



WIN UP TO \$500!

Imagine how engineering can help your community.

Then write a plea to your city or county council making the case for an infrastructure improvement.

2018 ENGINEER GIRL WRITING CONTEST

“Engineering for Your Community”

**DEADLINE
FEB 1ST 2018**

All students - girls AND boys - in grades 3-12 can enter.

<http://engineergirl.org/2018contest.aspx>



NATIONAL ACADEMY OF ENGINEERING

The contest is made possible by the generous support of our sponsors:



**Mr. John F.
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Human Energy™

The contest asks students to investigate an infrastructure system in their own community and suggest an improvement in the form of a persuasive letter, essay or summary report (based on grade level) for their city or county council. Students have the following systems to choose from:

- **Transportation systems** - roads, railroads, airports, and waterways.
- **Water treatment systems** - wells, reservoirs, treatment plants, and pipelines.
- **Waste management systems** - sewer systems and wastewater treatment plants as well as solid waste removal and recycling services.
- **Energy systems** - generating stations, power grids, and tools or structures that store energy.
- **Communication systems** - phone networks, postal services, and the Internet.
- **Financial systems** - banks, other institutions, and security measures that allow people to borrow, save, and move money.
- **Healthcare systems** - hospitals and emergency medical help.
- **Public safety systems** - structures, tools, people and services that protect the public from fire, crime, terrorism, disease outbreaks, and other hazards.
- **Recreation systems** - parks, playgrounds, libraries, and public places where people connect with each other.