

December 2019

MONTHLY PROGRESS REPORT



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 stripping/clearing soil and vegetation to build a two-mile-long dam embankment and service spillway (to return overflow water to Bois d'Arc Creek).

- Work on the west portion of dam is currently on hold while crews work on another crucial part of the structure, but another 40 feet will be added. Work is underway on the eastern portion to raise it to the same elevation as the west side.
- Crews continue to encase the dam's intake conduits in concrete, while construction on the intake structure continues.

FM 897 and County Roads

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

- Crews completed the seventh pour of deck concrete (out of 20 total) for the FM 897 bridge across the future Bois d'Arc Lake.
- Construction on the supporting structure for FM 897 is more than halfway finished. Work also continues on roadway sections on either side of the bridge.
- Work on county roads is well underway.

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, seed/plant grasses and other plants, create future emergent wetlands and ponds and cut ditches for irrigation pipelines.
- Preparations are underway for winter tree planting.

Leonard Water Treatment Plant

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

- Buildings across the site are beginning to take shape.
- The total project in Leonard is approximately 30% complete.

Raw Water Pump Station and Pipeline

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

- Crews continue pipeline installation.
- The lower level of the raw water pump station walls will be complete around end of year.

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.

- The treated water pipeline is now slated to break ground next spring.
- Pump station excavation is complete. Crews are currently gathering to begin work on the concrete structure.

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.

- Excavation on the ramps and center is underway.
- Backfill on building pads at the Lake Operations Center is underway.
- Work on in-ground utilities and overhead electric is ongoing at the Lake Operations Center.

Raw Water Pipeline

Construction crews are keeping busy laying the 35 miles of pipeline to move water from Bois d'Arc Lake out for treatment at the Leonard Water Treatment Plant. Since they began in August:

- 474 pieces of 25,000 lb. pipe have been placed
- 23,700 ft. (12%) of the total pipeline has been laid
- 65 crew members are now working on the project every day
- 4 (soon to be 5) crews are currently working at 3 different locations

The pipeline is scheduled for completion in the summer of 2021.



Laying a 50 ft. long, 25,000 lb. piece of raw water pipe that will eventually deliver water from Bois d'Arc Lake for treatment.



NTMWD Member City Leaders visit the site of the future Bois d'Arc Lake.

NTMWD Member Cities Tour Bois d'Arc Lake

Sunny skies greeted nearly three dozen representatives of NTMWD's 13 member cities during a tour of Bois d'Arc Lake in mid-November.

Mayors, council members, city managers and other city staff viewed the ongoing construction at the dam, raw water intake structure and raw water pump station on November 15. Attendees also had a chance to visit with construction companies for the project's major components and heard an update on those project areas.

Bois d'Arc Lake will provide a vital water supply to the up to 80 communities in our rapidly growing service area, which is expected to nearly double in size to 3.4 million people by 2050.

Newsroom Launches on Bois d'Arc Lake Website

This month the Bois d'Arc Lake website launched a "newsroom" dedicated to news on the lake and related projects. Check in regularly for all the latest on project work and other happenings. The page will be updated regularly with recent news stories, releases and Facebook posts.

View the new Bois d'Arc Lake Newsroom in the Project News tab in the Library on BoisdArcLake.org.

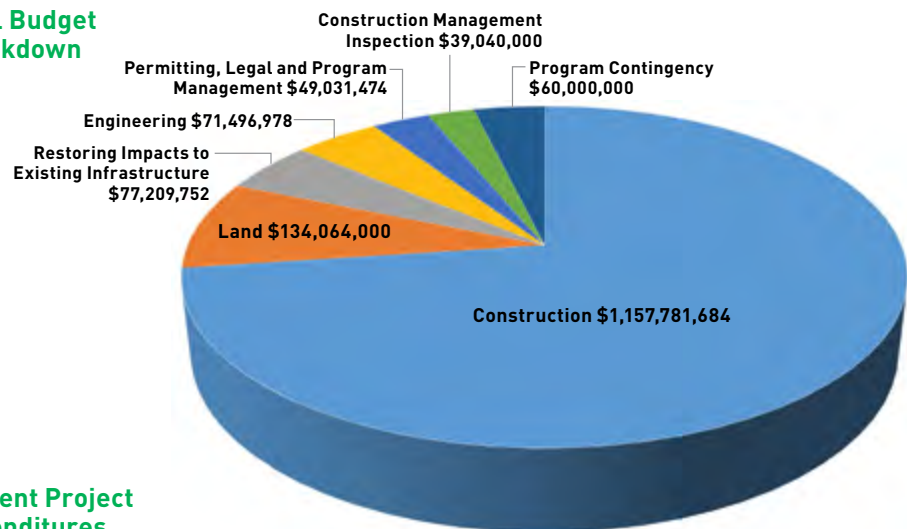


The planning, permitting, designing, land purchasing and constructing of Bois d'Arc Lake and other projects is an important investment for the future of North Texas.

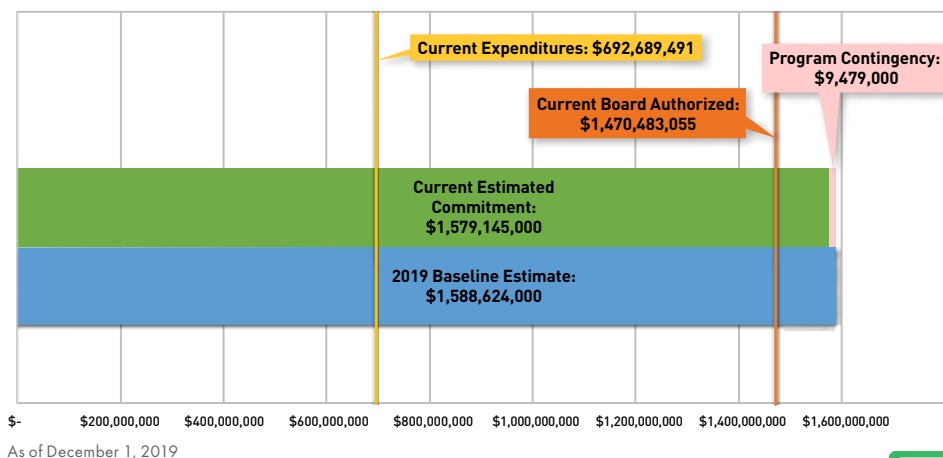
Bois d'Arc Lake and other projects are estimated to cost approximately \$1.6 billion. These costs will be shared by the up to 80 communities who receive water from NTMWD. The Texas Water Development Board has approved \$1.47 billion for these projects through the State Water Implementation Fund for Texas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

This pie chart offers a breakdown of the total budget for the reservoir and other projects, and the bar chart shows current expenditures.

Total Budget Breakdown



Current Project Expenditures



TIMELINE FOR PROJECTS

