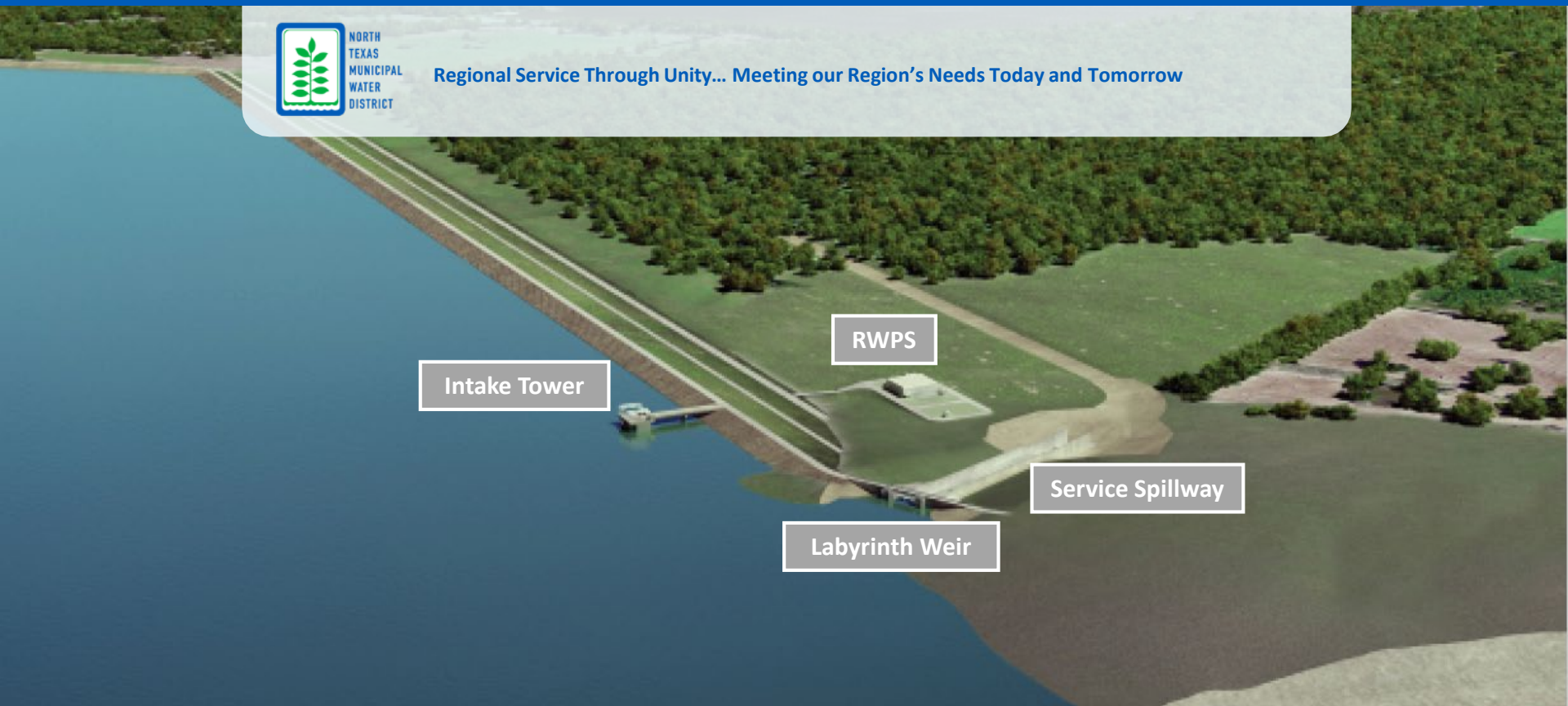




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## BOIS d'ARC LAKE UPDATE

**Fannin County Commissioners Court**

**June 9, 2020**

**Steve Long, P.E.**

**Reservoir Project Manager**



## FANNIN COUNTY COMMISSIONERS COURT UPDATE

### AGENDA

- Construction Activities / Construction Pictures
  - Archer Western – Dam & Intake Structure
    - Bois d’Arc Creek Closure Status
  - Garney Construction – Leonard Water Treatment Plant
    - Raw Water Pump Station
    - High Service Pump Station
  - Austin Bridge and Road – FM 897 and County Roads & Bridges
  - Garney Construction – Raw Water Pipeline



# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 1 – Dam and Intake Structure

- Dam activities
  - **140,000** cubic yards of embankment
  - **2,700** cubic yards of concrete in Spillway and Intake Tower

