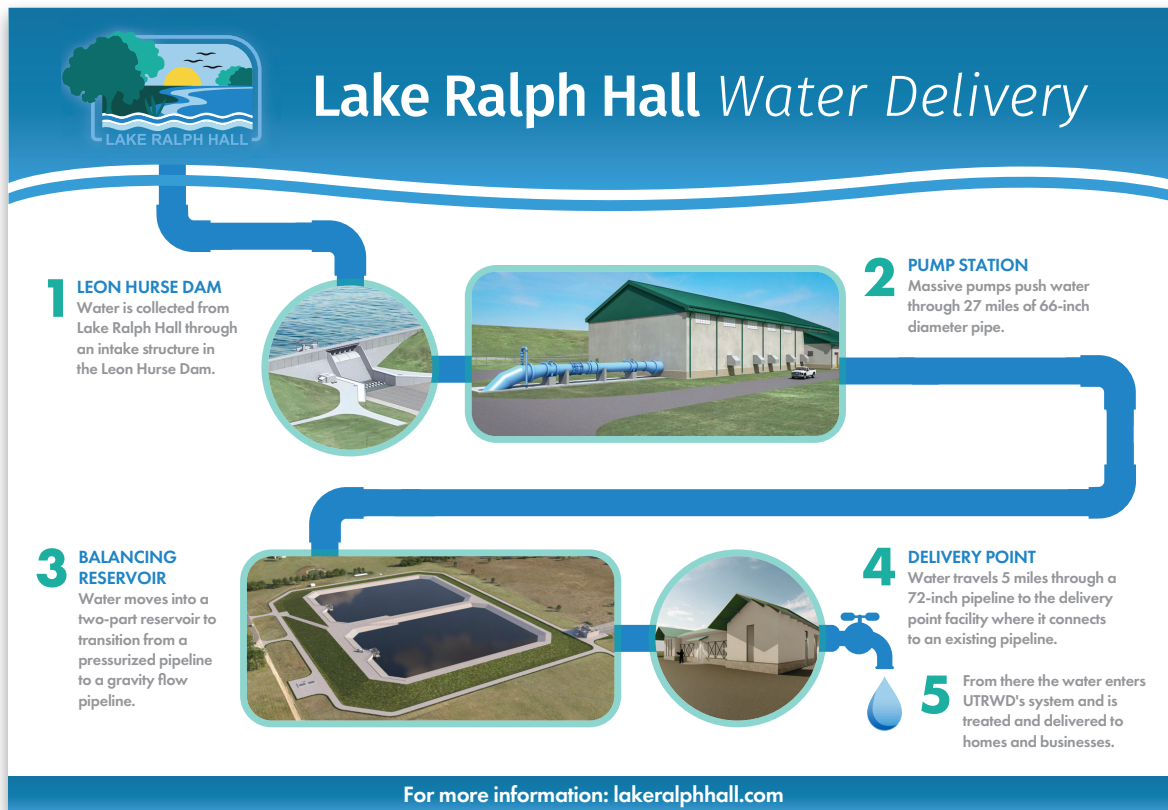


PROJECT UPDATE

Lake Ralph Hall is a special place (a natural place, a quiet place, a hospitable place) both for people and for the environment, assuring a reliable water supply for generations to come.

Delivering Water From Lake Ralph Hall



An important part of the Lake Ralph Hall project is being able to transport the reservoir's water to UTRWD's service area. Only then can it be treated and delivered to homes and businesses.

