

EMERGING GROWTH & INNOVATION

OAKLAND COUNTY, MICHIGAN YOUR MOBILITY PARTNER

WHERE MOBILITY COMES TO INNOVATE

At its heart, Oakland County, located in Southeast Michigan, is a global mobility innovation and R&D powerhouse. Our technical and engineering centers lead the North American mobility revolution as the number of public mobility testing facilities continues to increase in the region.

Our Goal:

To facilitate the development of technology to improve the movement of people and goods through R&D.

Why Oakland County, MI?

- ▶ We are pursuing pilot opportunities for our 1,600 signalized intersections to improve travel flow, increase safety for vulnerable road users, and vehicle to infrastructure communications
- ▶ Oakland County produces 20% of Michigan's GDP



GM Orion EV Assembly,
Lake Orion



Links to Canada



Airports



Automation Alley



Vehicle Testing Facilities

— Truck Platooning I-69

- - - Dedicated I-94 Autonomous Lane

ACCESS TO PUBLIC TESTING FACILITIES

North America's largest regional cluster of public mobility testing sites.

Closed track:

American Center for Mobility
ACMWillowRun.org

Detroit Smart Parking Lab
ACMWillowRun.org/DetroitSmartParkingLab

Holly ORV Park – Off-Road Testing
OakGov.com/Parks/ParksAndTrails/Holly-Oaks-ORV-Park/Pages

Kettering University's GM Mobility Research Center
Kettering.edu/Research/Mobility-Research-Center

M1 Concourse Track
M1Concourse.com

University of Michigan's M City
MCity.UMich.edu

Wireless Lab:

Oakland University Outdoor Automotive Antenna Range
Oakland.edu/AEWL/Capabilities/Outdoor-Automotive-Antenna-Range



M1 Concourse, Pontiac

INNOVATION PARTNER

- Seeking companies for R&D mobility pilots
- Pilot grant opportunities available through office of Future Mobility & Electrification
- Road Commission for Oakland County will provide in-kind labor to deploy roadside units for R&D pilots
- Advancing EV charger deployment by identifying optimal locations and funding sources, as well as coordinating best practices with our 62 cities, villages, and townships and other counties in our region

BORDER CROSSINGS & AIRPORTS PROXIMITY

Access to five international trade crossings with Canada within about an hour (61 miles); a sixth (Gordie Howe International Bridge) planned for completion in 2024

FAST FACTS

- ✓ #1 State for Connected Vehicles – U.S. DOT-Funded Operational Deployment & Largest U.S. Deployment of V2I with 600 miles in Michigan
- ✓ \$15.8 billion spent in auto R&D annually
- ✓ 26 OEM vehicle manufacturers in Michigan
- ✓ \$10.6 billion invested in Michigan by EV/AV firms between 2010-2020
- ✓ Nearly 22,000 software developers in region

CONTACT:

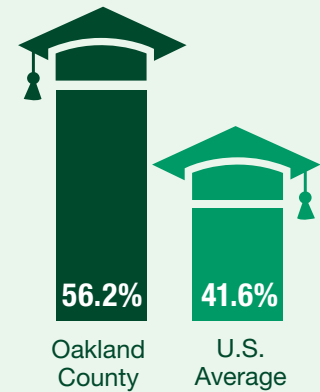
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►►► All ways,
MOVING FORWARD

ORV Park, Holly



Percentage of Residents with College Degrees



SKILLED WORKFORCE

Educated Residents

More than 56% of Oakland County residents have an associate degree or higher, and 48% have a bachelor's degree or higher.

Technical Talent

Michigan is #1 nationally in the concentration of engineers with more than 95,000—with one-fourth of that number in Oakland County.

Industrial Designers

With nearly 17,000 workers employed as industrial and commercial designers or industrial engineers, the region has the highest concentration of both occupations in the U.S.

Oakland80 Initiative

Oakland County is positioned to be a national leader in educational attainment, with exemplary K-12, higher education, economic development, business, and workforce development partners. Oakland80, sets a goal of 80% of our adults with a post-high school degree or credential by 2030.



DAVID COULTER
OAKLAND COUNTY EXECUTIVE

Sources: U.S. Census Bureau; U.S. BEA; U.S. BLS; EMSI; Detroit Regional Partnership