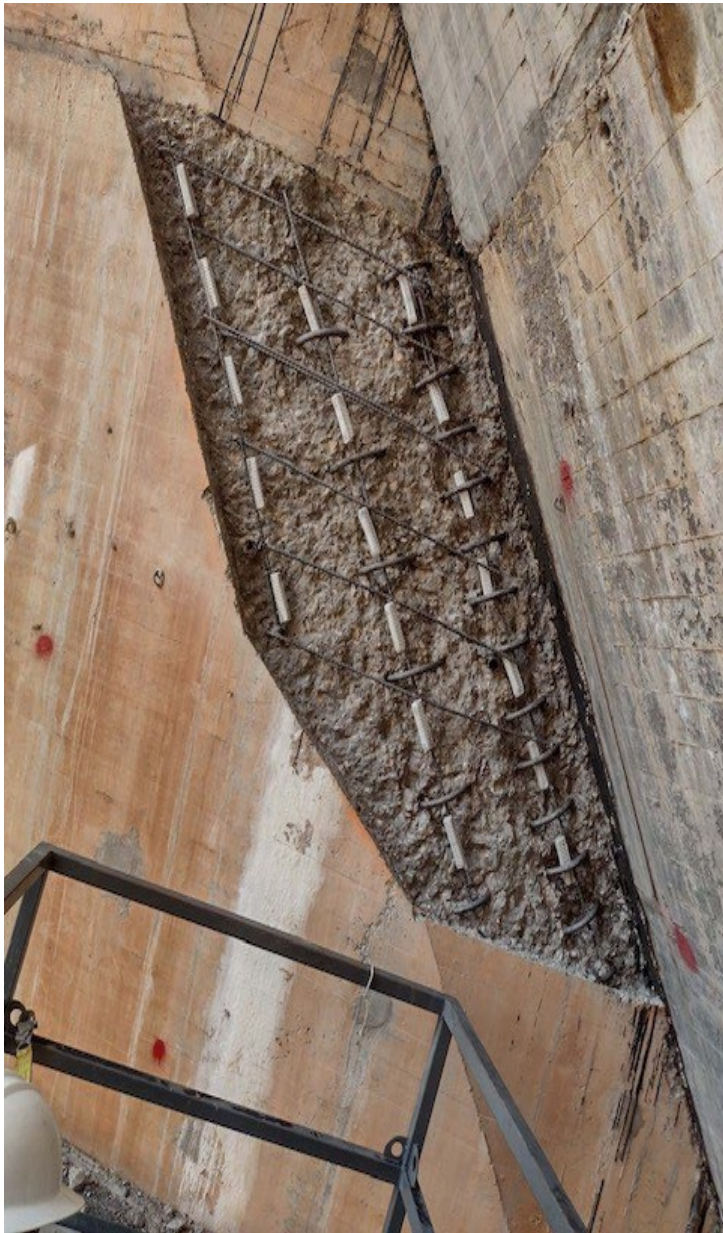
Pictures of Bay 8 Walkway