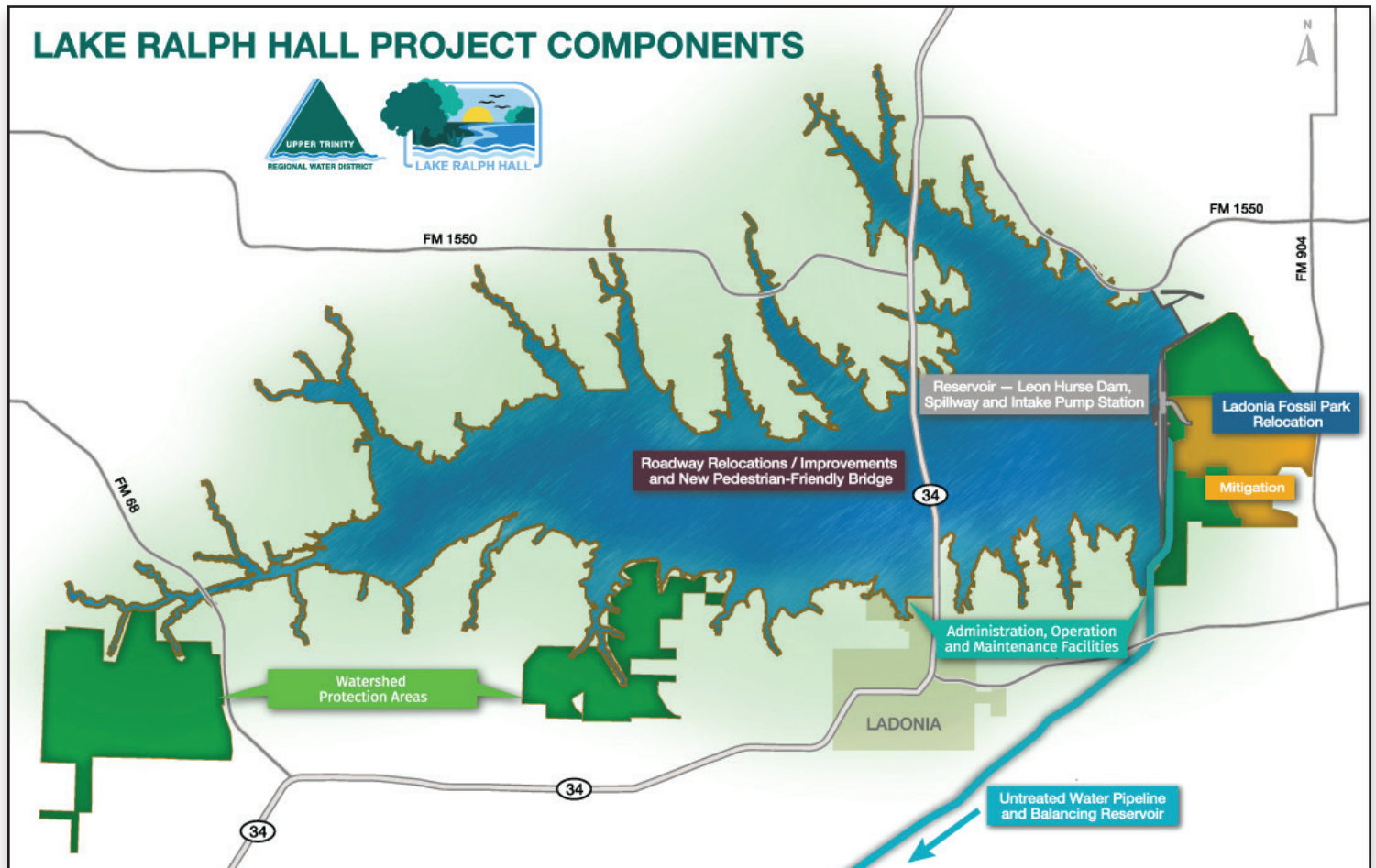
UTRWD is building approximately 32 miles of pipeline, consisting of 66-inch and 72-inch-diameter pipe to transport water from Lake Ralph Hall. This new pipeline will connect the reservoir to an existing pipeline that currently delivers water to UTRWD's system from Chapman Lake (see a map at bit.ly/3K0HpQB).

In addition, UTRWD is building a pump station, balancing reservoir and delivery point facility to guide the water on its way from Lake Ralph Hall. The lake's raw water pump

station will initially have three pumps capable of pushing 55 mil. gal./day to the balancing reservoir near the end of the pipeline. The balancing reservoir will separate the pumped and gravity-flow sections of the new pipeline, while the delivery point facility will control the water from Lake Ralph Hall into the existing Chapman Lake Pipeline.

Crews plan to start laying the new pipeline this summer and will begin to work on the other pieces soon thereafter. UTRWD will communicate with local residents and adjacent landowners to minimize road and other construction impacts wherever possible.

