

# ***Fort Worth District***

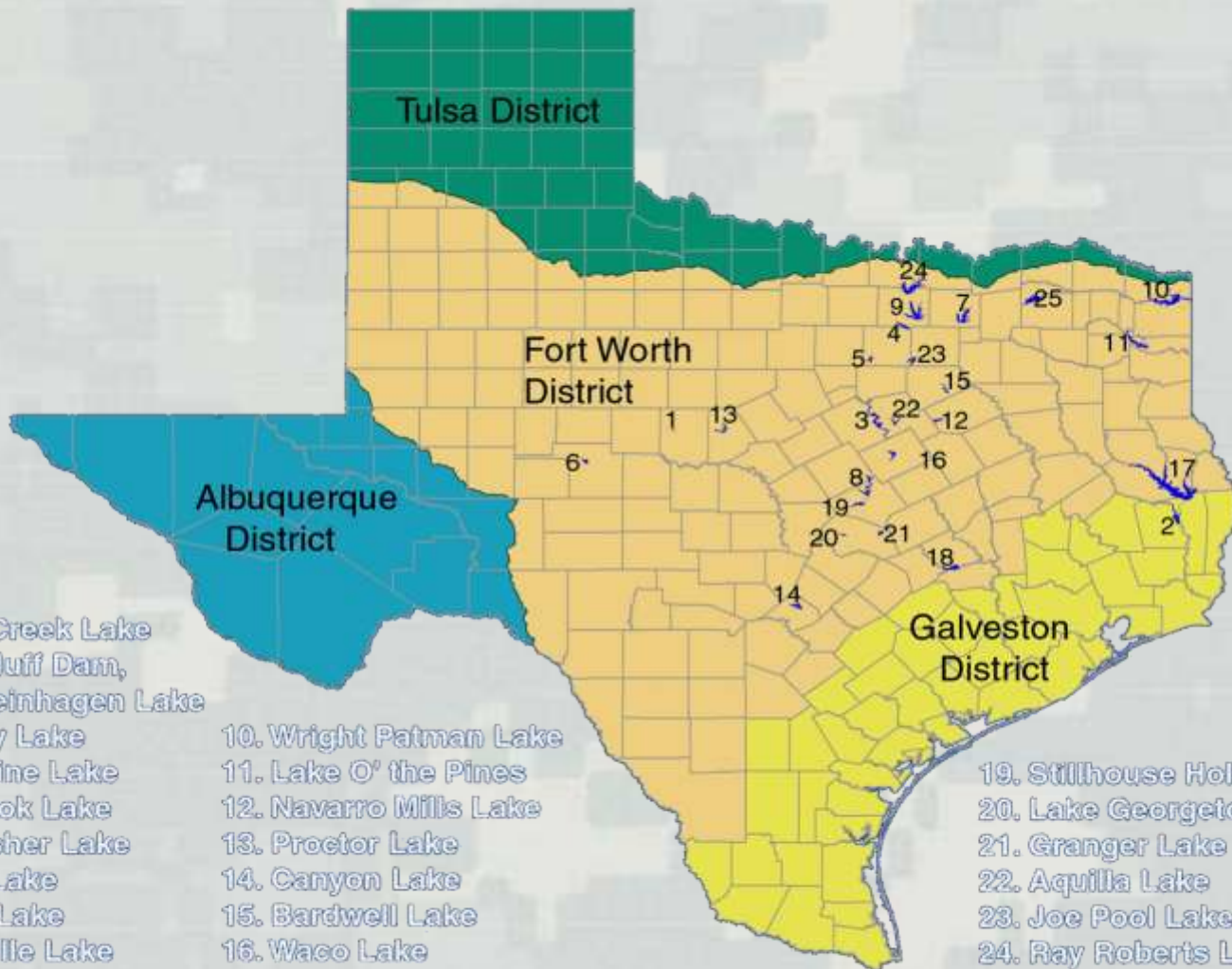
***Red River Valley Association***

***22<sup>nd</sup> Annual Conference***

***May 30<sup>th</sup>, 2018***



# Civil Works Boundaries



- 1. Hords Creek Lake
- 2. Town Bluff Dam,  
B.A. Steinhagen Lake
- 3. Whitney Lake
- 4. Grapevine Lake
- 5. Benbrook Lake
- 6. O.C. Fisher Lake
- 7. Lavon Lake
- 8. Belton Lake
- 9. Lewisville Lake

