



June 2020

MONTHLY PROGRESS REPORT



BOIS
D'ARC
LAKE

Bois d'Arc Lake is located northeast of Bonham in Fannin County. Project construction began on the 16,641-acre reservoir in May 2018. The lake and other projects will be able to initially treat and deliver up to 70 million gallons of water daily starting in 2022. This report provides a monthly recap of construction progress and accomplishments.

Project Overview

Dam and Reservoir

Construction includes the foundation preparation and construction of a two-mile long dam embankment, service spillway and raw water intake.

- Crews are concentrating on increasing the height of the center section of dam embankment. Water from the creek will continue to move downstream through the raw water intake structure, under the dam and flow into Bois d'Arc Creek on the other side.
- Crews continue to pour concrete to increase the height of the intake structure and finish the dam's spillway.

FM 897 and County Roads

Around 11 miles of county and state roads and bridges in Fannin County are being improved or constructed.

- Concrete work on the FM 897 bridge is complete, with full completion of FM 897 road expected this summer.
- Most county roads are completed with the remaining nearing completion and due to be finished later this summer.

Mitigation

Improvements are being made to more than 17,000 acres to mitigate for loss of habitat and impacts to local streams from construction of the lake.

- Workers continue to restore streams, maintain ponds, care for new plants and remove invasive ones.
- The biggest stream rehabilitation project will begin next month on Willow Branch.

Leonard Water Treatment Plant

Construction includes a storage reservoir and five-step water treatment plant.

- Concrete work for structures is the main focus across the site. Electrical and pipe work inside the plant also continues.

Raw Water Pump Station and Pipeline

These will pump water out of the reservoir and carry it 35 miles to the new treatment plant.

- Most of the concrete walls and beams have been placed for the raw water pump station. Crews are installing stairwells and conduits and panels for upcoming electrical cabling.
- Crews continue pipeline installation in three different locations, and have installed half of the raw water pipeline.

Treated Water Pump Station and Pipeline

A pump station and 25 miles of new pipe will transport the treated water to the existing NTMWD regional water system.

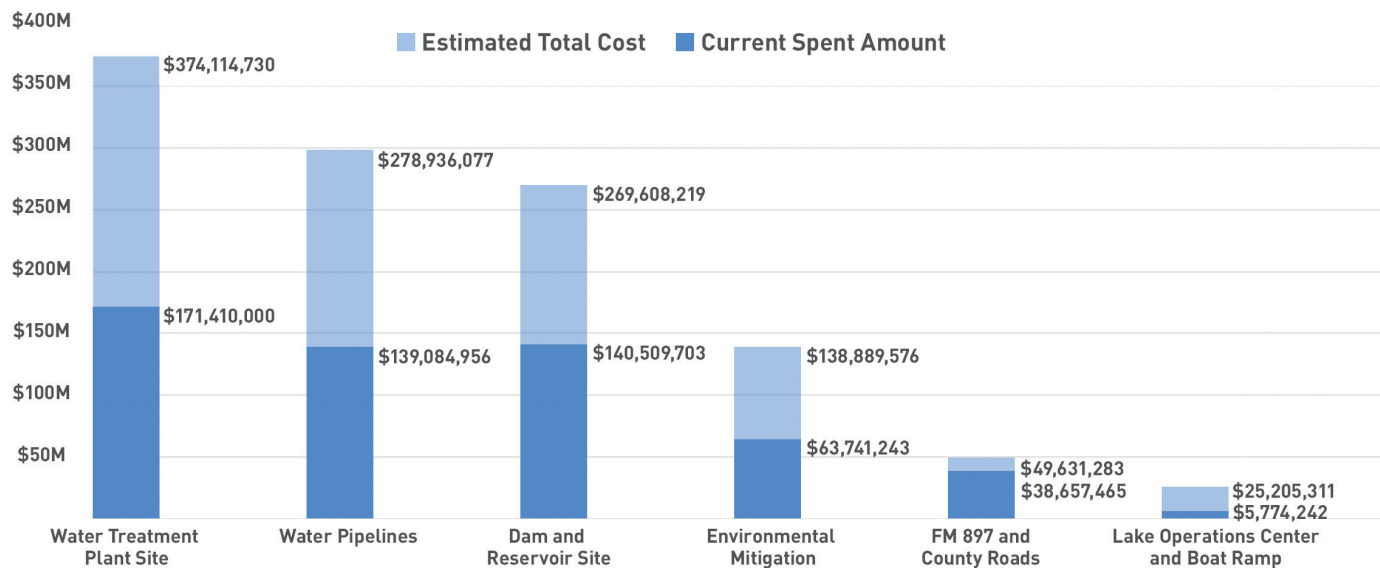
- Crews continue to build and place concrete walls for the structure of the pump station.
- Pipeline installation is expected to begin in July, with some preparatory work already underway.

