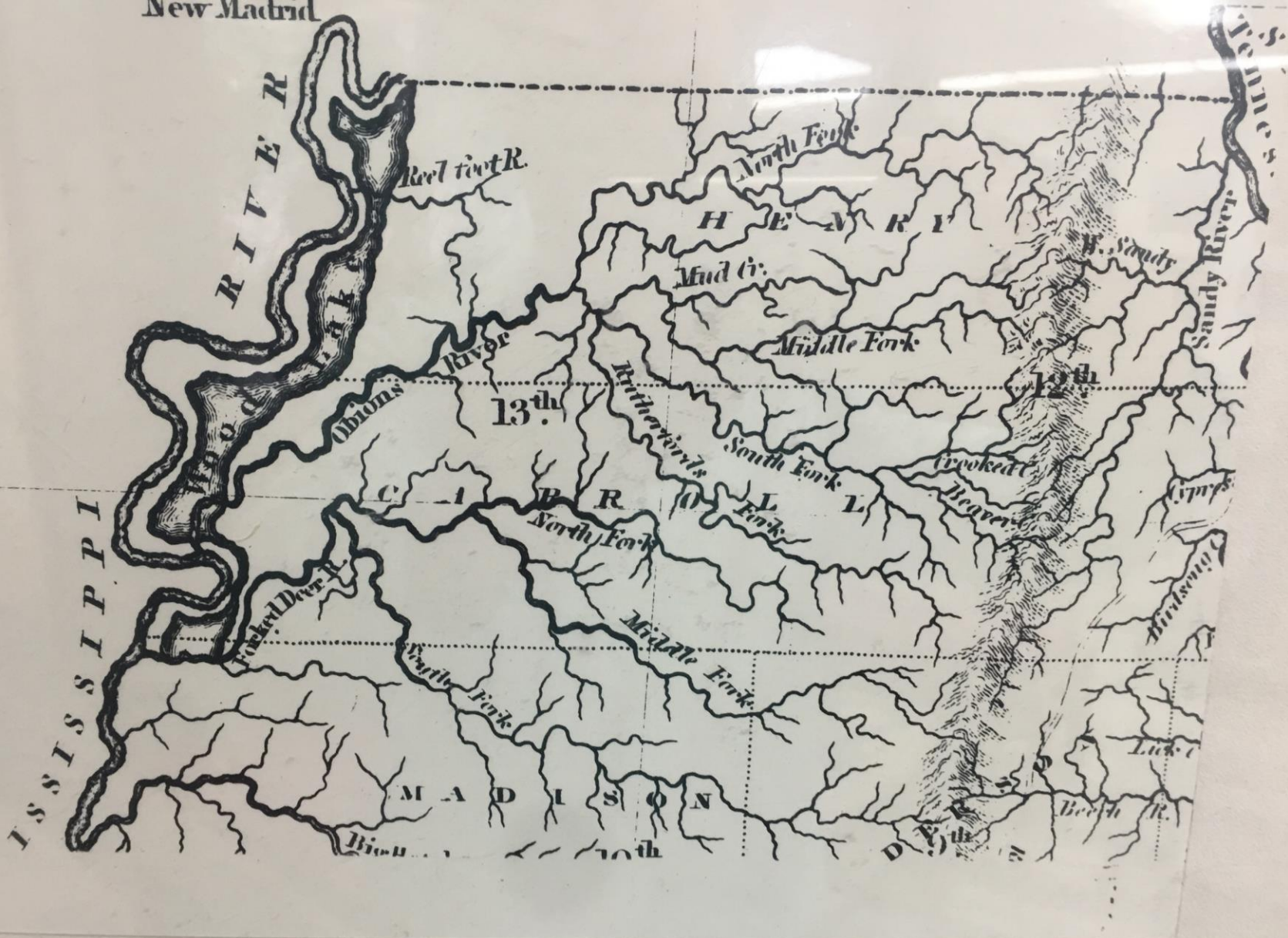




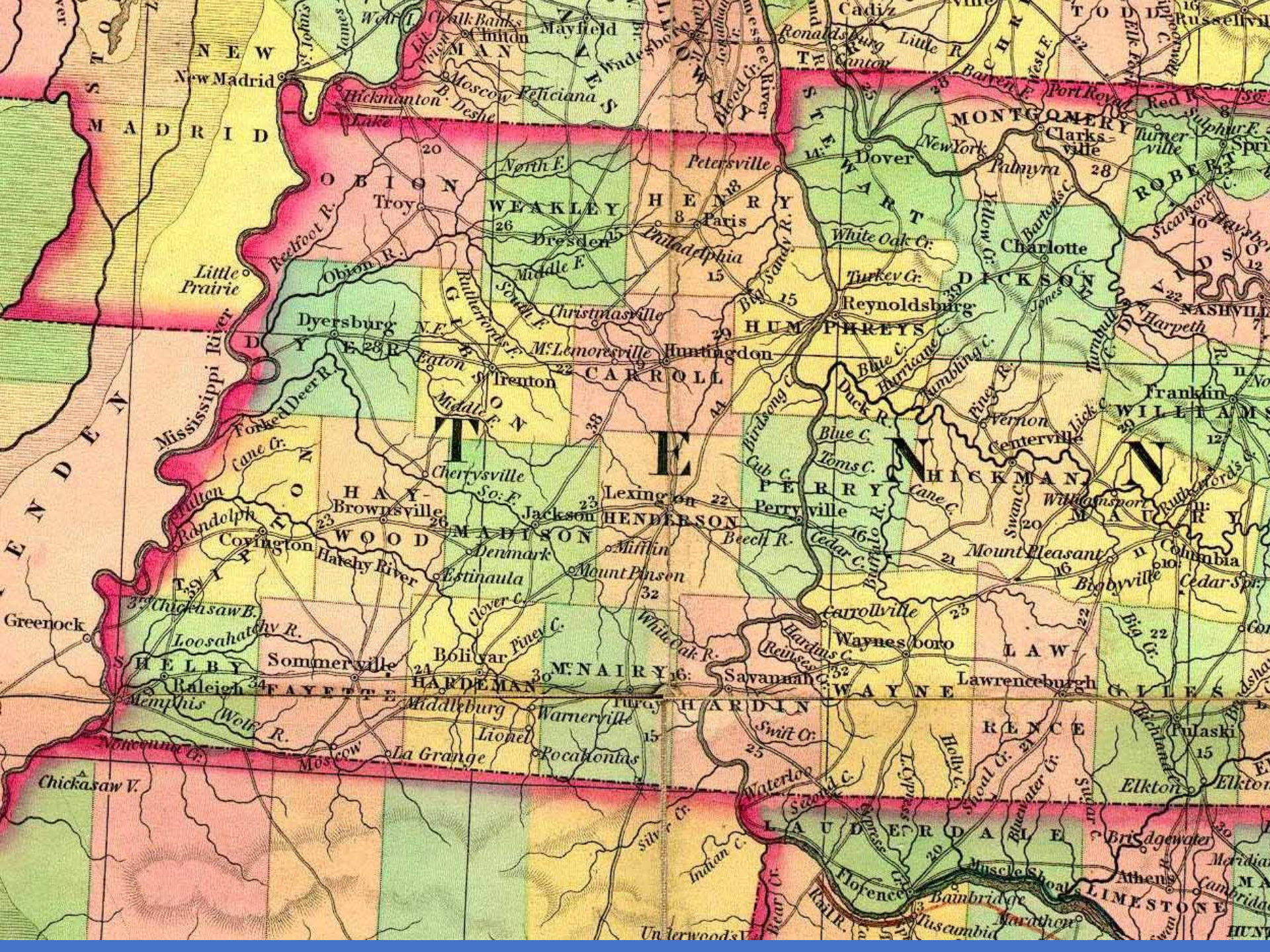
Water Education and Training Center