- 10. Wright Patman Lake
- 11. Lake O' the Pines
- 12. Navarro Mills Lake
- 13. Proctor Lake
- 14. Canyon Lake
- 15. Bardwell Lake
- 16. Waco Lake
- 17. Sam Rayburn Reservoir
- 18. Somerville Lake

- 19. Stillhouse Hollow Lake
- 20. Lake Georgetown
- 21. Granger Lake
- 22. Aquilla Lake
- 23. Joe Pool Lake
- 24. Ray Roberts Lake
- 25. Jim Chapman Lake  
and Cooper Dam



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# ***Fort Worth District Civil Works Program***

<b>Fort Worth District Civil Works Program</b>	<b>Fiscal Year 2018 Workplan</b>	<b>Fiscal Year 2018 President's Budget</b>	<b>Fiscal Year 2019 Budget</b>
<b>Investigations</b>	<b>TBD</b>	<b>\$0</b>	<b>0</b>
<b>Construction</b>	<b>TBD</b>	<b>\$0</b>	<b>\$55,000,000</b>
<b>Operations and Maintenance</b>	<b>TBD</b>	<b>\$90,375,000</b>	<b>\$114,907,000</b>



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# ***Fort Worth District Lakes within the Red River Basin***

<b>Fort Worth District Lakes</b>	<b>Fiscal Year 2017 Obligations</b>	<b>Fiscal Year 2018 Anticipated Obligations</b>	<b>Fiscal Year 2019 President's Budget</b>
<b>Jim Chapman Lake</b>	<b>\$1,624,000</b>	<b>\$1,975,000</b>	<b>\$1,895,000</b>
<b>Lake O' the Pines</b>	<b>\$4,210,000</b>	<b>\$4,041,000</b>	<b>\$4,159,000</b>
<b>Wright Patman Lake</b>	<b>\$3,371,000</b>	<b>\$3,958,000</b>	<b>\$5,418,000</b>

FY 18 Significant Maintenance: WP Design/repair of embankment erosion (ongoing over several years).

FY19 includes \$1.5M Gate Repair at WP





AFTER

Wright Patman – (Embankment Crest Road)



BEFORE



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# ***Civil Works Non-O&M Activities Red River Tributaries***

- ***Cypress Bayou Watershed PAS Study 2018***
  - ***Focuses on environmental flows, Riverware modeling, and monitoring the environmental impacts. Modeling workshop held 8-10 May.***
  - ***\$900K effort, 2 years, cost shared 50/50 with NETMWD as contributing partner***
  - ***Multiple entities: NETMWD, CLI, TPWD, Nature Conservancy, FWS, USGS, and others***



# ***Civil Works Non-O&M Activities Red River Tributaries***

- ***Sulphur River Basin Feasibility Study***
  - ***Focuses on reallocation of storage at Wright Patman Reservoir.***
  - ***Currently working to a Tentatively Selected Plan Milestone in 2018.***



# ***Sulphur River Basin Study***

- **Feasibility Cost Share Agreement (FCSA)**
  - ***Agreement between Government and Sulphur River Basin Authority – originally executed 24 February 2005.***
  - ***Cost share for study is 50/50.***
  - ***Study is limited to 3 years and \$3,000,000, unless an Exemption is granted. A Request for Exemption will be pursued after the Agency Decision Milestone is completed.***
  - ***Dam Safety Analysis being incorporated into the study, current completion of the study is estimated in late 2020.***





# ***Sulphur River Basin Study***

- **The Sulphur River Basin is one of the only areas within Texas with a potential for significant additional water supply.**
- **Proposed Reallocation of flood storage to water supply in Wright Patman is a viable alternative.**
- **Considerations include environmental impacts, cultural resources, and dam safety.**
- **Will not meet all water supply needs requested by the interested water providers.**
- **Will require Congressional Authorization, due to significance.**
- **Tentatively Selected Plan is tentatively scheduled for 2018.**



# **CONTACT INFORMATION**

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