



# INNOVATION CELEBRATION!



**Now accepting 2022 submissions!**



The Federal Highway Administration's (FHWA) *Build a Better Mousetrap* competition\* is a chance for your agency to showcase new inventions, ideas and processes. Submit your creation and let T2 highlight your work!

**Competition categories include:**

- Innovative Project
- SMART Transformation
- Bold Steps
- Pioneer

Applicants will be considered at the state level. A winner will be selected to be featured in the T2 print and electronic newsletter, as well as elevated to a national level for recognition.

**Entries deadline:**

May 1, 2022

**For more information:**

(scan the QR code)



[kvt2.com/local-services/build-a-better-mousetrap](http://kvt2.com/local-services/build-a-better-mousetrap)

**2021 Innovative Project  
Kentucky Winner:**

**Kenton County Parks  
Independence, KY**

For years, Kenton County relied on an old, overused fire truck from its Emergency Management department to clean surfaces and structures in a local park located on a flood plain.

The truck leaked badly and was very inefficient, so county employees created a high-pressure spray bar that can be mounted for use on multiple types of trucks. They also found a way to rinse areas that are inaccessible by service vehicles.

Using a trash pump, 500-gallon brine tank, and fire hose that were owned, donated, or purchased for less than \$700, the team was able to reduce water consumption and improve labor utilization. When full, the tank can now spray continuously for 26 minutes; the old truck's larger 750-gallon tank would be empty after less than five minutes.

In addition, the spray bar on the front of the truck—when coupled with the fire hose pumping directly out of the tank—can be used on roadways after construction, for storm cleanup, in preparation for paving projects, and for general cleaning before local events.