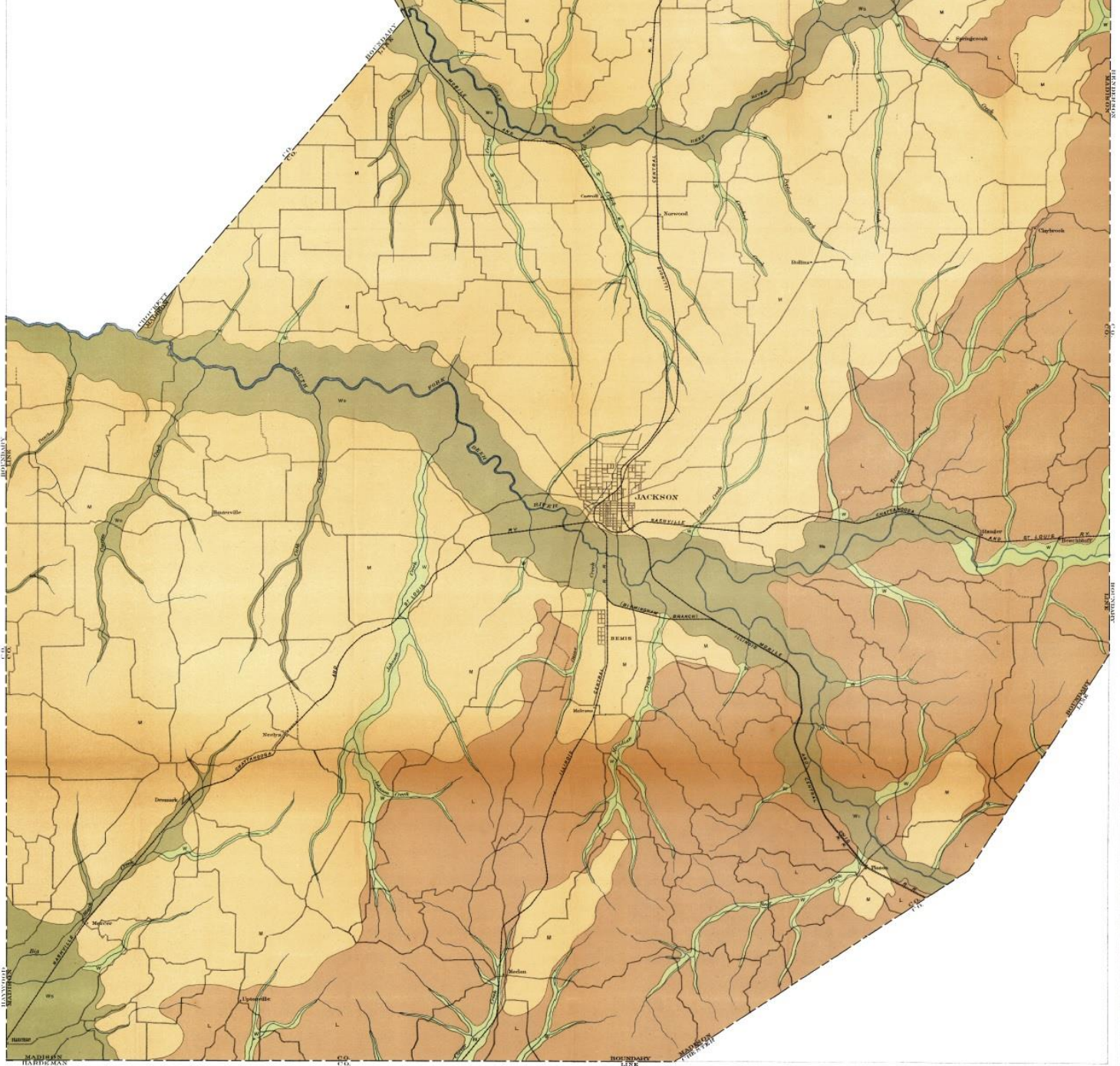
David Blackwood PE, Director

New Madrid



STATE OF TENNESSEE
 By T. Lucas, Jr., 1822





Scale Surveyed by
 W.S. Lyman, Frank Bennett and H.C. Lee
 1896.



