

Planet M, etc.

JEFF CRANSON
MICHIGAN DEPARTMENT OF TRANSPORTATION



MICHIGAN MOBILITY INITIATIVE

Formed and launched in May of 2015 to position Michigan as a global center for connected and automated development.



PROJECTS



POSITIONING



MOBILITY INITIATIVE FOCUS AREAS

PEOPLE

1 Initial Assessment of Michigan University and College degrees Focused on Connected and Automated Vehicles

2 Cultivate the entrepreneurial ecosystem

3 Promote Michigan culture and place to attract talent



POLICY

Connected and Autonomous Research Leading Legislation

Senate Bills 995-998



AAA Survey Story

Menu

Set Weather

nola.com The Times-Picayune
Greater New Orleans

Subscribe



3 in 4 Americans 'afraid' to ride in driverless cars, AAA says



58
shares



In this Tuesday, Dec. 13, 2016 file photo, an Uber car in driverless mode waits in traffic during a test drive in San Francisco. Uber's self-driving cars will return to California's streets. But the company doesn't plan to pick up passengers for now. The California Department of Motor Vehicles said Wednesday, March 8, 2017, it has granted Uber permission to run two Volvo

MOST READ



More trouble for Fox News; North Carolina wins NCAA title (10 Things to Know for Tuesday)



Storms have Louisiana on high alert; can ACM Awards unite Dems, GOP? (10 Things to Know for Monday)

ACTIVE DISCUSSIONS

[See more comments »](#)

Inside the Survey

KEY FINDINGS

Three-quarters of U.S. drivers would be *afraid* to ride in a self-driving vehicle, while 19 percent would *trust* the vehicle and 4 percent are unsure.

- Women (85%) are more likely to be *afraid* than men (69%).
- Baby Boomers (85%) are more likely to be *afraid* than Millennials (73%) and Generation X (75%) drivers.

One-half (54%) of drivers would feel *less safe* sharing the road with self-driving cars while they drive a regular car. One-third (34%) feel it makes no difference, 10 percent would feel safer and 2 percent are unsure.

- Women (58%) are more likely to feel *less safe* sharing the road with a self-driving vehicle than men (49%).
- Baby Boomers (60%) and Generation X (56%) are more likely to feel *less safe* sharing the road with a self-driving vehicle than Millennial drivers (41%)

Six out of ten (59%) drivers want autonomous technology in the next vehicle they buy or lease, 25 percent would not want the technology and 16 percent may or may not want the technology.

- Millennial drivers (70%) are more likely to want this technology in the next vehicle than Generation X (54%) or Baby Boomers (51%).

Eight in ten (81%) drivers feel autonomous systems should all work the same way, regardless of who the vehicle manufacturer is.