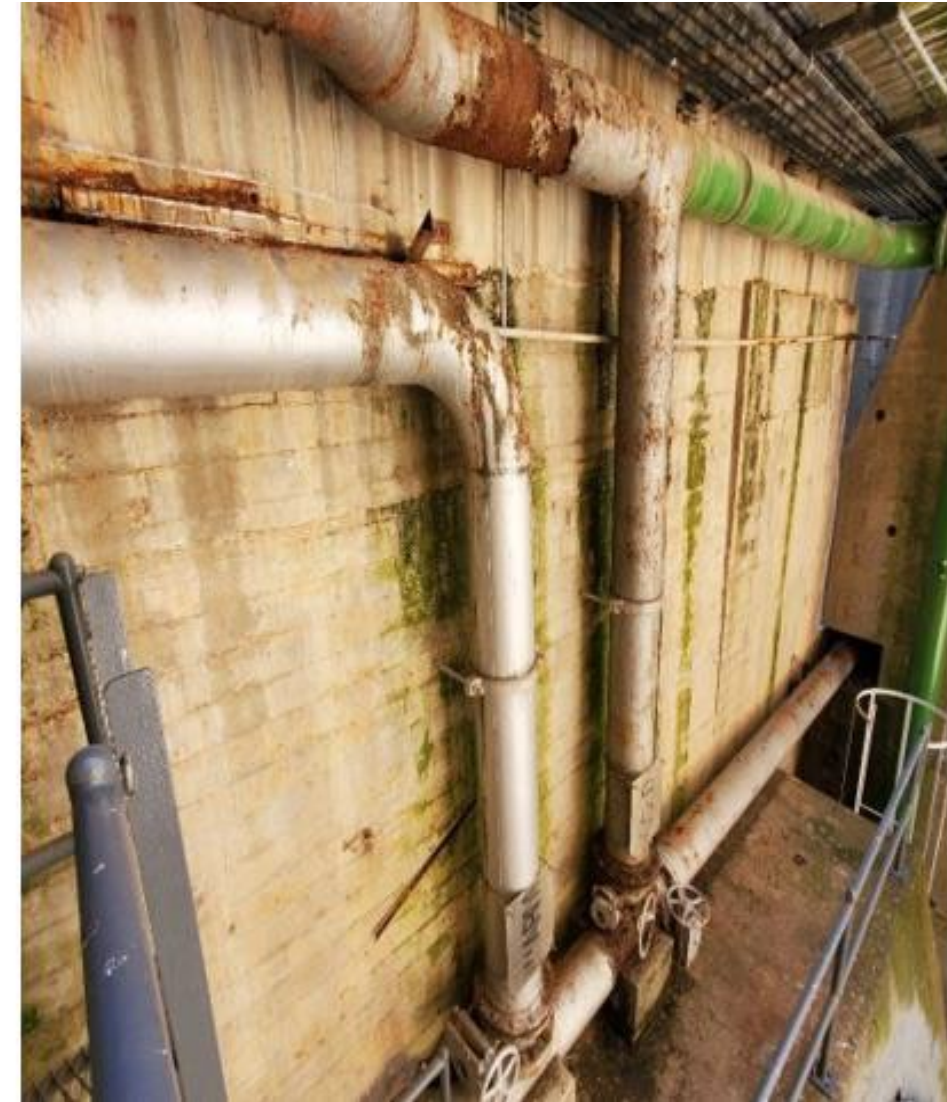
(CAASLE) Bay 31 Concrete Repairs (Phase IV)