Field Diagrams
 Bureau of Soils
 1914





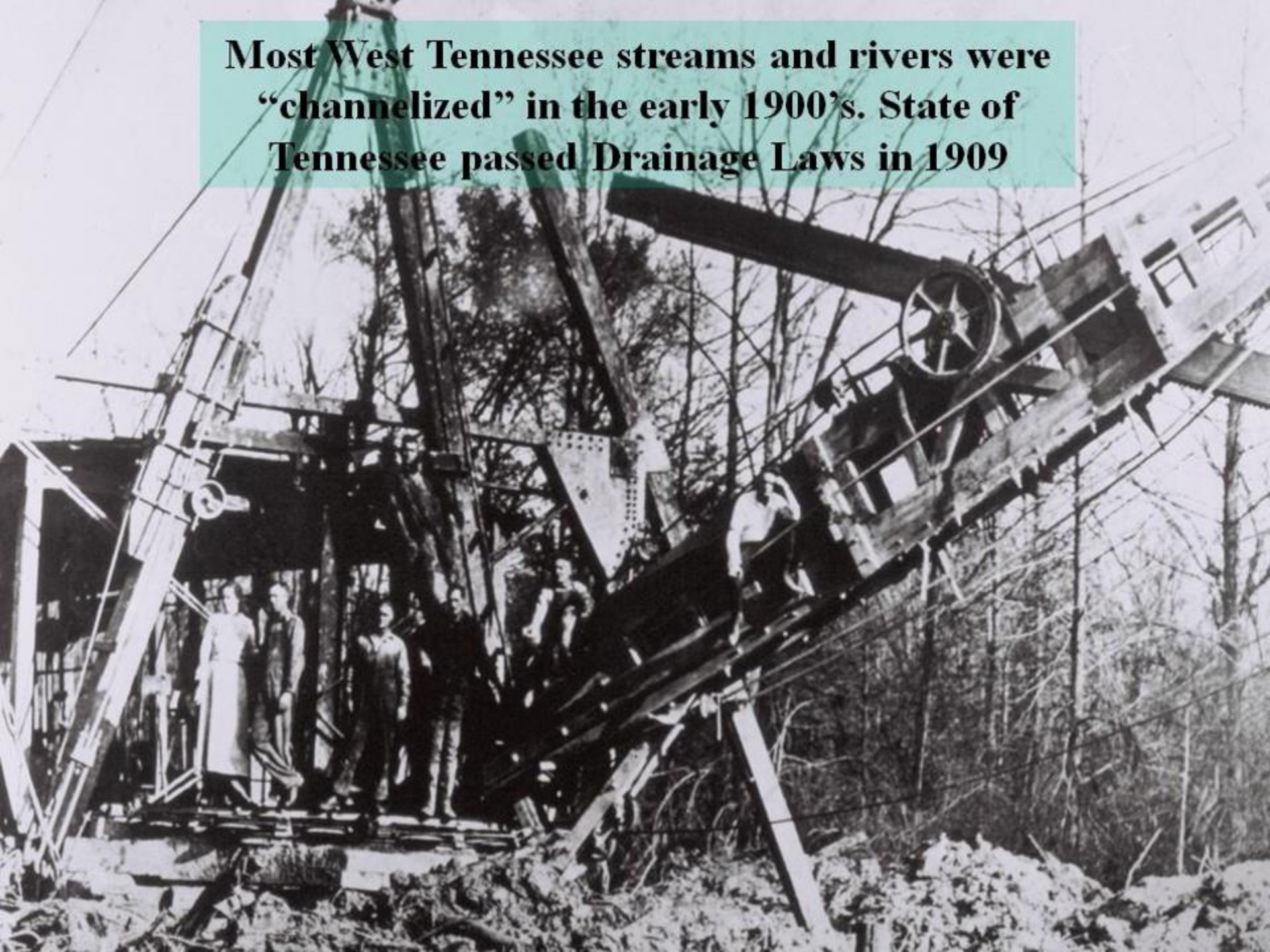




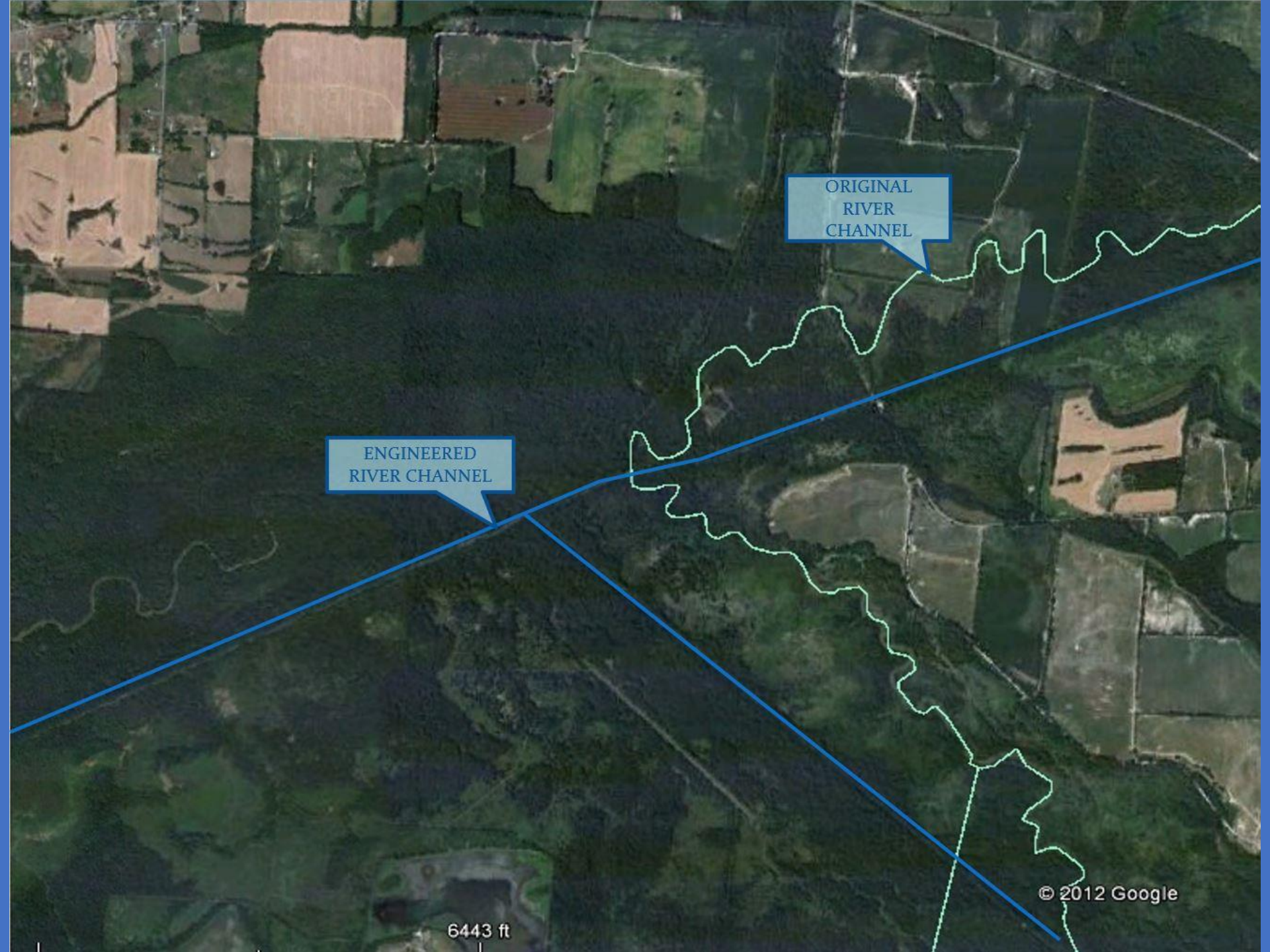
25786



Most West Tennessee streams and rivers were “channelized” in the early 1900’s. State of Tennessee passed Drainage Laws in 1909







