# & Construction Camp 2022

Vicksburg, Mississippi

June 12-18, 2022

#### About Me































### Thank you!!!

#### Why Vicksburg?

- Engineering capital of the World
- Largest amount of engineering PHDs per capita in the country
- Mississippi River
- Corps of Engineers
- Engineering facilities







#### Camp Set Up

- Teams
- Housing
- Daily Schedule
- Competition
- Scoring







#### Day 1: Sunday

- Arrival
- My team
- My counselors
- First activities









#### Day 2: Monday

- Tour of the Vicksburg
  Military Park and Civil
  War Memorial
- Concrete Labs











#### Day 3: Tuesday

- Bridge construction
- Traffic engineering
- AR and VR in engineering
- Straw bridge design: BIG BERTHA!











#### Day 4: Wednesday

- Different devices used in engineering
- Helicopter
- Military Exercise





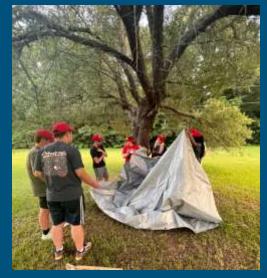
















#### Day 5: Thursday

- Placing concrete and asphalt
- Boat simulator
- Environmental engineering
- Erosion simulation

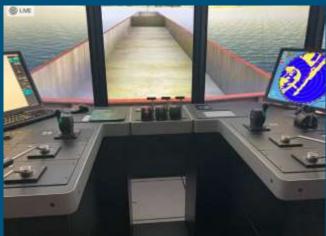












#### Day 6: Friday

- Naval engineering on a Mississippi river boat
- Mississippi river museum
- Preserved 1950's boat











#### Day 7: Saturday

- Testing the concrete
- Final awards
- Winners!







## Things from the Camp

### Questions?

















