The Future of Transportation Technology

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Formation of the Michigan Mobility Initiative

THE MOBILITY STATE

Michigan's Department of Transportation has invested over 857 million of its spending on ITS assets in the Detroit region.

In 2014, Michigan led the U.S. in Connected Vehicle projects (+), followed by California (+1), a growth of 50% over the previous year.

The region's freeways are instrumented with 489 closed circuit TV cameras, 220 dynamic messaging signs and 590 microwave vehicle detector sites.

Ranking #1 nationally for the number of advanced automotive industry jobs (63,826) and businesses (412), the southeast Michigan area is positioned to lead the nation in connected and autonomous vehicle research and technology.

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
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