ORIGINAL
RIVER
CHANNEL

ENGINEERED
RIVER CHANNEL

6443 ft

© 2012 Google

























Flooding and Stormwater Annual Costs Statewide

Presidential Flood Declarations, 1998-2017



| | |
|--|---------------|
| 1. Average Flood Disaster Impact | \$240M |
| 2. Infrastructure Deferred Maintenance | \$316M |
| 3. <u>Utility Conflicts</u> | \$ 31M |
| Total: | \$587M |

- 1) TACIR, 2018
- 2) Bhuyain, Et. Al. 2022
- 3) Common Ground Alliance, 2021 Analytics

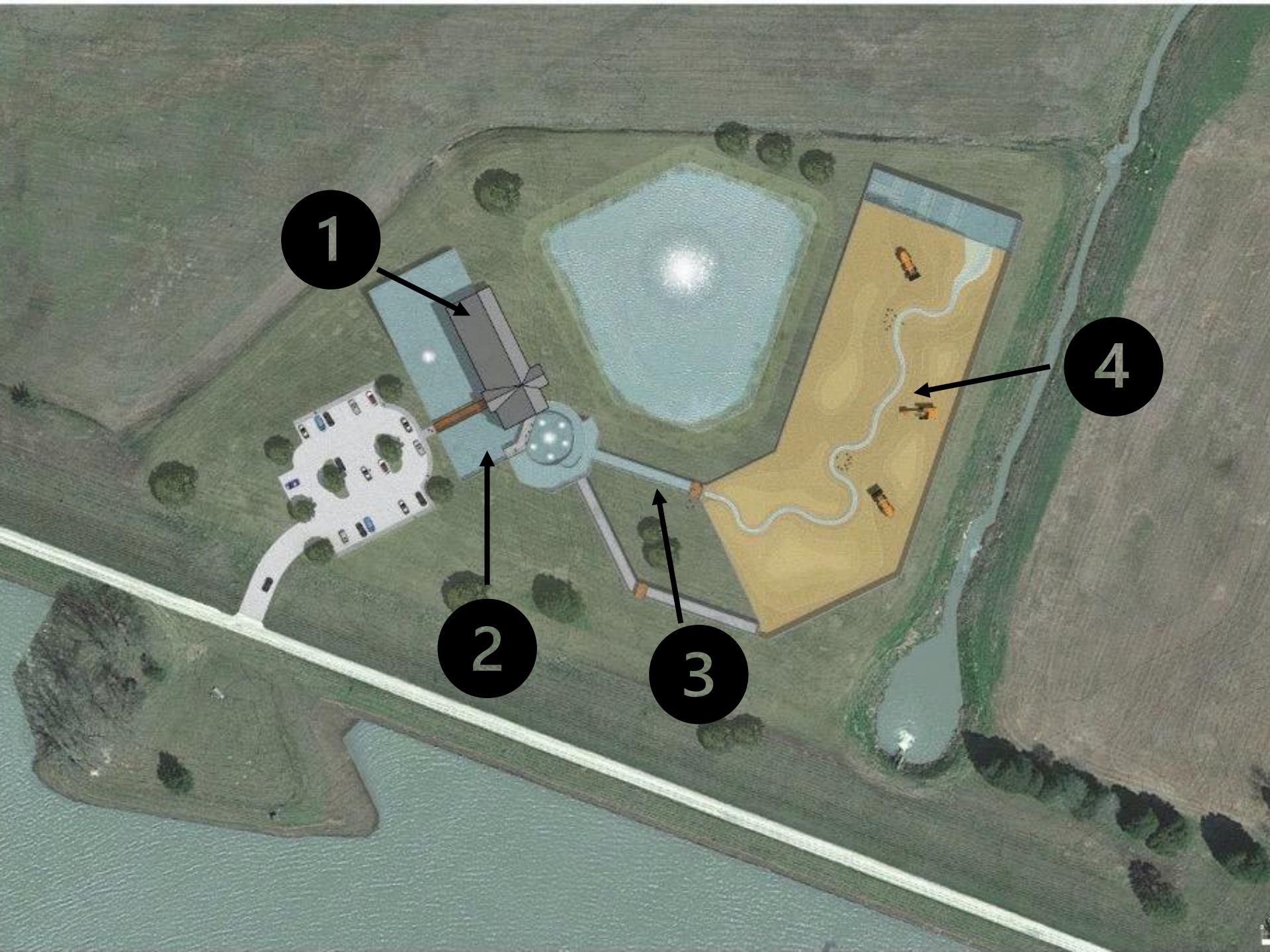


Blue Oval City



Building Statewide Resiliency

Water Education and Training Center
University of Tennessee's Lone Oaks Farm
Hardeman County



1

2

3

4