## CMAR 1 – Construction Status

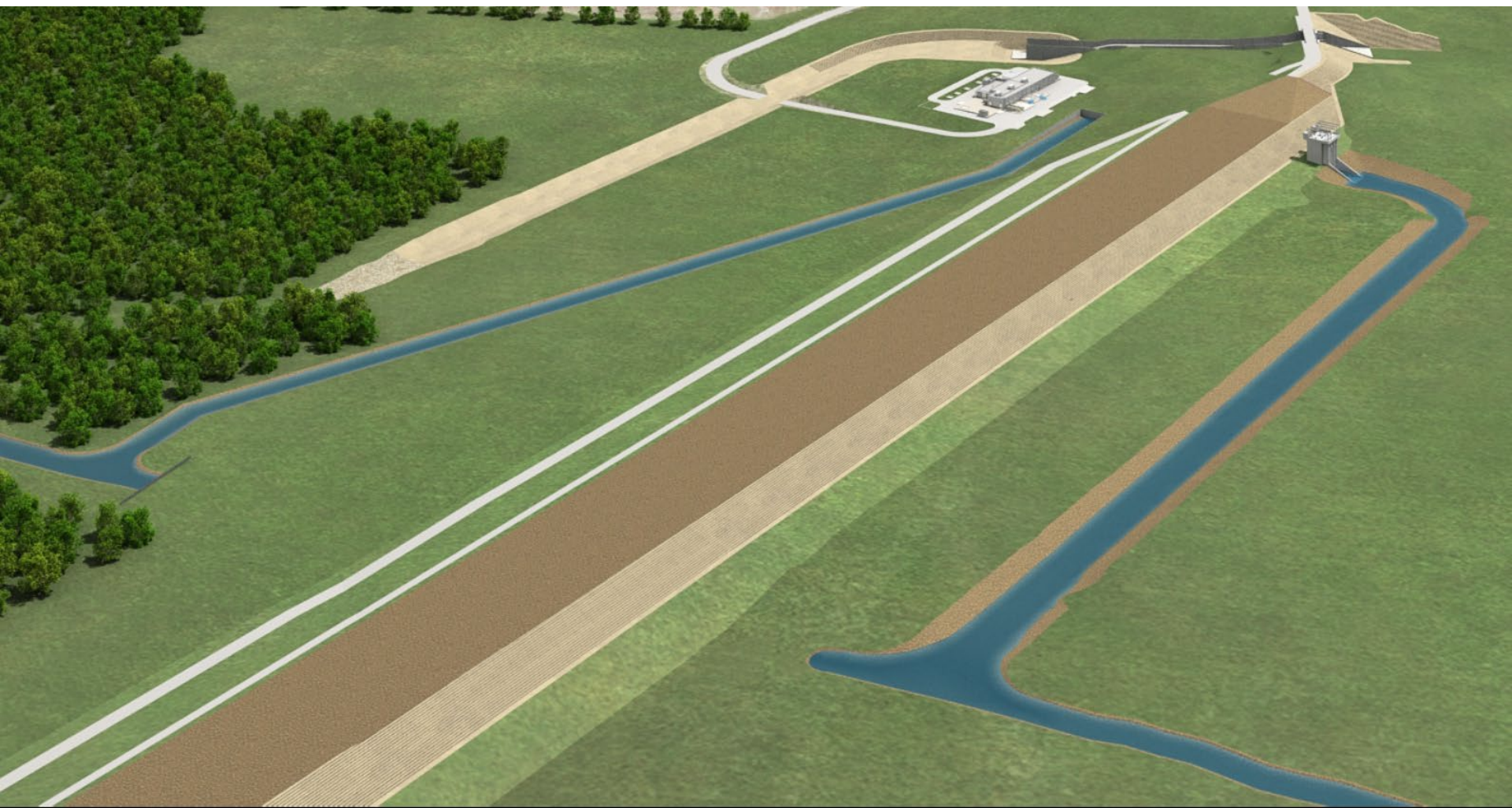
- Embankment **3,084,030** cubic yards **59%** complete
- Service Spillway Concrete **13,000** cubic yards **67%** complete
  - Includes 2 placements 1,000 cubic yards each
- Intake Tower **8,850** cubic yards **84%** complete (95 ft high; elev 549)
- Slurry Trench 488,600 square feet/89% complete – No Change
  - Subcontractor demobilized
- Reservoir Clearing 3,920 acres/90% complete – No Change
- Testing soil cement batches





# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## Bois d'Arc Creek Notch Closure







## FANNIN COUNTY COMMISSIONERS COURT UPDATE

**Bois d'Arc Creek Notch Breached (March 23, 2020)**







## FANNIN COUNTY COMMISSIONERS COURT UPDATE

### Bois d'Arc Creek Notch Closure (May 7, 2020)







# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## Bois d'Arc Creek Notch Closure (June 5, 2020)







## FANNIN COUNTY COMMISSIONERS COURT UPDATE

**Bois d'Arc Creek Dam Left Side /CR 2700 photo)**







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## FANNIN COUNTY COMMISSIONERS COURT UPDATE







## FANNIN COUNTY COMMISSIONERS COURT UPDATE

### Bois d'Arc Lake Intake







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# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## Service Spillway Labyrinth Slab







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# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## Raw Water Pump Station







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# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## Leonard Water Treatment Plant







# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## High Service Pump Station







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# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 4 – FM 897 Last Deck Concrete Placement







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# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 4 – FM 897 Bridge







# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 4 – Site 1 Ward Creek







# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 4 – Site 8A Allens Creek







# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 4 – Site 22 Onstott Creek







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# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 4 – Lake Operations Center & Warehouse







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# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 5 – Section A (Northeast of FM 1396)







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# FANNIN COUNTY COMMISSIONERS COURT UPDATE

## CMAR 5 – Section A (Northeast of FM 1396)