PROJECT COMPONENTS **UPDATE**



Reservoir, Leon Hurse Dam & Spillway

Constructing a 2.3 mile-long dam, intake pump station to pump water into the untreated water pipeline and spillway to release excess water back into the North Sulphur River.

- Around 80 construction workers are onsite placing and compacting dirt for the embankment on both ends of the dam.
- Crews have begun to clear the general lake area east of SH 34.
- Crews are pouring concrete for the spillway and dam.

Roadway and Bridge Improvements

Constructing a new pedestrian-friendly SH 34 lake bridge, relocating part of FM 1550 and improvements and closures to various county roads.

- Crews poured the last of the bridge decking for the Merrill Creek Bridge, and now they are making the final roadway connections and completing the bridge barriers.
- Construction continues on new sections of FM 1550 to accommodate the future lake shoreline. All state roadway work is scheduled to finish this spring.

Administration, Operation and Maintenance Facilities

Building facilities for the lake's day-to-day operation, management and maintenance facilities.

- Halff Associates and Freese & Nichols are currently planning/designing all lake facilities.

Pipeline

Installing a 32-mile underground pipeline and creating a balancing reservoir to provide water to Upper Trinity's water system for treatment and delivery.

- UTRWD has acquired most of the easements necessary for the pipeline, all property for the balancing reservoir and about half of the land for the delivery point facility.
- The designs for the pipeline and pump station are both nearly finished. UTRWD has purchased the pipe and begun to acquire the necessary pumps and valves to begin construction on these components in Spring/Summer of this year.

Mitigation/Watershed Protection Areas

Returning a portion of the former North Sulphur River to its natural, meandering path. Leaving other areas in their natural condition to protect water quality in the lake.

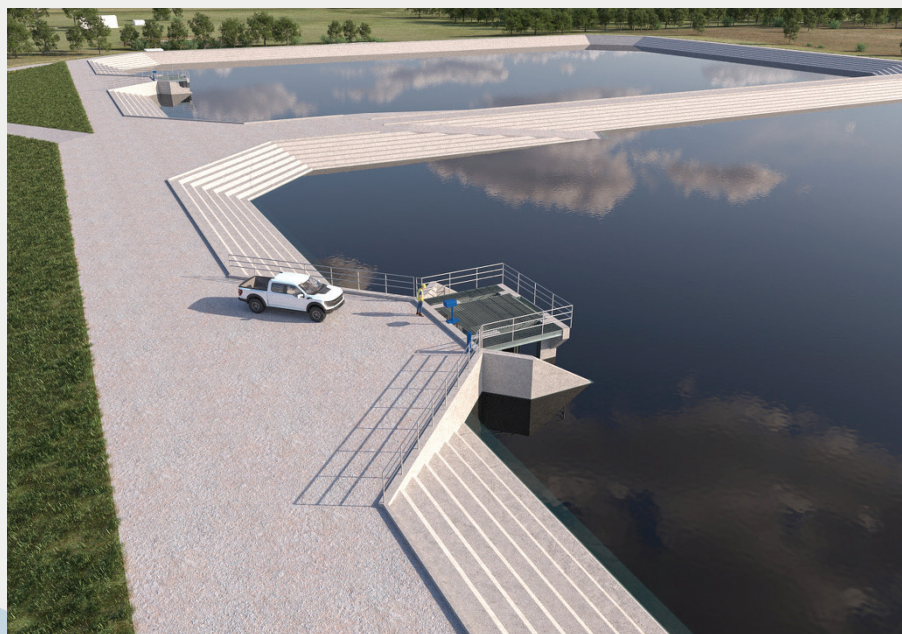
- Teams to complete the restoration are assembling and will begin construction later this spring.
- The temporary fossil park continues to attract fossil hunters.