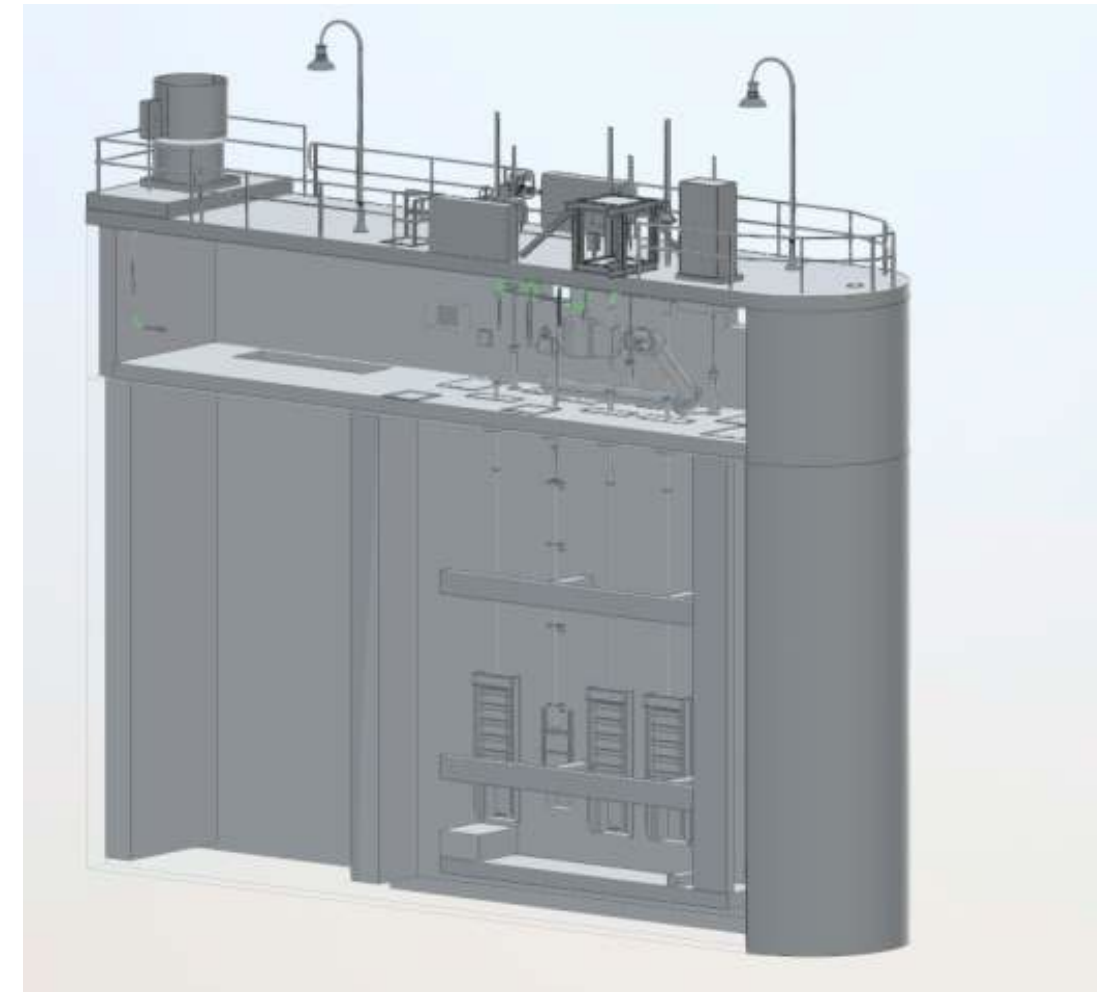
(CAASLE) Bay 31 Concrete Repairs (Phase IV) (Cont'd)



