





ADOT has many types of civil engineers who help build and maintain Arizona roads. Here are descriptions of what different types of engineers do. Find the pictures related to each engineer hidden below.



**Bridge Engineers** design bridges that carry cars and trucks over waterways and other roadways.



**Civil Engineers** design, build, maintain and operate freeways, bridges and more.



**Roadway Engineers** design geometric parts of a road, such as widths, curves and slopes as well as road safety hardware like guardrails.



**Survey Engineers and Surveyors** provide engineering surveys and topographic maps to assist highway project designers. Topographic maps show all the mountains, lakes and other bumps and lumps on a particular area.



**Traffic Engineers** design road signing and striping, traffic signals and roadway lighting.



**Transportation Technology Engineers** use digital message signs and other innovative technology to improve road safety and efficiency.



**ARIZONA RD** 

SLOW

**EXIT ONLY** 

**Utility and Railroad Engineers** locate underground utilities, such as wires and pipes, and other items that could interfere with construction.

Did you know? ADOT makes all the signs along the freeways to help drivers follow the rules and find where they are going. Some signs are as big as elephants! What else can you find in this picture?

## ADOT

Find many more fun, educational activities on the ADOT Kids website, azdot.gov/ADOTKids