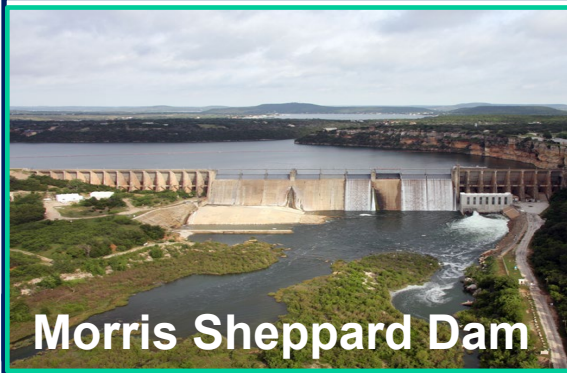




Possum Kingdom Spillway Pump and Piping Project



Morris Sheppard Dam



Fish Hatchery



Spillway Pump



Spillway Piping

The Morris Sheppard Dam spillway section consists of nine bear-trap gates that pass floodwater downstream. To assist with gate maintenance activities during low reservoir conditions, a spillway pump and piping system was utilized to supply pressurized water into the underside of the gates to assist the gates for maintenance operations. Due to modifications to the spillway piping in the dam (as part of a previous project), the spillway pump and piping system was disconnected, and some components removed.

The piping system also provides both cold and warm water to the Texas Parks and Wildlife Department (TPWD) Possum Kingdom Fish Hatchery located downstream of the dam. This is accomplished through two waterlines that run from the Powerhouse to the fish hatchery.

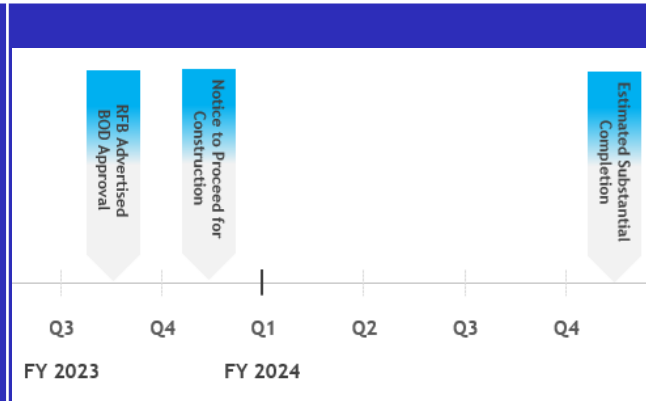
The Project

The purpose of the Spillway Pump and Piping Project is to 1) perform a condition assessment of the spillway pump and piping system and develop recommendations to bring the system to fully functional operation and 2) design the approved repairs, modifications and improvements to the system. A successful project will provide BRA's RSMU maintenance department the ability to test gates and ensure they are operable prior to bringing back into service and to ensure a continued supply of cold and warm water to the TPWD Fish Hatchery.

Current Project Status 4/14/2023

- Preliminary Evaluation Report submitted on June 9, 2021
- Final Design completed June 2022
- Project advertised for construction – March 28, 2023
- Seek Board approval to approve construction – May 2023
- Estimate a June 2023 NTP for construction

Planned Schedule



Note: BRA Fiscal Year Runs Sept to Aug

Budget Summary

FY 2023 Budget	\$1,100,000
FY 2023 Project Expenses (As of 2/28/2023)	\$16,905