First Day Headline from Arizona Crash Involving Uber

Self-driving Uber crashes in Tempe



Uber Suspends Self-Driving Car Program After Arizona Crash

Next Day Headline

AUTOWEEK 

NEWS

BUYERS GUIDE


REVIEWS

RACING

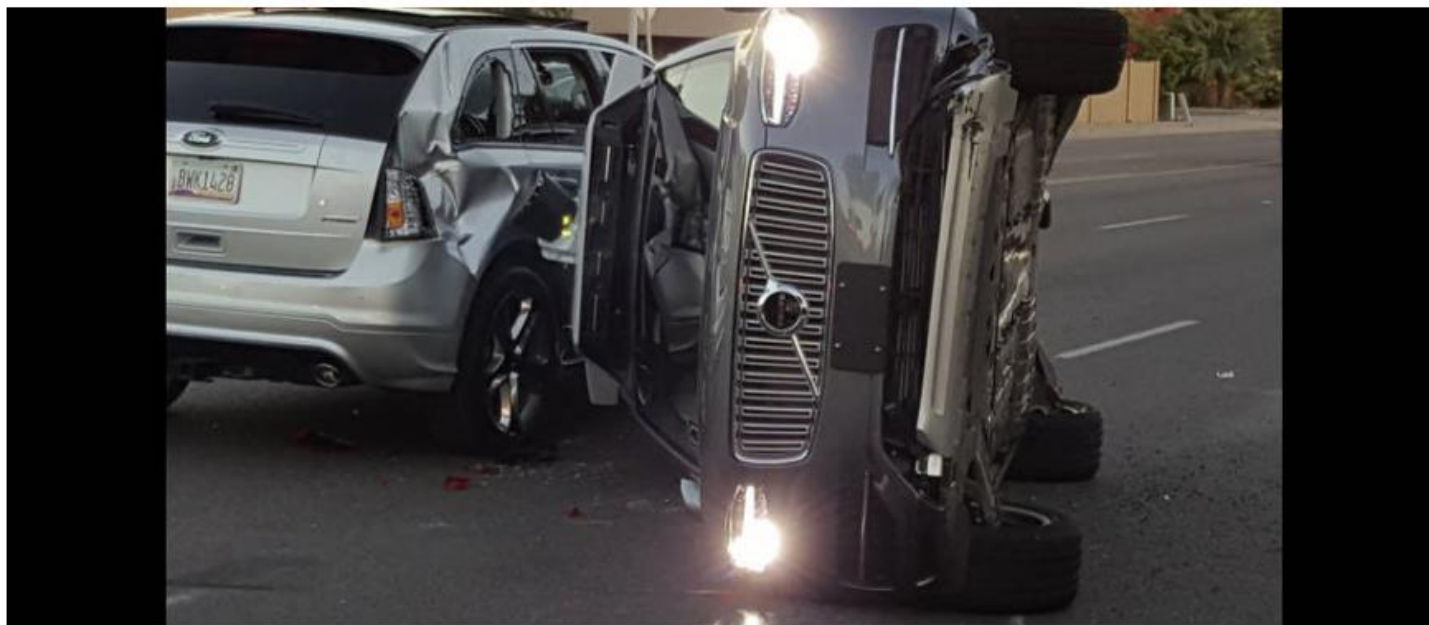
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Fresco News @fresconews · Mar 25

BREAKING: Self-driving Uber vehicle on it's side after a collision in Tempe, AZ.

Photos by @fresconews user Mark Beach [pic.twitter.com/5NCF2K00rW](https://twitter.com/5NCF2K00rW)

54

448

259

Photos posted on Twitter by a Fresco News reader showed an autonomous XC90 following the multi-car crash.
PHOTO BY MARK BEACH/FRESCO NEWS/TWITTER

Pin it

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AUTONOMOUS CARS

RELATED STORIES

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[CAR NEWS](#) Autoweek in review: Everything you missed Mar. 27-31

[CAR NEWS](#) Time to buy? Automakers are offering great deals to keep car sales high

STORY TOPICS

[CAR LIFE](#), [CAR NEWS](#), Autonomous cars, Authors, Jay Ramey, Products, Other News, Technology, Crossover, SUV, Volvo, XC90

Self-driving Uber not at fault in Arizona crash; program suspended anyway REPORT: ANOTHER VEHICLE FAILED TO YIELD TO AUTONOMOUS XC90, CAUSING CRASH

MARCH 27, 2017

Transformational Technology

- Saves Time
- Creates Value
- Changes Society



Transformational Transportation Technology



- Potential paradigm shift in how we travel
- How goods are shipped on land, sea, air
- Greater mobility and access for those underserved
- How society interacts with its built environments

Other Advantages to Michigan Test Beds

All-Weather Testing



Time & Money

- Transportation transformations have happened before
 - Railroads – changed the world so much that time zones were created
 - Paved Roads – got us out of the mud & expanded local commerce
 - Interstate System – created commerce & industry of today
- Always about time & money



Future of Time & Money

- Connected & Automated Vehicles
 - Not just passenger vehicles
 - Semi-trucks
 - Freighters
 - Farming Equipment
 - Onsite- vehicles in shipping yards, mines, ports
 - Delivery Vehicles
- The potential change is enormous & could impact all aspects of transportation & commerce