SPOTLIGHT

Striking the Balance Between Lake and Pipe

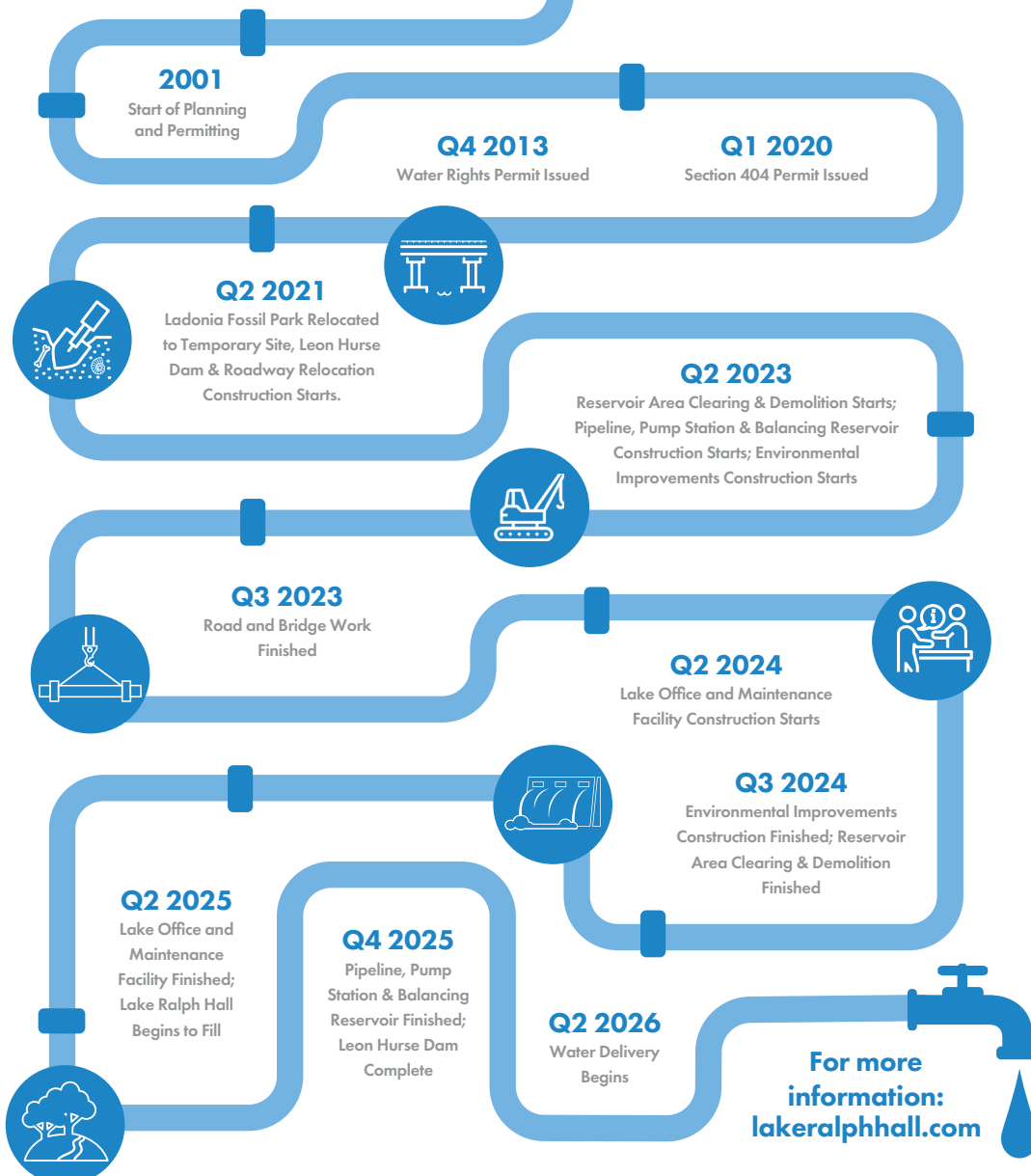
Between Lake Ralph Hall and where the raw water pipeline will connect into the existing Chapman Lake Pipeline is a component that will keep the whole water delivery process in balance—literally. The balancing reservoir will be located between the new pump station and the delivery point facility, at one of the higher points along the pipeline. It provides a separation between the pumped and gravity-flowing sections of the pipeline and will help control water flow into the Chapman Lake Pipeline.

Both sides will be able to hold around 15 million gallons and may be operated together or one at a time to allow maximum maintenance flexibility. To maintain the best water quality, the balancing reservoir will be kept at a set water level and constant flow.



Lake Ralph Hall

Project Schedule



02.2023

All dates subject to change as construction progresses