



CONNECTED MARYSVILLE

THE NATION'S FIRST FULLY-CONNECTED CITY

THE CITY OF MARYSVILLE IS AN EXAMPLE OF WHY OHIO IS LEADING THE NATION IN THE DEVELOPMENT OF CONNECTED VEHICLE TECHNOLOGY.

The City of Marysville, Ohio Department of Transportation, DriveOhio, and other partners have launched Connected Marysville, a project that has equipped all 27 traffic signals within the City with Dedicated Short Range Communication (DSRC) devices to be used as Road Side Units (RSUs) aimed at delivering Signal Phase and Timing (SPaT) data and other safety messages to vehicles that have been outfitted with On Board Units (OBUs). In addition to the deployment of traffic signal upgrades, project partners have also committed to equipping at least 500 fleet and privately-owned vehicles with OBUs. When combined with an impressive 432-strand redundant fiber network, the entire community is the perfect smart mobility playground, providing automotive companies, government agencies, and academia the rare opportunity to develop and test connected vehicle technologies in a real-world environment.

WHY MARYSVILLE?

As a smaller community with lower traffic volumes, Connected Marysville will allow a significant penetration rate with 500 vehicles equipped with on-board units. As a result, the connected vehicles will have a greater saturation of the local traffic network than if they were in a larger community. This, and the presence of several smart mobility assets in the community, allows for the "right size" design of new smart city technologies.



CONNECTED MARYSVILLE FEATURES:

- 27 CONNECTED TRAFFIC SIGNALS
- 67 DEDICATED SHORT RANGE COMMUNICATION DEVICES ALONG US-33
- 500 CONNECTED VEHICLES
- 432-STRAND REDUNDANT FIBER NETWORK
- ON-THE-ROAD, REAL WORLD TESTING

PROJECT PARTNERS:



FOR MORE INFORMATION, VISIT WWW.33SMARTCORRIDOR.COM

33 INNOVATION PARK

The new **33 Innovation Park** in Marysville offers numerous attractive options for companies seeking the perfect business address in the Columbus Region. The 206-acre development features brand new utility infrastructure, including an unparalleled fiber optic network. With an ideal location, freeway visibility and access, competitive lot prices, high architectural standards, and flexible development options, the 33 Innovation Park is the perfect location for smart mobility companies that wish to utilize the nearby 33 Smart Mobility Corridor for testing.

Contact: Lee & Associates, 614.923.3300
www.33innovationpark.com



Conceptual Rendering

AUTOMOTIVE & MOBILITY INNOVATION CENTER (AMIC)

The **AMIC** is a 20,000 SF center of innovation that will be located at the 33 Innovation Park in Marysville. The AMIC will house an entrepreneurial center and business incubator, offices and co-working space for emerging companies and state agencies involved with the automotive and smart mobility industries, a testing lab and data center, space for K-12 and higher education institutions to promote talent development, display area to educate citizens on the evolution of mobility, and space for a Traffic Management Center.

Contact: Union County-Marysville Economic Development, 937.642.6279
www.amicohio.org

TRANSPORTATION RESEARCH CENTER - SMARTCENTER

The Transportation Research Center's new 540-acre **SMARTCenter** is a state of the art hub that allows the testing of highly automated and connected vehicles before deployment on public roads. The SMARTCenter features:

- the longest and widest connected, signalized intersection in the industry
- an urban network consisting of movable intersections, roundabouts, and oblique intersection scenarios
- a 10,000 SF control building with garage and office space
- full site access to DSRC and high speed wireless communication
- an underground power distribution and fiber network

Contact: Transportation Research Center, 937.666.2011
www.trcpg.com

DRIVEOHIO

DriveOhio

The Future of Smart Mobility

DriveOhio is the center for all things smart mobility in Ohio, bringing dozens of private and public entities together under a single umbrella, and serving as

the hub for all things autonomous and connected in the state. Supported by the Ohio Department of Transportation, DriveOhio is a one-stop shop for those developing, testing and deploying advanced mobility solutions on the ground and in the air, seeking to increase safety, enhance mobility, expand access, improve reliability and attract, prepare and retain Ohio's talent.

Contact: DriveOhio, 614.387.5175
drive.ohio.gov