



August 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.

- Different portions of the dam wall are almost high enough to be connected. Once connected, crews can finish adding the final 1.5 million cubic yards of earth to the dam's top.
- Slurry trench is complete across the entire embankment.
- Crews continue to pour concrete to finish the dam's spillway and last parts of the intake structure.

### FM 897 and County Roads

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

- FM 897 and all county roads are now complete and open to traffic.

### 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 Creek.

### Leonard Water Treatment Plant

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

- In addition to pouring concrete for the different treatment structures, workers are now installing electrical infrastructure. Various equipment for treatment is also beginning to arrive.

### Raw Water Pump Station and Pipeline

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

- Pump rooms are ready for electrical conduits and cabling installation and mechanical components. Installation of the pipes and pumps will begin shortly.
- Crews continue pipeline installation in three different locations, and have installed almost 70% and over 22 miles 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.

- About 40 percent of the pipe has been delivered. Crews plan to begin installing it in October.
- Work on smaller tunnels for the pipe is over halfway finished. Construction is also well underway on the large, 2500 ft. tunnel under the Trinity River.
- Crews continue to build and place concrete walls for the structure of the pump station.

### 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.

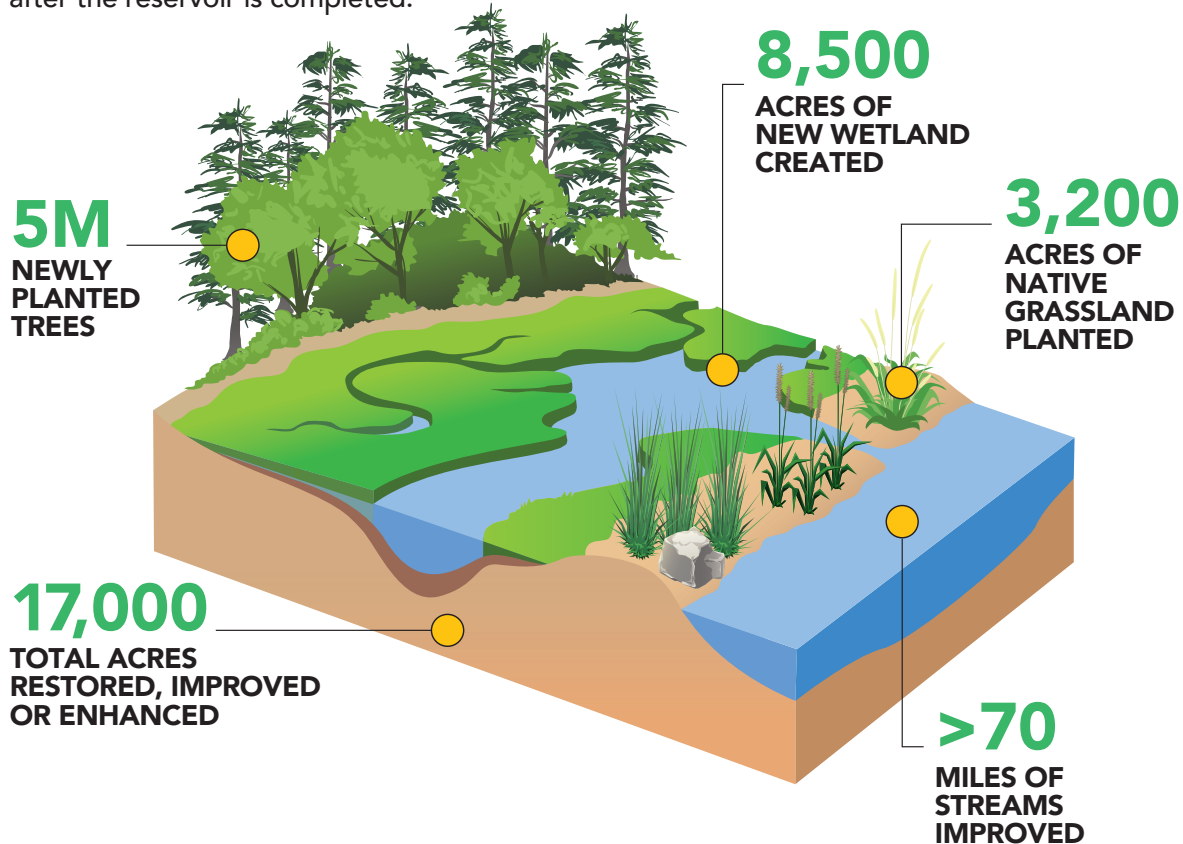
- The roofing and outside work on the Center are nearly complete.
- Construction continues on the warehouse and bunkhouse near the lake.
- Concrete has been poured for the boat ramp nearest to FM 897, and the boat dock piers have been installed.
- The other two ramps are also underway, as are nearby restrooms/parking lots.

