



State of Illinois
Bruce Rauner, Governor

Illinois Department of Transportation
Randall S. Blankenhorn, Secretary

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CONTACT:
Guy Tridgell 312.793.4199
Jessie Decker 217.782.3030

‘Autonomous Illinois’ moves Illinois to forefront of connected, automated vehicle testing, research

Initiative partners state, private industry to promote safety, economic opportunity

CHICAGO – The Illinois Department of Transportation has launched a new statewide, multiagency initiative to develop a testing program for connected and automated vehicles. Gov. Bruce Rauner created the initiative today with an [executive order](#) directing IDOT to oversee Illinois, a program aimed at advancing the state to the forefront in research on these emerging safety technologies.

“As the transportation hub for the entire country, Illinois is ideally situated to be a leader in the research of connected and automated vehicles,” Rauner said. “This technology is here and Illinois is ready to embrace it. Working with our public and private partners, we can make our roads safer, save lives, attract investment and create new high-tech jobs throughout the state.”

As part of the governor’s executive order, IDOT will oversee a testing program that requires a driver to remain behind the wheel, capable of taking control of the vehicle at all times.

“We want testing to happen here in Illinois, but we want to do it safely,” said Illinois Transportation Secretary Randy Blankenhorn. “Thanks to the governor’s leadership, we can bring our state’s impressive resources together to build a system of transportation that moves people and goods in new ways and puts us at the forefront of innovation.”

Autonomous Illinois will connect communities interested in connected and automated vehicle testing with industry, universities, research institutions and other technology partners. IDOT and other state agencies, including the Illinois State Police, Illinois Tollway, Department of Insurance and Department of Commerce and Economic Opportunity, will assist with the program.

Autonomous Illinois will work with private industry as well to determine infrastructure, data and support needs to further testing and implementation in Illinois.

To facilitate the dialogue, IDOT has created a new Autonomous Illinois web portal at www.idot.illinois.gov/autonomous.

“This executive order is a step forward for the state of Illinois' advanced technologies sector, which will help create an environment that supports automated vehicle science, safety and policy,” said Michael Daley, vice president of Burr Ridge vehicle developer Innova EV. “Today’s announcement demonstrates that Illinois will remain competitive in today’s innovative transportation industry.”

Connected and automated vehicles will generate an estimated \$800 billion annually in economic benefits nationwide by 2050, which includes the creation of jobs, increased productivity for motorists and fuel savings. They also will help reduce the number of crashes – 94 percent of which are caused by human error – that result in more than 1,000 deaths in Illinois and a negative economic impact of \$14 billion a year, according to the most recent data.

“As Illinois moves forward with the testing and development of connected and automated vehicles, state police will introduce the change in culture to our officers and help educate motorists when new laws are enacted,” said Leo P. Schmitz, director of Illinois State Police. “The ISP is committed to making public safety our No. 1 priority and we welcome this technology together to help reduce fatalities and serious injury crashes.”

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HD Satellite Coordinates:

Slug: DOT Autonomous Vehicles

Date: October 25, 2018

Time: 2:00 PM (CT) 2:15 PM (CT)

Satellite: Echostar105k

Transponder: 11

Slot: D9

Downlink Frequency: 11933.5000

Downlink Polarization: Vertical

Bandwidth: 9 MHz

Symbol Rate: 7.5

FEC: 5 / 6

Data Rate: 18.589212

Video: MPEG-4 4:2:0

Modulation Scheme: 8PSK

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