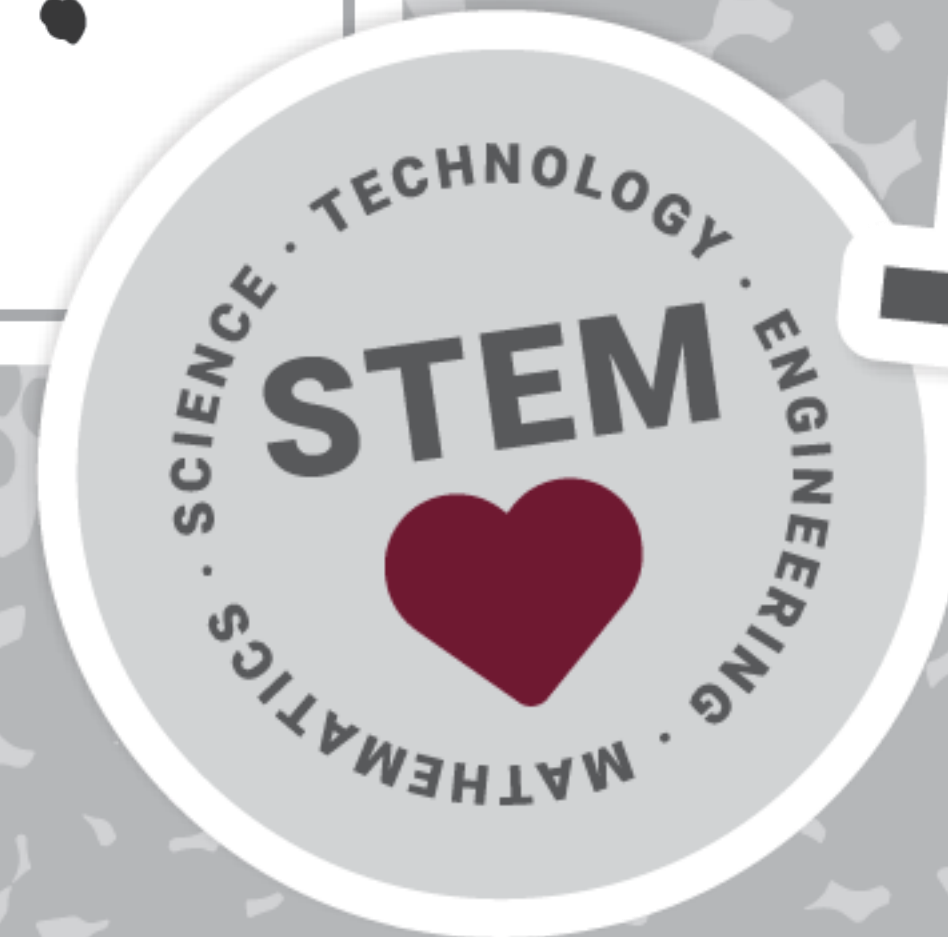




Engineering
is #1 in FUN!

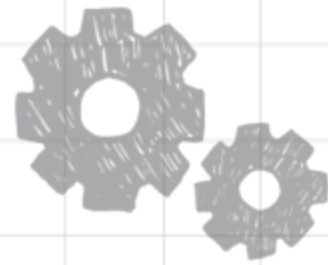


What's an engineer?

Engineers are problem solvers!

Someone who:

