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

August 4, 2020

Steve Long, P.E.

Reservoir Project Manager

NORTH TEXAS MUNICIPAL WATER DISTRICT



BOIS D'ARC LAKE UPDATE

Agenda

- Pre-impoundment Items Status
- FM 897 Status
- Lake Operations Center
- Fannin County Roads and Bridges
- Dam Construction Update
- Raw Water Pipeline Construction Update

NORTH TEXAS MUNICIPAL WATER DISTRICT



BOIS D'ARC LAKE UPDATE

Program Component	Pre-Impoundment Items Status
Archeology	
Boat Ramps	
Clearing	
Dam	
Program Coordination	
Raw Water Pipeline	
Utility Coordination	

Critical Coordination Required – Little schedule float; Near Impact to Impoundment Date

Effort on Schedule

Complete – Ready for Impoundment

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BOIS D'ARC LAKE UPDATE

FM 897 Bridge

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BOIS D'ARC LAKE UPDATE

FM 897 Bridge

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BOIS D'ARC LAKE UPDATE

FM 897 Bridge

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BOIS D'ARC LAKE UPDATE

Lake Operations Center & Warehouse

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BOIS D'ARC LAKE UPDATE

CR 2900 – Onstott Creek



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BOIS D'ARC LAKE UPDATE

CR 2900 – Onstott Creek

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BOIS D'ARC LAKE UPDATE

CR 2750 – Allen's Creek

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BOIS D'ARC LAKE UPDATE

CR 2750 – Allen's Creek

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FANNIN COUNTY COMMISSIONERS COURT UPDATE

CMAR 1 – Dam and Intake Structure

- Dam activities
  - **250,000** cubic yards of embankment
  - **1,700** cubic yards of concrete in Spillway and Intake Tower

CMAR 1 – Construction Status

- Embankment, **3,620,000** cubic yards/**65**% complete
- Service Spillway Concrete **16,800** cubic yards/**78**% complete
- Intake Tower **9,100** cubic yards/**87**% complete (95 ft high; elev 549)
- Slurry Trench 488,600 square feet/89% complete – No Change
  - Subcontractor **remobilized**
- Reservoir Clearing 3,920 acres/90% complete – No Change
- Soil cement placement

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BOIS D'ARC LAKE UPDATE

Dam Embankment – Bois d'Arc Creek Notch

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BOIS D'ARC LAKE UPDATE

Dam Embankment – Bois d'Arc Creek Notch

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BOIS D'ARC LAKE UPDATE

Intake Tower, Service Spillway, Raw WPS

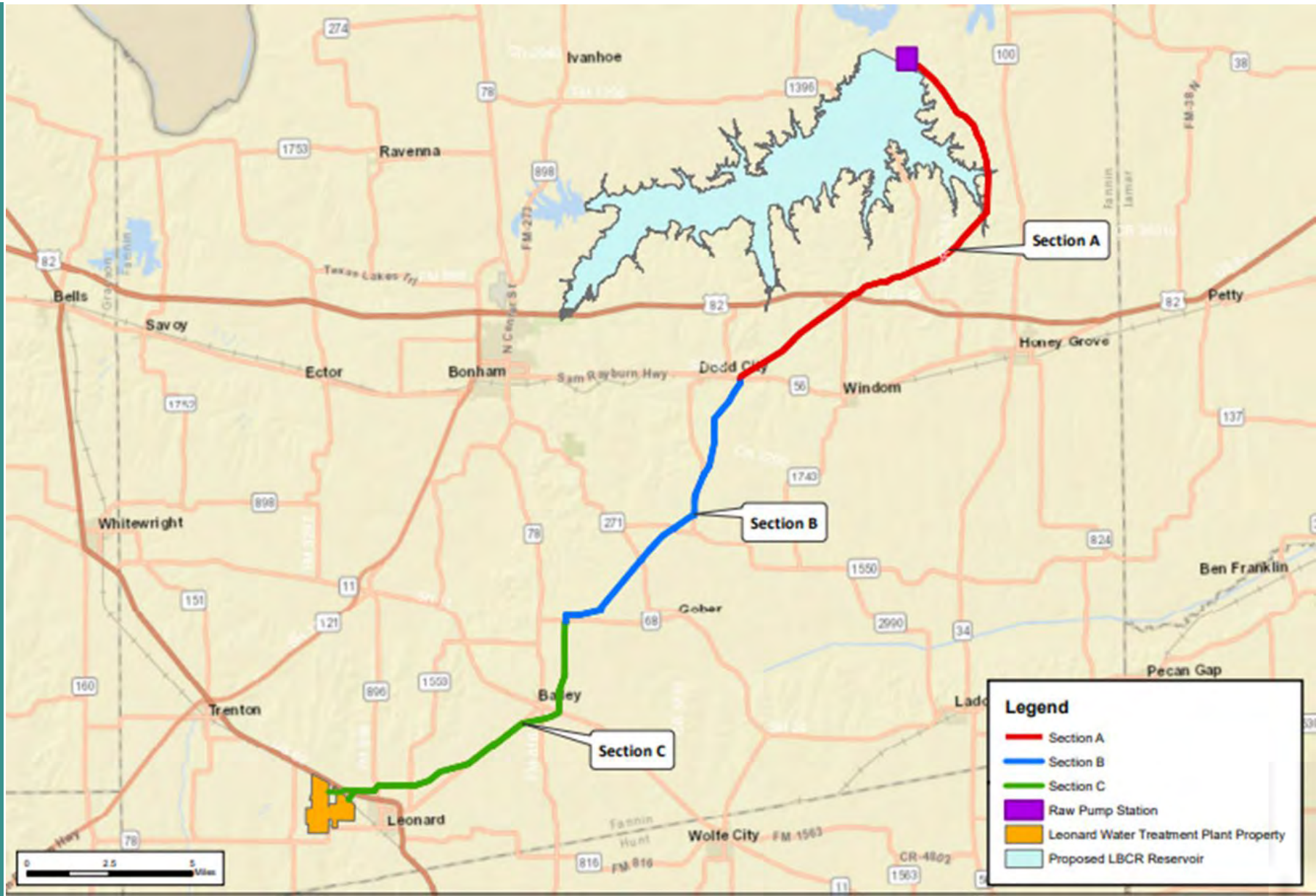
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BOIS D'ARC LAKE UPDATE