INFRASTRUCTURE
MAINTENANCE







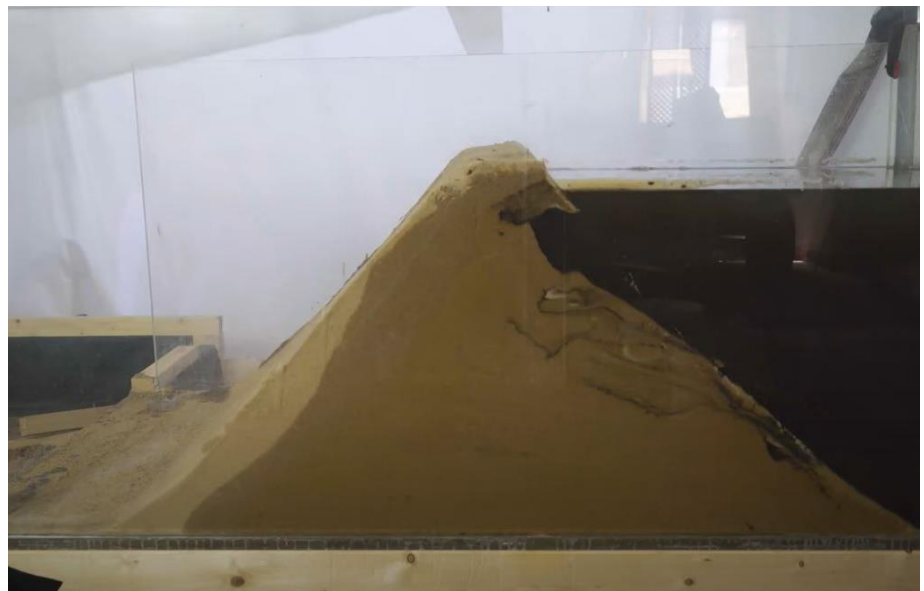




EDUCATION









CRISAFULLI

EMERGENCY RESPONSE

ROAD CLOSED
TO
THRU TRAFFIC





Swift Water Rescue Training

The New York State Preparedness Training Center



0:14 / 1:34

 Homeland Security
and Emergency Services





PUBLIC POLICY





90 YEARS

90 YEARS

90 YEARS

90 YEARS

CAUTION
SOME PARTS OF THIS PROPERTY
MAY BE UNSTABLE
DO NOT TOUCH
OR DISTURB ANYTHING
WHICH IS MARKED
UNLESS YOU ARE
AUTHORIZED TO DO SO

W
P





- Stations
- ing Sports Complex
- Building Complex
- /Farm Center
- mp
- Education Center

JOIN US!

Email: Paige.Keith@tn.gov

Subject: **WET CENTER COLLABORATION**