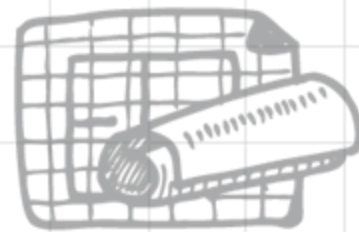
- Invents



- Builds



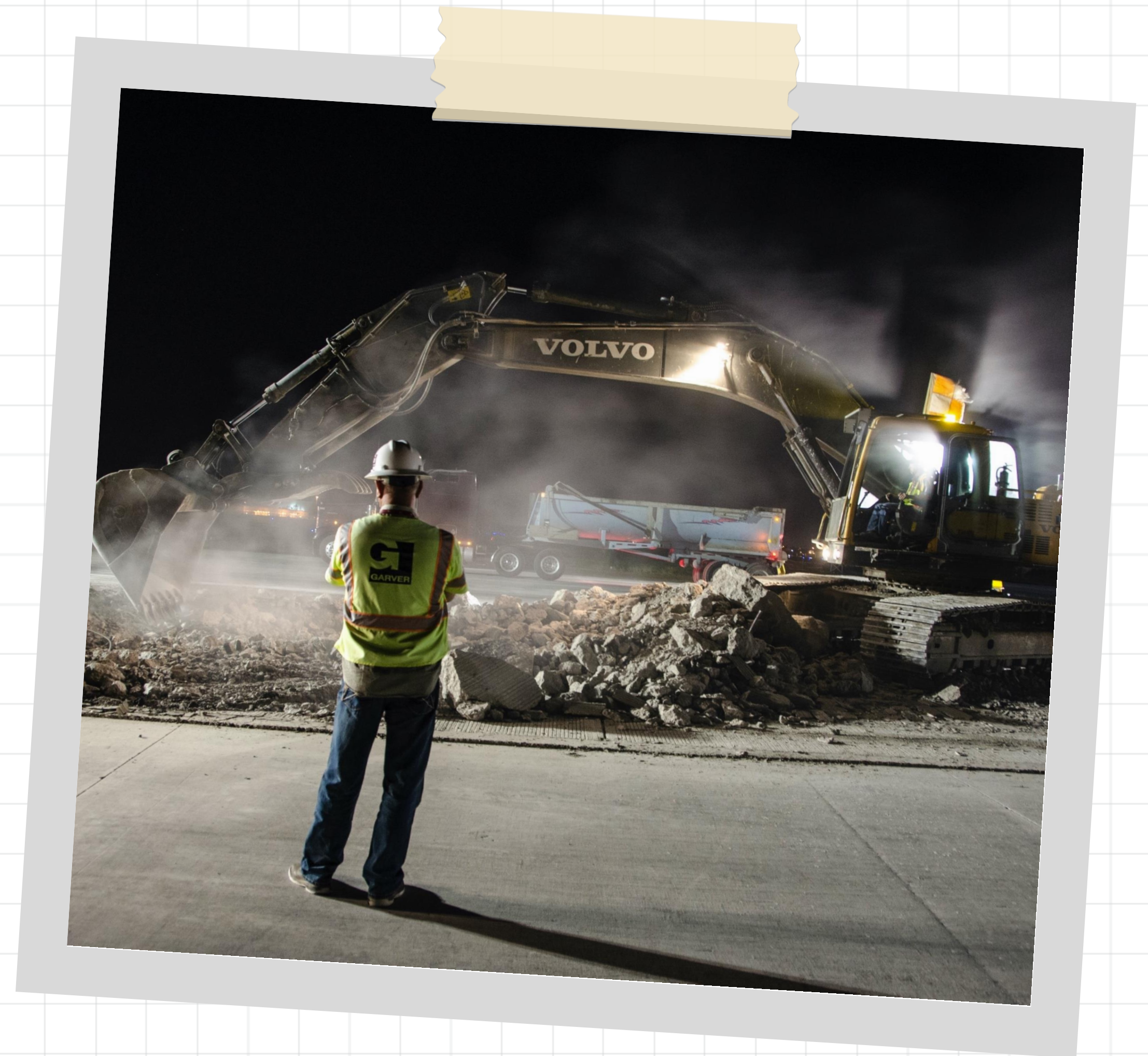
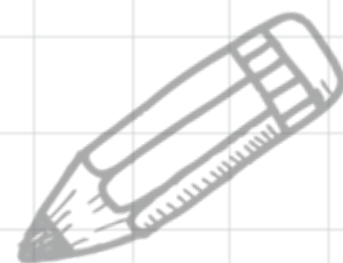
- Designs



