ILLINOIS DEPARTMENT OF TRANSPORTATION UPDATE

59TH ILLINOIS BITUMINOUS PAVING CONFERENCE

Brian Pfeifer
Bureau Chief of Materials
December 12, 2018
AASHTO Project of the Year Award
I-55 / Lake Shore Drive Interchange
Innovation

• Operations Innovative Ideas Contest in 2018
• Over 100 Ideas from Districts and Day Labor
• District 6 Riverton Maintenance Yard – Winner
  • Warning light for plow drivers to improve safety
• Expanding to Include All Offices
Asset Management

- Transportation Asset Management Plan (TAMP)
- Beyond Regulations…Better Way of Doing Business
- FHWA Certified Development Process on November 1st
- Final TAMP due June 30, 2019
Asset Management

- Selecting Improvements with Lowest Life-Cycle Cost
- Preservation Methods
- Single-Lift Asphalt Overlays
- Two-Lift “Policy” Overlays (New Approach)
- Major Rehab, Reconstruction
- Enterprise Asset Management System
Connected and Automated Vehicles

Vision Statement

“The State of Illinois will foster a safe, innovative environment for the seamless deployment of connected and automated vehicles (CAVs) and other transportation technologies.”

State Agencies

• Illinois Department of Transportation, lead agency
• Illinois State Police
• Illinois Department of Innovation and Technology
• Illinois Department of Insurance
• Illinois Department of Commerce and Economic Opportunity
• Illinois Toll Highway Authority
CAV Executive Order

- Launches *Autonomous Illinois Testing Program*
  [www.idot.illinois.gov/autonomous](http://www.idot.illinois.gov/autonomous)

- Facilitate Legal and Safe Testing and Data Collection on Public Roads
  - Registration system for entities wishing to conduct CAV testing

- Key Requirement: Driver must remain behind the wheel, capable of taking control of the vehicle at all times during testing
Illinois Automated and Connected Track (I-ACT)

- Smart Transportation Infrastructure Institute
  - University of Illinois at Urbana-Champaign
  - Northwestern University
  - University of Illinois at Chicago

- Proposed Test Track near ATREL in Rantoul

- Focus on Freight
Safety

- CAV Initiative – Potential for Significant Reduction
- Rest Area Displays
- Fatality Task Force
- Traffic Safety Summit, “Partnering for Zero Fatalities”
  - MNDOT strategies to reduce deaths by 45% since 2003
  - Discussed ways to address distracted driving
THANK YOU

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