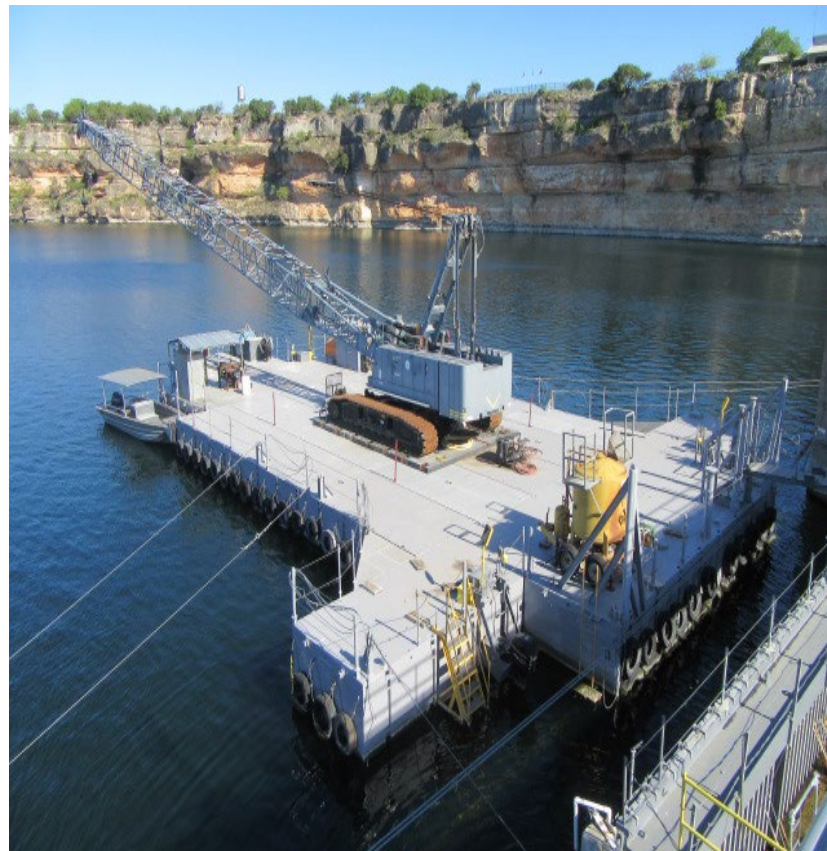
Spillway Pump & Piping Project



Flow Control Gate Replacement Project



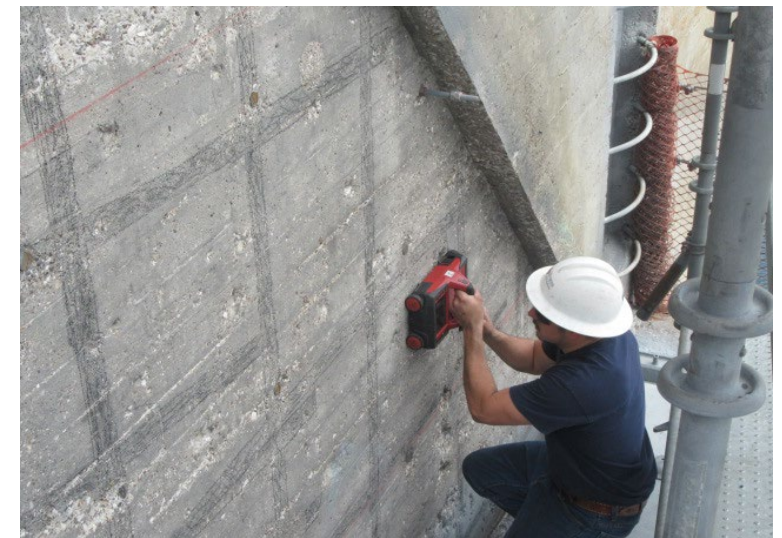
Crane Barge Rehab



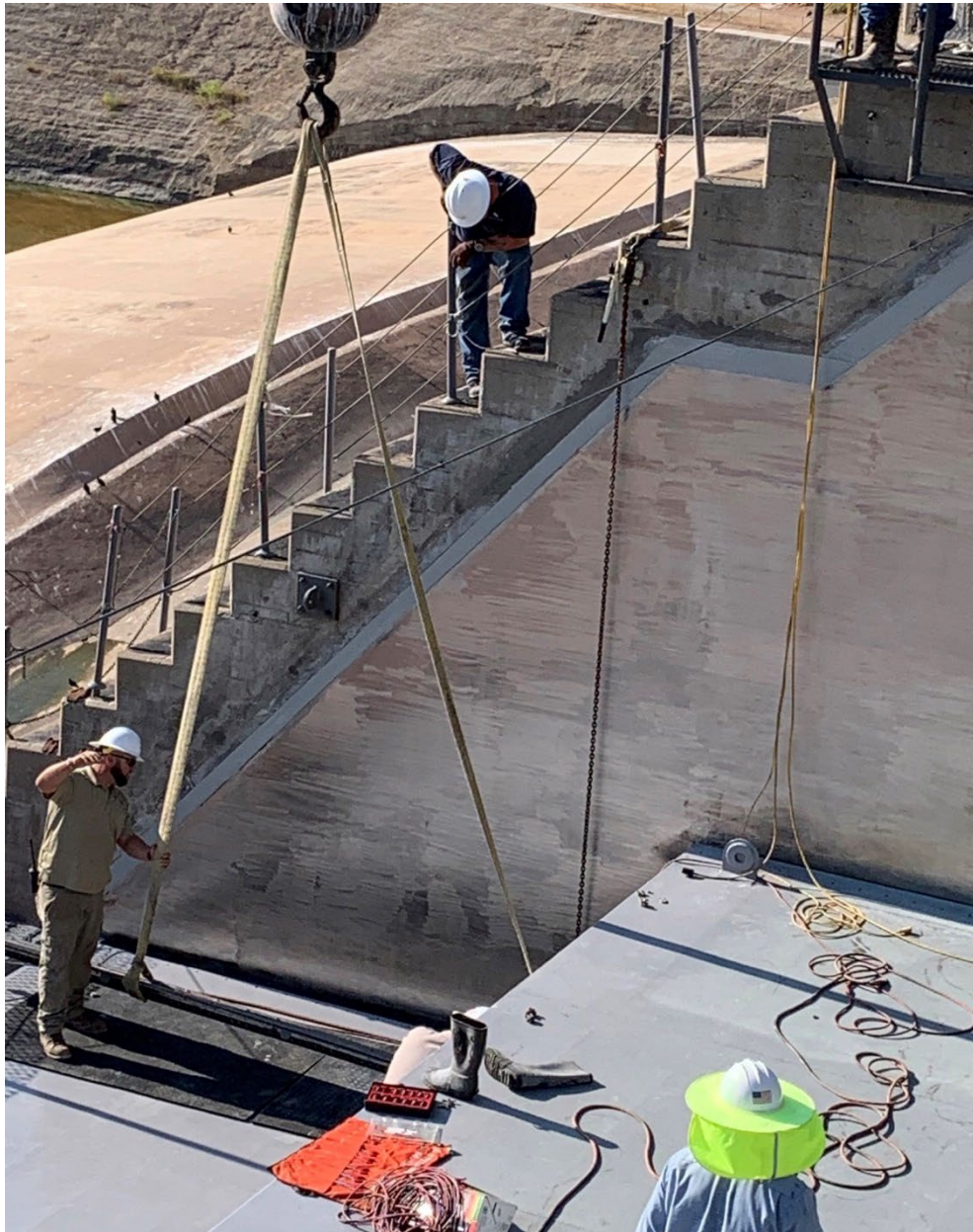
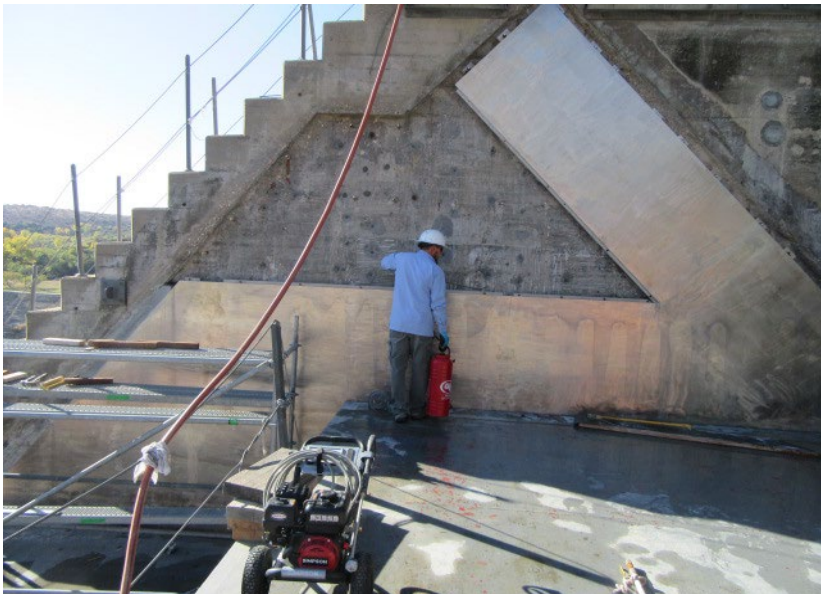
Stop Log For Lake Granbury DeCordova Bend Dam



Gate 2 Pier Plate Walls & Routine Gate Maintenance



Gate 2 Pier Plate Walls & Routine Gate Maintenance (Cont'd)





- **Vision:**
- **Complete projects timely**
- **Reduce construction cost**
- **Lessen contractor construction challenges**
- **Increase staff to address contractor issues**
- **Obtain superior work**
- **Retain knowledgeable/skilled workforce**
- **Implement at other locations**
- **Promote programmatic approach organization-wide**

Questions?



Brazos

RIVER AUTHORITY