- Tests



- Analyzes

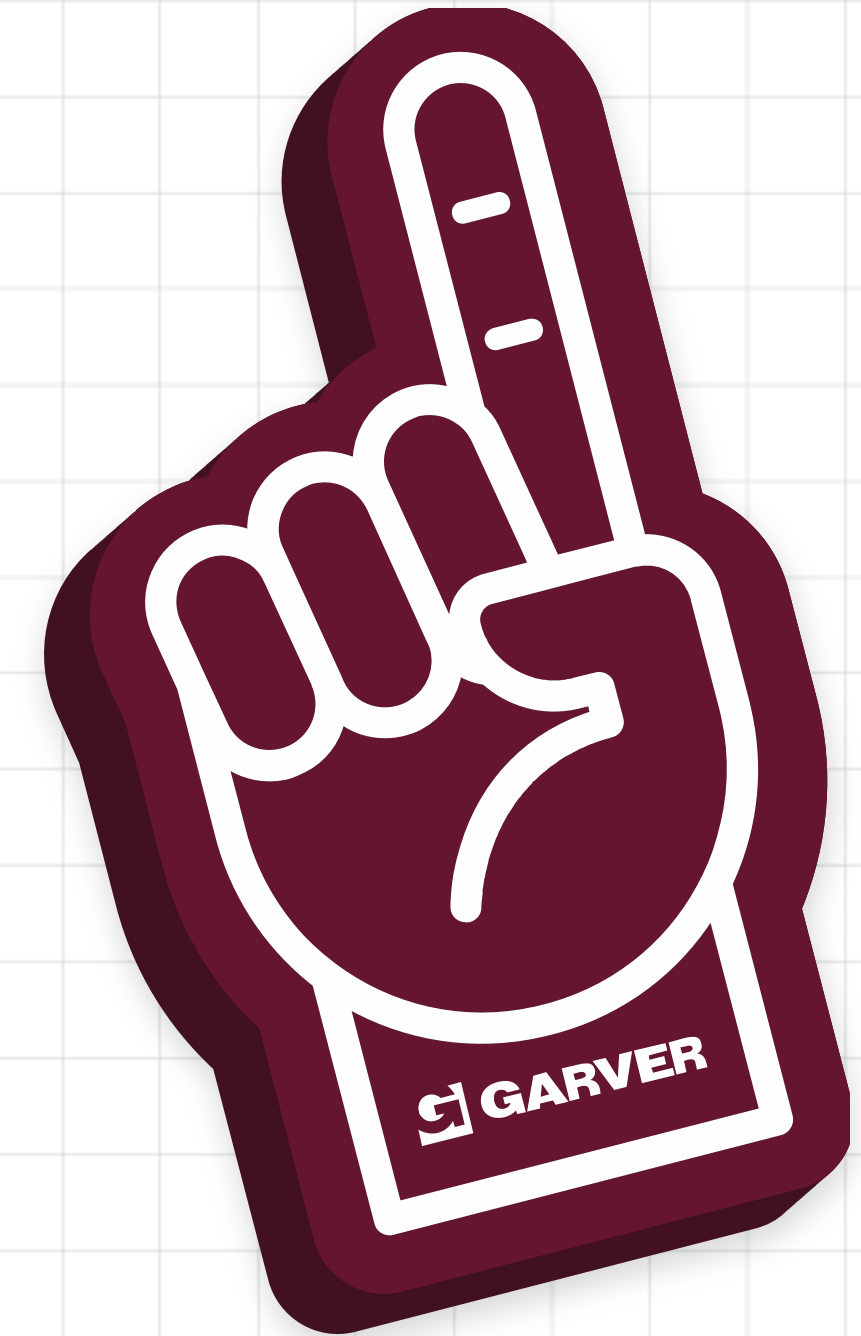


About Garver

Garver is an engineering firm with more than 1,300 employees across the United States. We're more than 100 years old!

We're civil engineers!

Civil engineers make the world a better place. Imagine building the tallest building in the world, a bridge across a raging river, or bringing clean water into an entire town.



Civil engineering is all around you!

Civil engineers design and build *infrastructure*—things like airports, bridges, buildings, canals, dams, landfills, levees, pipelines, roads, sewers, subways, tunnels, and water supply systems.

















What does a water engineer do?

- Find sources of water
- Make sure you can drink water
- Get water to the community and take wastewater away
- Find ways to reuse water



What does an aviation engineer do?

- Engineers in aviation use math and science to help airports – from planning through design and construction
- All kinds of airports!
County, municipal, regional, and international airports



Airports are busy places!

- An engineer has to think about handling people traffic flow, aircraft traffic flow, baggage handling, support vehicles, fueling, and de-icing.
- Make sure runways and taxiways are always clear and safe!



What does a transportation engineer do?

- The roads in your town didn't appear by magic!
- Roadway, Bridge, and Traffic engineers use math and science to determine where or how to build new roads and to make existing roads better.
- Engineers make it safer and easier for people to travel to the places where they live, work, and play.



What does a structural engineer do?

- Structural engineers design the buildings that our communities use every day!
- From the gym where you play basketball to the local hospital to the movie theatre, structural engineers use math and science to bring those buildings to life.



Your turn to be an engineer!

