NORTH TEXAS MUNICIPAL WATER DISTRICT

Regional Service Through Unity… Meeting our Region's Needs Today and Tomorrow



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

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FANNIN COUNTY COMMISSIONERS COURT UPDATE

Bois d’Arc Creek Notch Closure

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FANNIN COUNTY COMMISSIONERS COURT UPDATE

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



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FANNIN COUNTY COMMISSIONERS COURT UPDATE

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

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FANNIN COUNTY COMMISSIONERS COURT UPDATE

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

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FANNIN COUNTY COMMISSIONERS COURT UPDATE

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

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FANNIN COUNTY COMMISSIONERS COURT UPDATE

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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

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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

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FANNIN COUNTY COMMISSIONERS COURT UPDATE

CMAR 4 – Site 1 Ward Creek

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FANNIN COUNTY COMMISSIONERS COURT UPDATE

CMAR 4 – Site 8A Allens Creek

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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

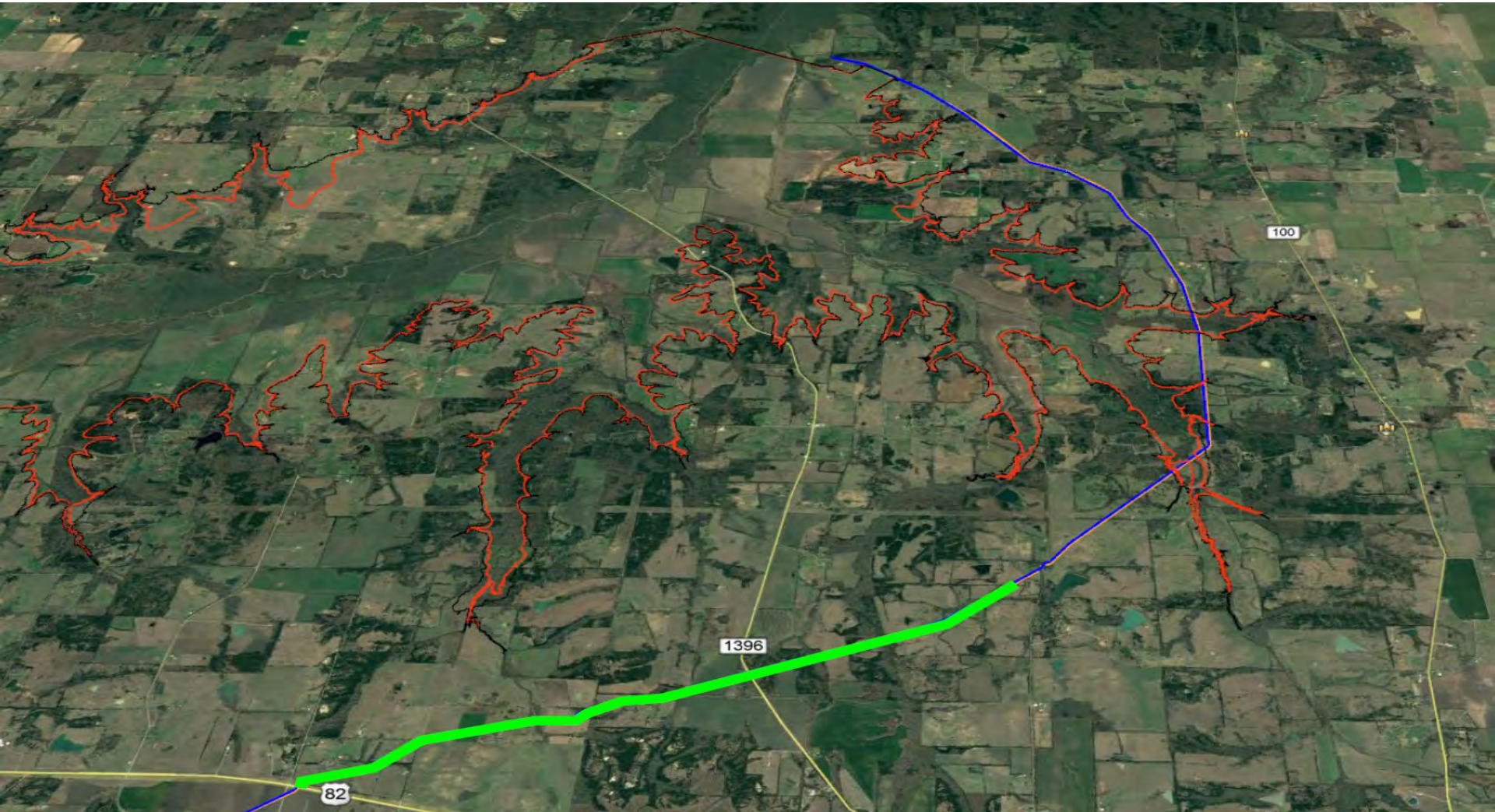
CMAR 5 – Section A (Northeast of FM 1396)

NORTH TEXAS MUNICIPAL WATER DISTRICT



FANNIN COUNTY COMMISSIONERS COURT UPDATE

CMAR 5 – Section A (Northeast of FM 1396)



NORTH TEXAS MUNICIPAL WATER DISTRICT