Boat Ramp Areas and Lake Operations Center

NTMWD is building three public boat ramps, a dam maintenance building and a Lake Operations Center for administrative operations and recreational and educational activities.

- Crews have finished the steel frame of the Lake Operations Center and are now working on the walls and beams for the lobby.
- Construction on the warehouse near the lake continues.
- Work on all three boat ramps continues and will begin shortly on nearby parking lots.

Projected Costs for Component/Amount Spent to Date



Water Treatment Plant Site — Inside the high service pump station being built to carry treated water to NTMWD's service area



Water Pipelines — Pieces of pipe strung out and laid along the raw water pipeline route



Dam and Reservoir Site — Work on the nearly 1000-ft-long spillway to release water back into Bois d'Arc Creek



Environmental Mitigation — A stream restored to its natural, meandering path as part of work on the Bois d'Arc Lake project

Projected Costs for Component/Amount Spent to Date Con't.



FM 897 and County Roads — The end of construction on the new FM 897 bridge



Lake Operations Center and Boat Ramps — The center taking shape, with the goal to finish it by late 2020

Spotlight:

A Tale of Two Pipelines

PIPELINE 1: The first pipeline for the Bois d'Arc Lake project is now over halfway finished (as of this month)! It will carry untreated water from lake (pulling out through the intake structure) and to Leonard Water Treatment Plant.

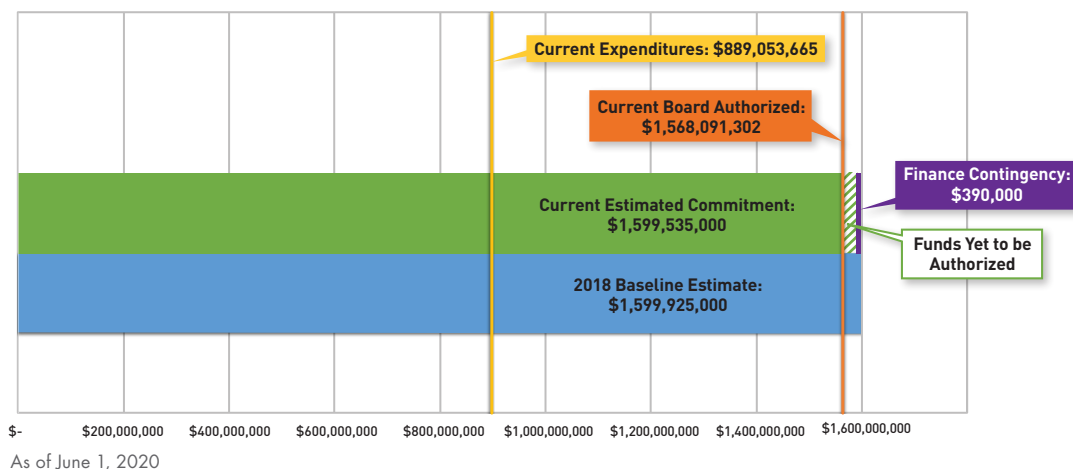
PIPELINE 2: The second, "treated water" pipeline is breaking ground this summer. NTMWD hosted a successful virtual public information meeting on the construction process mid-June, and tunneling is already underway. The first pieces of pipeline will be dropped off in July. They will be strung out along the pipeline route and later buried from the treatment plant to NTMWD's existing distribution system.

Current Cost Summary

The planning, permitting, designing, land purchasing and constructing of Bois d'Arc Lake and other projects is an important investment for the future of North Texas.

Bois d'Arc Lake and other projects are estimated to cost approximately \$1.6 billion. These costs will be shared by the up to 80 communities who receive water from NTMWD. The Texas Water Development Board has approved \$1.47 billion for these projects through the State Water Implementation Fund for Texas (SWIFT) program, which is anticipated to save NTMWD and its cities over \$230 million in interest.

Current Project Expenditures



TIMELINE FOR PROJECTS