The NTMWD Board of Directors is reviewing the draft Bois d'Arc Lake Shoreline Management Plan, and will consider approval at a future meeting. Visit [BoisdArcLake.org](https://BoisdArcLake.org) for updates.

The new FM 897 bridge is now complete, and it officially opened to public traffic this month! Take a peek at the completed project on [BoisdArcLake.org](https://BoisdArcLake.org).

## LOOK BEYOND BOIS D'ARC LAKE AND YOU'LL FIND A FOREST.

In addition to building the first lake in North Texas in nearly 30 years, North Texas Municipal Water District is following through on our commitment to honor and restore the environment after the reservoir is completed.



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

## Spotlight: Restoring Willow Branch Creek

Willow Branch Creek northeast of Bois d'Arc Lake is being restored as part of the reservoir construction project. Work includes numerous improvements to the river, nearby land and wetlands. By the end of August, crews will have finished:

- 16+ miles of stream improvements
- 18+ miles of new stream
- 1,400+ acres of improved wetlands
- 4,900+ acres of new wetlands
- 2,000+ acres of new upland and riparian forest
- 900 acres of restored native grassland



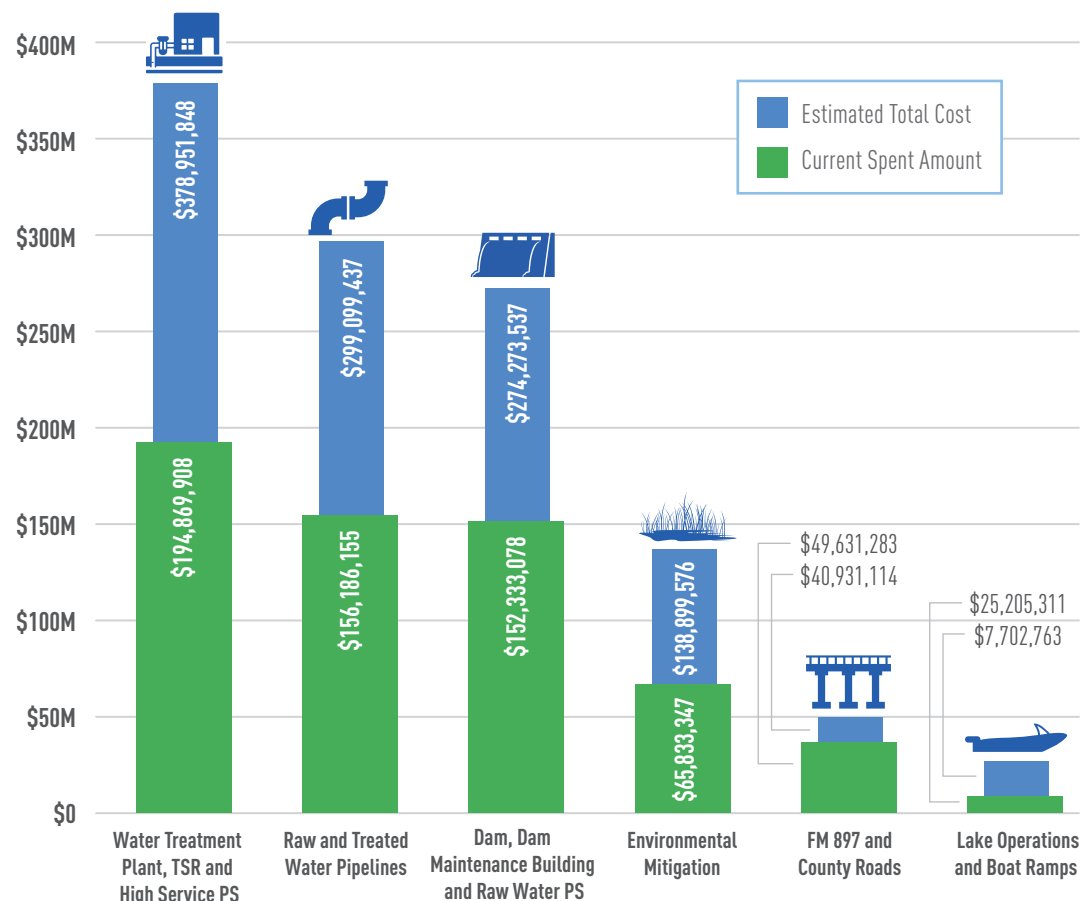
Part of Willow Branch Creek that is being revegetated and returned to its winding path.

## Current Cost Summary

Bois d'Arc Lake planning, permitting and construction is an important investment for 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.**

### Budget Status for Bois d'Arc Lake Project – By Each Part Current Amounts Spent Compared with the Estimated Total Costs\*



As of August 1, 2020 \*Figures are for construction costs only; do not include all project costs.

# TIMELINE FOR PROJECTS

