



*Smart Mobility Corridor, Marysville, Ohio*



Ohio is Autonomous Mobility Ready



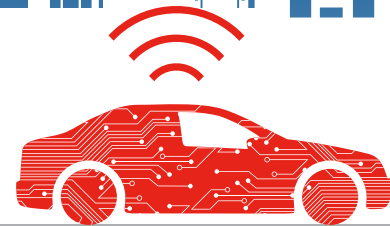
# Autonomous Innovation in Ohio

Enabling the safe and easy movement of people and goods

There's no place better than Ohio for autonomous mobility. If you're exploring autonomous and connected transportation opportunities, here are a few of the smart mobility, automotive, and advanced air mobility assets you'll find in Ohio. Companies and organizations are actively designing, testing, and deploying advanced mobility because Ohio has the infrastructure in place to immediately put you on roads or in the sky.



On the ground



**Design** Plan, assess, and research your capabilities.



**Test** Push the capabilities of your technology by taking them into real-world environments.



**Deploy** Manufacture and implement your technology, and hire and train the workforce to make it run.

In the air



## Transportation Research Center

World-renowned testing facility that has 4,500 acres of road courses and a 7.5-mile, high-speed oval test track.



THE OHIO STATE UNIVERSITY  
CENTER FOR AUTOMOTIVE RESEARCH

## SMART Center

The 540-acre Smart Mobility Advanced Research and Test (SMART) Center at TRC enables testing of new technologies and autonomous and connected vehicles in a real-world environment.

## Ohio State University

OSU's Center for Automotive Research (CAR) is focused on intelligent transportation systems, advanced vehicle safety, and sustainable mobility. OSU Driving Simulation Laboratory offers a state-of-the-art facility for measuring driver behavior.



## 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.



## DriveOhio

Bringing together all of the public and private entities involved in building the transportation infrastructure in Ohio, DriveOhio coordinates with those who are developing the advanced mobility technologies needed to create a smart transportation system.



## Ohio Federal Research Network (OFRN)

The OFRN supports research and development initiatives in smart mobility technologies through a collaboration of industry, university, and NASA or AFRL partnerships.



## FlyOhio

FlyOhio is part of the Ohio Department of Transportation, leading innovation in the emerging Urban Air Mobility (UAM) and Unmanned Aircraft Traffic Management (UTM) market. FlyOhio is building the infrastructure for cargo delivery and passenger taxis as well as Advanced Air Mobility (AAM) and supports companies wanting to fly in Ohio.



## NASA Glenn Research Center

NASA Glenn Research Center runs more than 500 specialized aviation research and test facilities, including sound testing for drones in collaboration with the Federal Aviation Administration.



## The Air Force Research Laboratory (AFRL)

The AFRL leads the discovery, development, and delivery of warfighting technologies for air, space, and cyberspace forces, as well as emerging UAM/UTM market. Now home to AFWERx Agility Prime, a non-traditional program seeking to accelerate the commercial market for advanced air mobility vehicles (i.e., "flying cars").



## SkyVision

SkyVision is the ground-based sense-and-avoid radar system at the Springfield-Beckley Municipal Airport in Springfield, Ohio. The air traffic management system gives the airport the unique capability to manage drone flight beyond the operator's visual line of sight.