The New Mobility

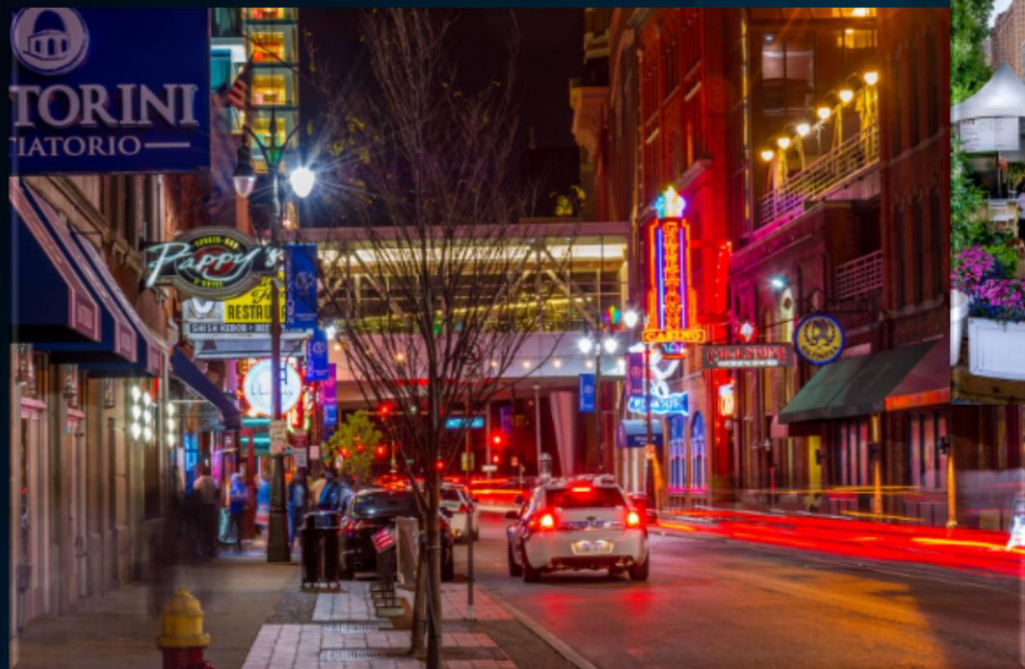


Vehicle Ownership



Freeways of the Future





City life



Safety



Toward Zero DeathsTM

National Strategy on Highway Safety



Unlimited Mobility



The Military



The Truck Driver

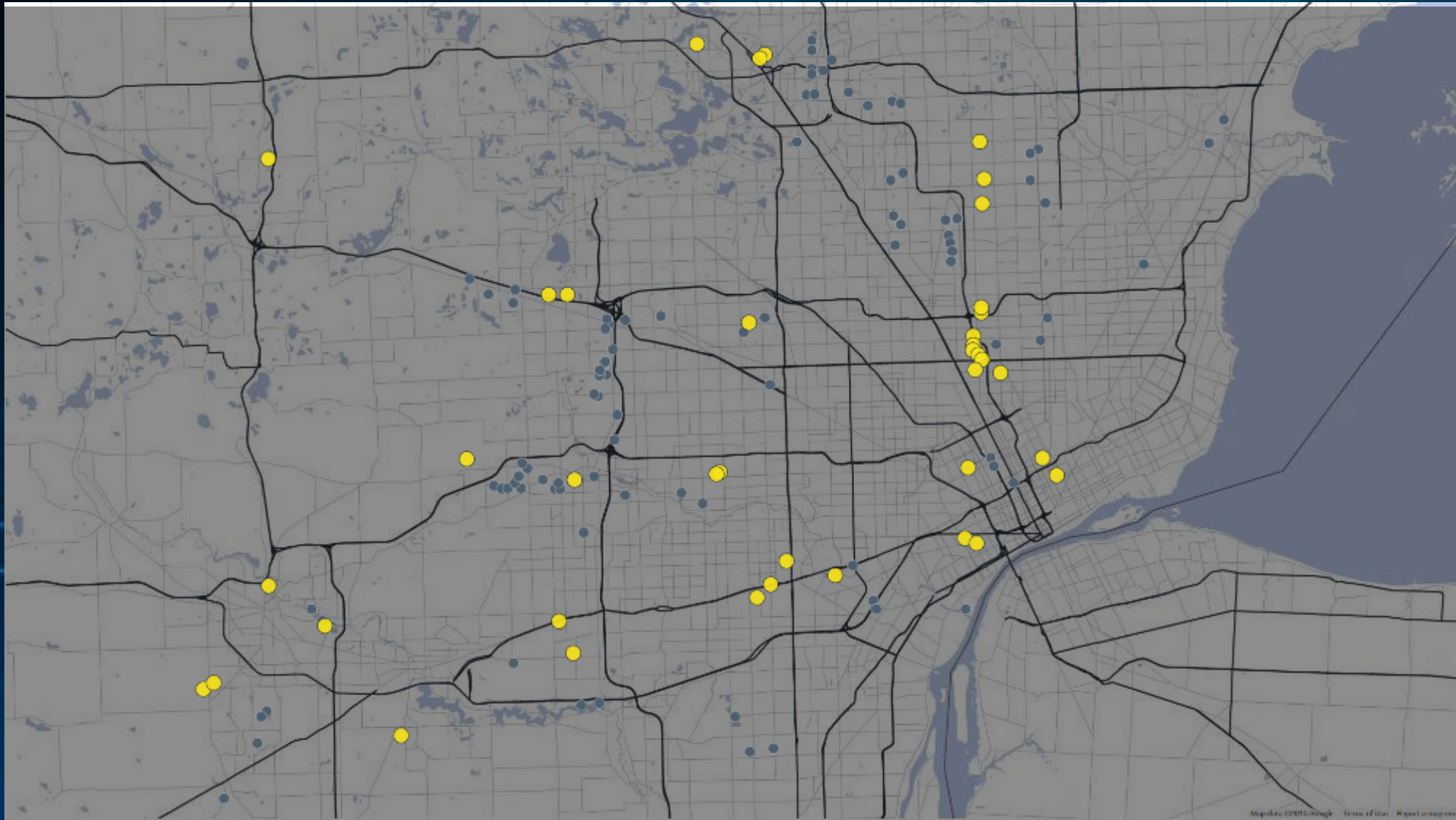


The Commuter



The Farmer

Why Here, Why Now



**Vehicle
manufacturing
related
businesses**

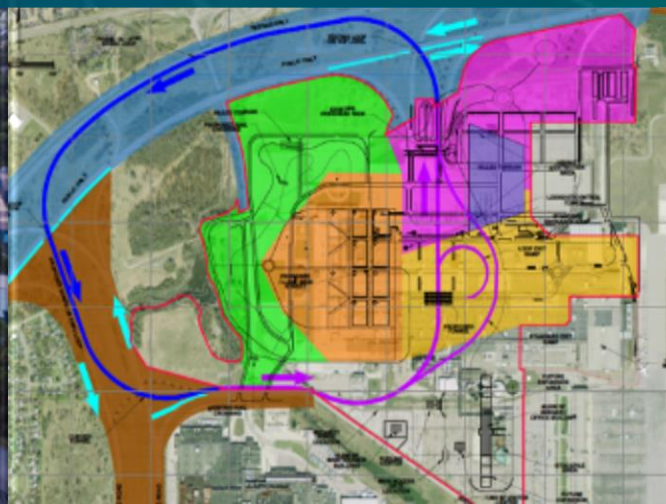
Government on Board

- Guidance from Feds
 - USDOT
 - NHTSA
- Role of Michigan SOS & MEDC
- MDOT's considerable support & role



MDOT Projects

- Truck Platooning
- Mcity
- American Center for Mobility
- SE Michigan Connected Vehicle Environment



I-69 Platooning Mobility Testing Demonstration





How Transformational Is It?

Communications

Talent

Research

Infrastructure

Applications

Data

Vehicles

Get Engaged

Michigan is Open for Business for CV Partnership
Opportunities