Intake Tower, Service Spillway, Raw WPS

BOIS D'ARD LAKE - RAW WATER PIPELINE

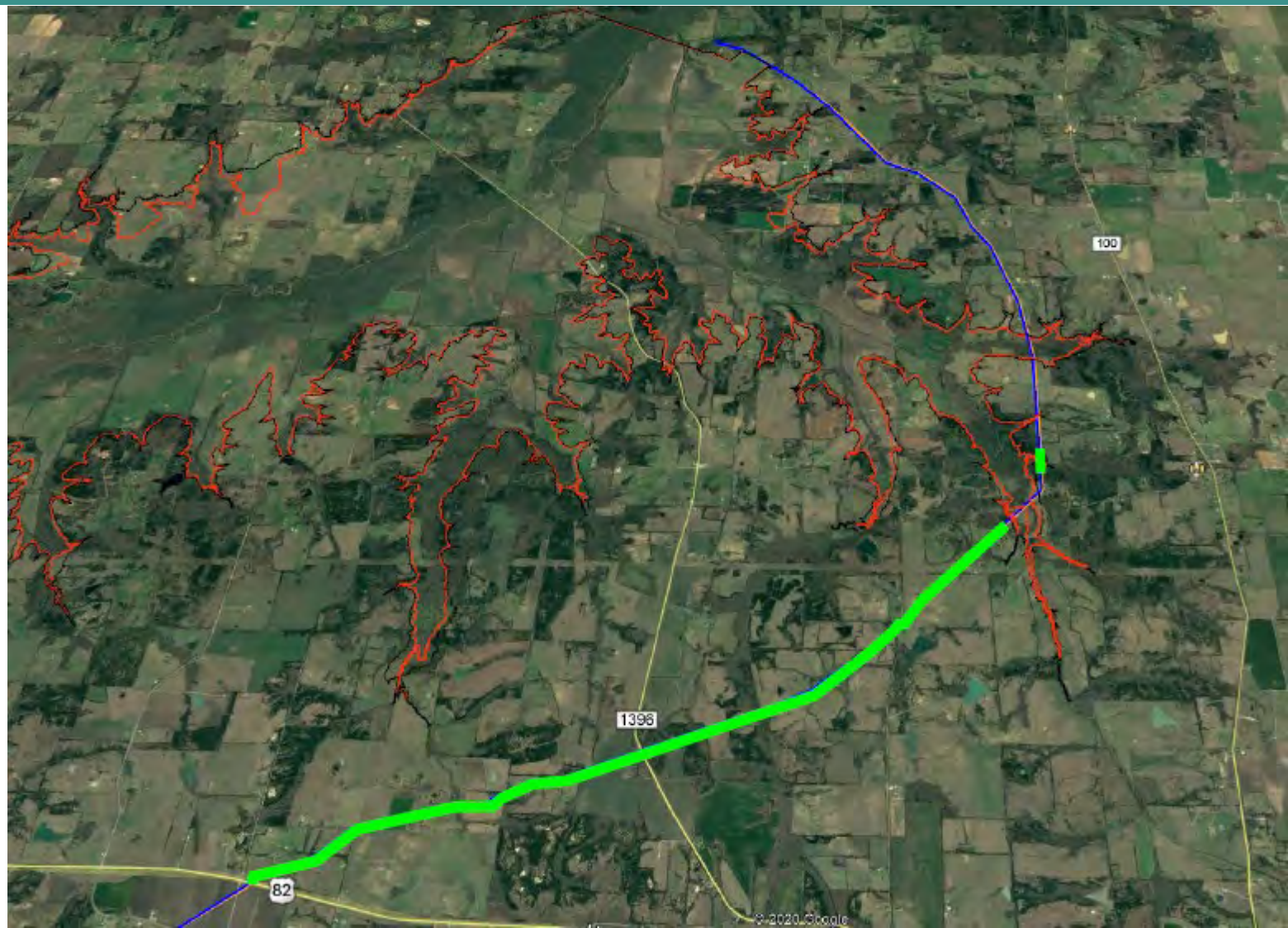


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BOIS D'ARC LAKE UPDATE

Bois d'Arc Lake Raw Water Pipeline Section A



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BOIS D'ARC LAKE UPDATE

Bois d'Arc Lake Raw Water Pipeline Section A

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BOIS D’ARC LAKE UPDATE

Bois d’Arc Lake Raw Water Pipeline Section A



NORTH TEXAS MUNICIPAL WATER DISTRICT



BOIS D'ARC LAKE UPDATE

Bois d'Arc Lake Raw Water Pipeline Section B



NORTH TEXAS MUNICIPAL WATER DISTRICT



BOIS D'ARC LAKE UPDATE

Bois d'Arc Lake Raw Water Pipeline Section B



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BOIS D'ARC LAKE UPDATE

Bois d'Arc Lake Raw Water Pipeline Section C



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BOIS D'ARC LAKE UPDATE

Bois d'Arc Lake Raw Water Pipeline Section C



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