A Living Lab for Smart Mobility

Smart Mobility Corridor, Marysville, Ohio
The Road to Smart Mobility

Ohio’s assets for the future of autonomous and connected vehicles

Transportation Research Center
This world-renowned testing facility has 4,500 acres of road courses and a 7.5-mile, high-speed oval test track, making the TRC the best place to test and validate nearly any vehicle in a controlled environment including off-road and multi-surface testing.

SMART Center
The state of Ohio, The Ohio State University and JobsOhio invested $45 million in the first phase of the Smart Mobility Advanced Research and Test (SMART) Center, a state-of-the-art hub at TRC. Once completed, the 500-acre SMART Center will enable the testing of new technologies and autonomous and connected vehicles in a closed, safe, secure and real-world environment.

OSU Center for Automotive Research
The Ohio State University’s Center for Automotive Research (CAR) is a preeminent research center focused on intelligent transportation systems, advanced vehicle safety and sustainable mobility. CAR combines a balance of government and privately sponsored research and education programs targeted to industry professionals.

OSU Driving Simulation Laboratory
The Ohio State University’s Driving Simulation Laboratory offers a state-of-the-art facility for measuring driver behavior. The facility provides tools for evaluating in-vehicle systems for infotainment and vehicle guidance to ensure conformance with the National Highway Traffic Safety Administration.

Fiber Network
OARnet, a division of the Ohio Department of Education’s Ohio Technology Consortium, has created a strong fiber-optic network across Ohio that provides companies direct access to academic resources needed for R&D as well as to powerful computing capabilities needed for simulation and modeling, which includes information sharing through the Ohio Supercomputer Center. Along the U.S. 33 Smart Mobility Corridor is the 33 Corridor Fiber Collaborative, designed to offer companies access to high-speed and redundant fiber-optic service to move large amounts of data across multiple platforms.

Smart Columbus
Winning the “Smart City Challenge,” came with a $40 million grant from the U.S. Department of Transportation and a $10 million grant from Vulcan Inc. to develop, deploy and share lessons learned about smart mobility solutions that improve safety, mobility, access to opportunity and sustainability. Smart Columbus can be a partner for on-road testing.

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There’s no place better than Ohio for smart mobility. If you’re exploring autonomous and connected transportation opportunities, here are a few of the smart mobility, automotive and tech assets you’ll find in Ohio.
Smart Mobility in Action

No other state can claim the diverse and comprehensive collection of physical assets, research partners, controlled and open-road test facilities, smart city initiatives and funding opportunities that make Ohio a living laboratory for smart mobility. This smart mobility innovation network gives researchers, developers and manufacturers at any stage of development a clear path of collaborative resources to design, test and commercialize autonomous and connected vehicle technologies.

To learn about the partnerships and resources available in Ohio, visit JobsOhio.com or reach out to our team:

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