

July 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.

- Work on FM 897 and most of the county roads is coming to a close this month.

### 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 species.
- The biggest stream rehabilitation project is now underway at Willow Branch.

### Leonard Water Treatment Plant

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

- Equipment is arriving and being installed including ozone generators, power supply units and vaporizers for the ozone facility.

### Raw Water Pump Station and Pipeline

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

- The pump room is taking shape and will transition to mechanical focused work in the next few months.
- Crews continue pipeline installation in three different locations, and have installed over 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.

- Electrical overhead and wall rough-in are 55% complete with waterproofing and insulation beginning soon.
- Construction on the warehouse near the lake continues.
- Work continues on all three boat ramps and nearby parking lots.

The NTMWD board of directors is reviewing the draft Bois d'Arc Lake Shoreline Management Plan this month. Check out [www.BoisdArcLake.org](http://www.BoisdArcLake.org) for updates on its status.

For more information, visit [www.BoisdArcLake.org](http://www.BoisdArcLake.org)

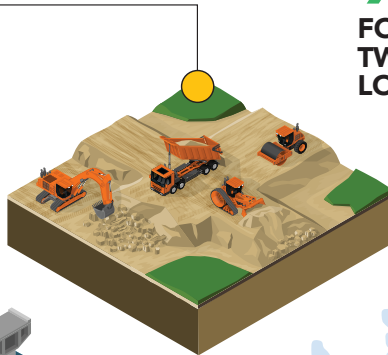


# EVERYTHING'S BIGGER IN NORTH TEXAS, INCLUDING BOIS D'ARC LAKE

There's nothing small about Bois d'Arc Lake, which is the first major water reservoir in Texas in 30 years. When completed, the lake will ensure a reliable water supply for today and tomorrow, a big ongoing boost to the local economy and big-time recreation for the entire region. Construction of this vital infrastructure is a huge undertaking and investment.

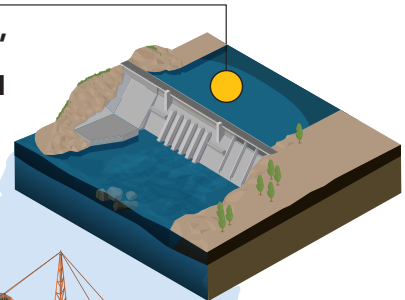
**5.2M**

**CUBIC YARDS OF  
EARTH EXCAVATED  
AND MOVED TO BUILD  
THE DAM**



**90**

**FOOT-TALL,  
TWO-MILE-  
LONG DAM**



**1.3**

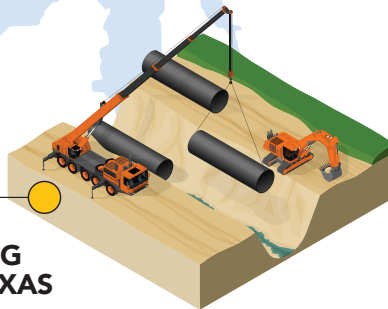
**MILE-LONG BRIDGE  
AND IMPROVEMENTS  
ON OVER 11 MILES OF  
ROADWAY**



BOIS D'ARC LAKE

**60**

**MILES OF PIPELINE  
TO PROVIDE DRINKING  
WATER TO NORTH TEXAS**



**110**

**FOOT-TALL INTAKE  
TOWER TO CAPTURE  
WATER FROM LAKE**



**NORTH  
TEXAS  
MUNICIPAL  
WATER  
DISTRICT**



**BOIS  
D'ARC  
LAKE**

The 26-square-mile Bois d'Arc Lake starts delivering drinking water to 80 North Texas communities in 2022. Visit [BoisdArcLake.org](http://BoisdArcLake.org) for more information.

## Spotlight: FM 897 Completed

The FM 897 road and bridge across the lake and all other county road repairs/additions needed for Bois d'Arc Lake will be substantially complete by the end of July. Texas Department of Transportation (TXDOT) has already had an opportunity to inspect FM 897, and NTMWD plans to turn control of the road over to TXDOT in August, which will open it for public use.



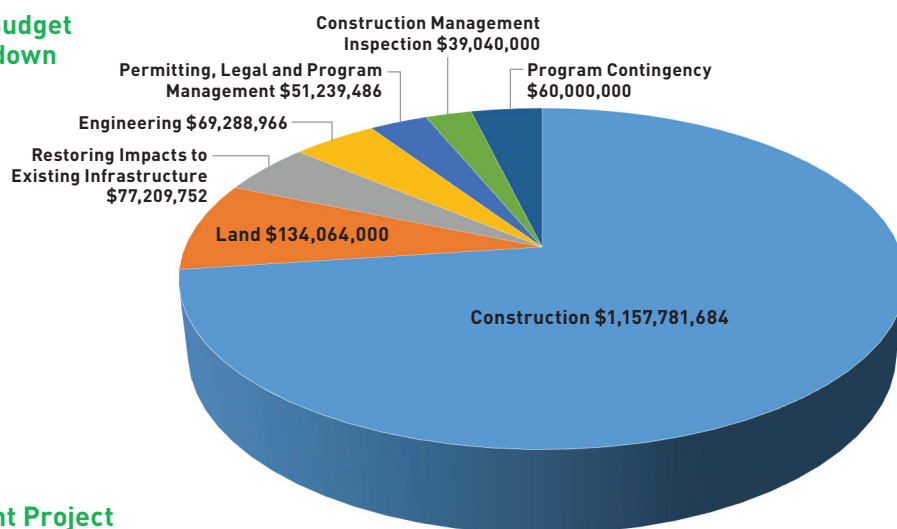
The new 1.3-mile-long FM 897 bridge

## Current Cost Summary

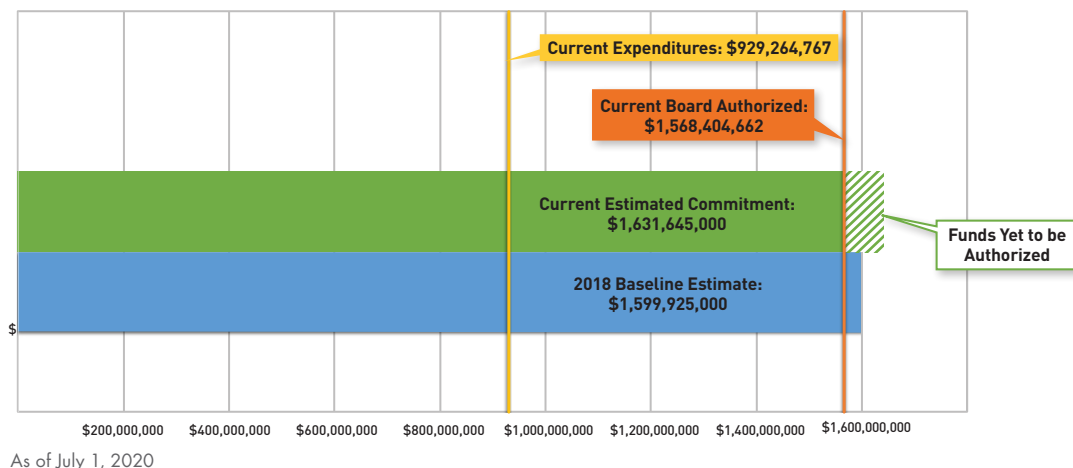
The planning, permitting, designing, land purchasing and constructing of Bois d'Arc Lake and other projects is an important investment for the future of North Texas.

**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.**

### Total Budget Breakdown



### Current Project Expenditures



# TIMELINE FOR PROJECTS