Both ground and air

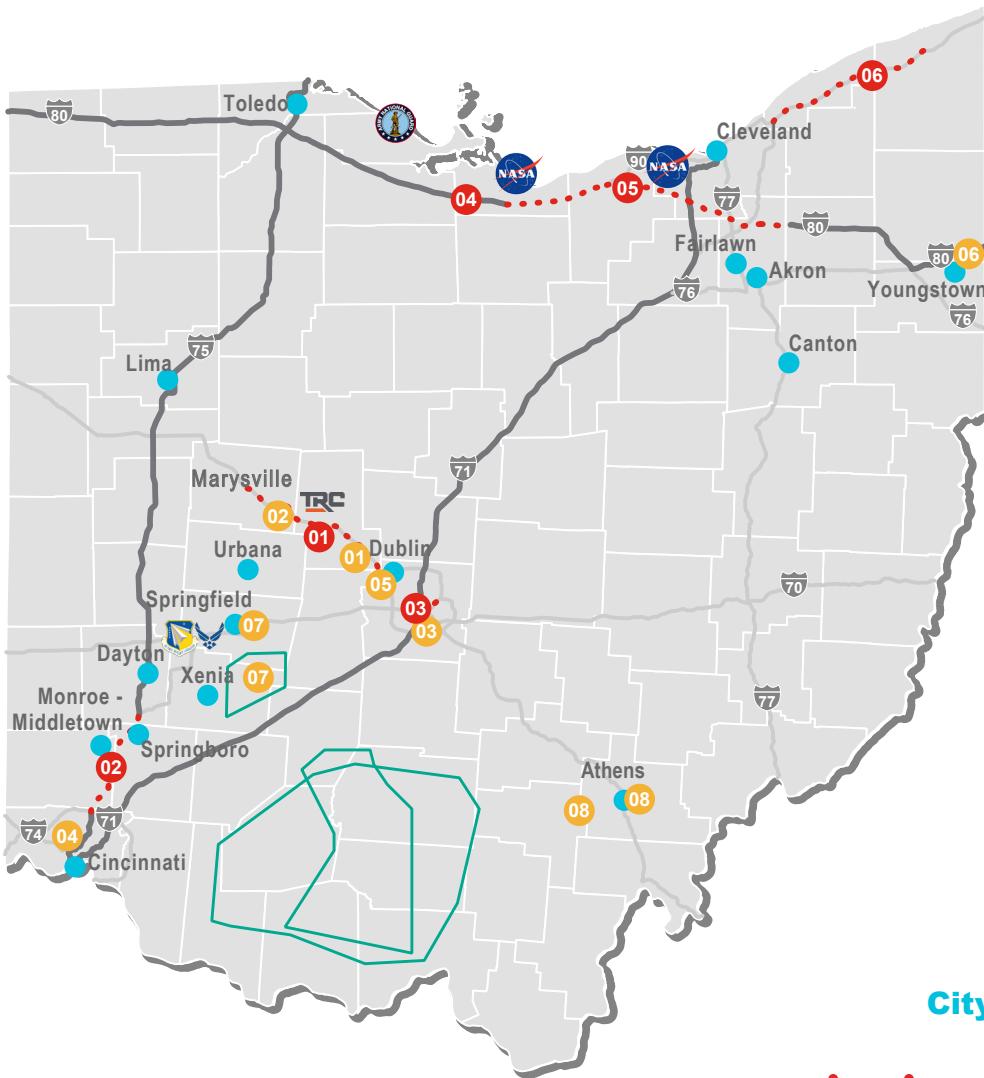


## 33 Smart Mobility Corridor

A 35-mile stretch of U.S. 33 in Ohio between Dublin and East Liberty through Marysville in Central Ohio, serves as a real-world proving ground for autonomous and connected vehicles. The Unmanned Aircraft Systems (UAS) Center has developed and deployed advanced radar and traffic management technologies to monitor low-altitude air traffic using passive radar, including communication devices for both air and ground vehicles.

# Autonomous Mobility in Action

No other state can claim the diverse and comprehensive collection of infrastructure assets, research partners, controlled and open-road test facilities, and federally-backed certifications that are available in Ohio. This advanced mobility innovation network gives researchers, developers, and manufacturers a clear path to design, test, and commercialize autonomous mobility technologies for land and sky.



## Smart Mobility Projects

- 1 Unmanned Traffic Management Pilot
- 2 Connected Marysville
- 3 Smart Columbus
- 4 Uber Movement, Cincinnati Mobility Lab Project
- 5 Dublin Connected Roundabout
- 6 Smart2
- 7 FlyOhio: SkyVision
- 8 Deploying Automated Technology Anywhere

## Connected Corridors

- 1 U.S. 33 Smart Mobility Corridor & UTM Research
- 2 Cincinnati/Dayton Workforce Corridor
- 3 SmartLane
- 4 Future Ohio Turnpike Corridor Expansion
- 5 Ohio Turnpike Corridor
- 6 Lake Effect Corridor

Initial Managed UTM / UAM Corridors  
 SkyVision, Bush Creek, & Buckeye Test Areas

- US Air Force Airworthiness Authority
- Air Force Research Laboratory
- NASA Glenn Research Center & Plum Brook Station
- Camp James A Garfield JMTC & Camp Perry UAV Test Site
- Transportation Research Center (TRC)

## City Use Cases in Development



SM1020

To learn about the partnerships and resources available in Ohio, visit [JobsOhio.com](http://JobsOhio.com) or reach out to our team:



**Jonathan Bridges**  
 Managing Director  
 Automotive  
[bridges@jobsohio.com](mailto:bridges@jobsohio.com)  
 1.614.300.1159

**Glenn Richardson**  
 Managing Director  
 Aerospace & Aviation  
[richardson@jobsohio.com](mailto:richardson@jobsohio.com)  
 1.614.300.1378

**Tim Sweeney**  
 Director  
 Aerospace & Aviation  
[sweeney@jobsohio.com](mailto:sweeney@jobsohio.com)  
 1.614.300.1390

**Elaine Bryant**  
 Managing Director  
 Military & Federal  
[ebryant@daytonregion.com](mailto:ebryant@daytonregion.com)  
 1.937.229.9085