

Moving Michigan Forward

CN Forum

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Formation of the Michigan Mobility Initiative



THE MOBILITY STATE

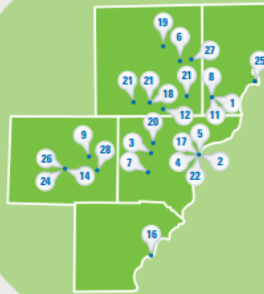
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Michigan's Department of Transportation has invested over **\$97 million** of its spending on ITS assets in the Detroit region.

Ranking #1 nationally for the number of advanced automotive industry jobs (67,825) and businesses (462), the southeast Michigan area is positioned to lead the nation in connected and autonomous vehicle research and technology.

In 2014, Michigan led the U.S. in Connected Vehicle projects (46), followed by California (31), a growth of **50%** over the previous year.

The region's freeways are instrumented with **450** closed circuit TV cameras, **200** dynamic messaging signs and **500** microwave vehicle detector sites.



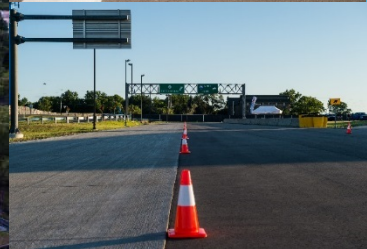
MICHIGAN: GLOBAL CENTER OF MOBILITY

Mapping the future of smart mobility is easy – it starts in Michigan. Home to unrivaled automotive R & D and advanced manufacturing assets, Detroit and Michigan are positioned as the global center of connected vehicle technology. The research, design, testing and infrastructure development that is revolutionizing mobility, connecting the automobile and reshaping the world happens here.

Michigan is the place to be for emerging opportunities in smart mobility.

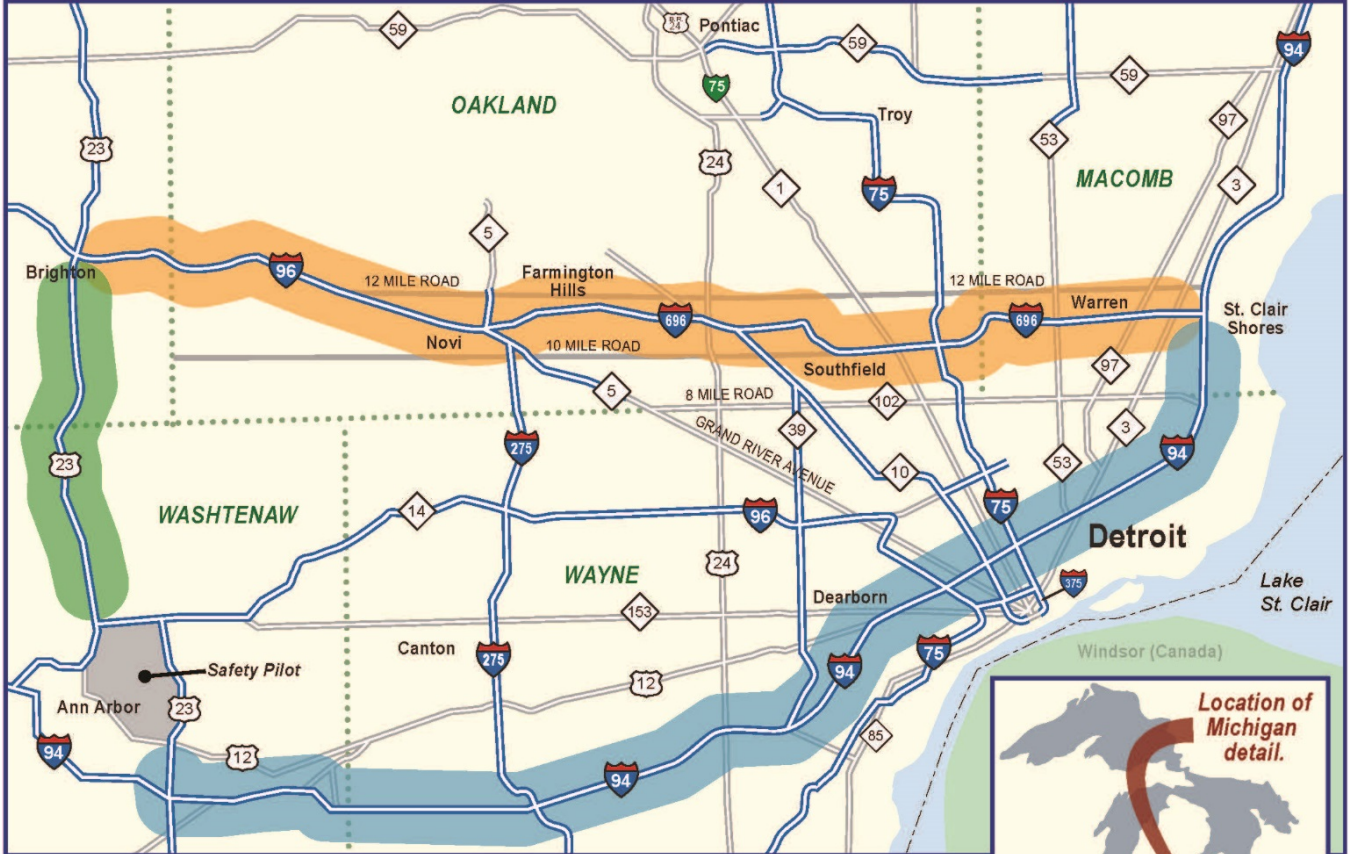


M-City: Complete Autonomous Village Ann Arbor



All photos courtesy
of the University of
Michigan

Smart Corridors

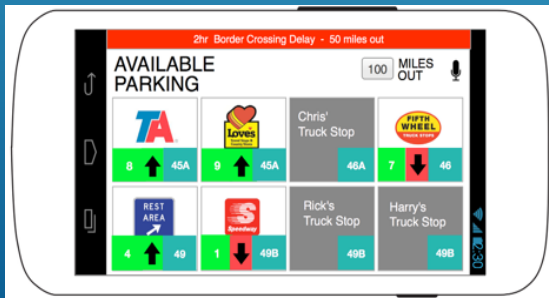


DETROIT – The Michigan Department of Transportation (MDOT) is partnering with General Motors, Ford Motor Co., and a University of Michigan (U-M) consortium to deploy vehicle-to-infrastructure (V2I) communication technology-enabled corridors on more than 120 miles of Metro Detroit roadway, including stretches of I-96, I-696, I-94 and US-23.



I-94 Truck Parking Information System

- ▶ Sign Infrastructure
- ▶ Website
- ▶ Smartphone Application
- ▶ Cellular and DSRC Communications



Regional Approach



41°59'32.5"N 90°53'59"W

Source: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Beijing), Esri (The Netherlands), Tom

Gordie Howe International Bridge



MIDOT



Better.*Faster*.Cheaper.Safer.Smarter