VTTI AND VDOT SCHOOL DAY
May 2, 2019

Take a Tour of VTTI
See the Smart Road Control Room; look into instrumented research vehicles; and ride on the Virginia Smart Road, as rain is produced right on the road.

Smart Road Basics
The Smart Road is a full-scale, closed research facility managed by VTTI and owned and maintained by VDOT. Over 16 years of operation, the 2.5-mile Smart Road has seen over 26,000 hours of research by VTTI, automakers, suppliers, and government entities. The Smart Road features weather-making capabilities, a variable lighting test bed, pavement markings, road weather information systems, differential GPS, and a signalized intersection. The test bed also serves as a Federal Aviation Administration test site for unmanned aircraft systems. Recent and ongoing expansions to the Smart Road will facilitate the evaluation of automated vehicles in a full range of customizable environments, including urban, residential, and rural roadways.

Kid-friendly Stats
» The Smart Road Bridge is 175 feet above the ground, making it one of the tallest bridges in Virginia. It would take 36 10-year-olds standing on each other’s shoulders to be able to touch the top of the bridge from the ground. (Average height of a 10-year-old: 58 inches)

» It would take 584,558 10-year-olds to create the same weight as the bridge. (Average weight of a 10-year-old: 68 lbs.)

» Since the inside of the bridge is hollow, there is enough space to fit 14 houses! (Average home size: 2,600 sq. ft.)

» If a 10-year-old wanted to buy a bridge like this, he or she would have to save $1.00 a day for 48,000 years!

If you are interested in having your school class or group tour VTTI, please register at: http://bit.ly/schoolday2019

For any questions, please email: tours@vtti.vt.edu
For more about events/tours at VTTI: https://www.vtti.vt.edu/about/tours.html