

Chad A. Weaver, Crash Reconstruction Specialist

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Work Experience

- 2011-Present: Crash reconstruction specialist with Midwest Crash Forensics. Duties include administration of the business as well as lead crash reconstruction investigator.
- 2001-Present: Chief of Police with the Robinson Police Department, Robinson, Illinois. Duties include administration of Police Department as well as routine police functions including traffic crash reconstructionist, crime scene investigator, clandestine methamphetamine dismantler, and forensic interviewer.
- 2005-2021: Police Officer with the Hutsonville Police Department, Hutsonville, Illinois. Routine police duties and the specialties of traffic crash reconstructionist, crime scene investigations, and forensic interviewer.
- 1998-2001: 911 Telecommunicator at Crawford County Illinois Sheriff's Office. Duties included answering and dispatching emergency and non-emergency calls for fire, police, ambulance, and rescue.

Education

- Dec 2023: Monte Carlo Analysis (2 hours) National Association of Professional Accident Reconstruction Specialists
- April 2023: World Reconstruction Exposition (32 hours)
- Sept 2022: Illinois Association of Technical Accident Investigators Conference (24 hours)
- May 2022: CrashCon22 (20 hours) Crash Data Group
- Oct 2021: Cultural Considerations of Legal Cannabis (1 hour) PLI Legal Update
- Oct 2020: Motorcycle Turning (2 hours) National Association of Professional Accident Reconstruction Specialists
- Oct 2020: Investigating Rollover Crashes (2 hours) National Association of Professional Accident Reconstruction Specialists
- Oct 2020: GoPro GPS Data Analysis (2 hours) National Association of Professional Accident Reconstruction Specialists

Oct 2020: Perception Reaction Time in Different Crash Types (2 hours) National Association of Professional Accident Reconstruction Specialists

Oct 2020: Obtaining Chip-Level Data from Modules (2 hours) National Association of Professional Accident Reconstruction Specialists

Oct 2020: Considering Tires in Your Investigation (2 hours) National Association of Professional Accident Reconstruction Specialists

Sept 2018: Illinois Association of Technical Accident Investigators – What is at Issue and Path to Solution (16 hours)

Sept 2018: Illinois Association of Technical Accident Investigators Conference (24 hours)

Feb 2018: Event Data Recorder Use in Traffic Crash Reconstruction – Level 2 (40 hours) Institute of Police Technology and Management

Oct 2017: Illinois Association of Technical Accident Investigators Conference (24 hours)

Oct 2017: From Crash to Courtroom (16 hours) Illinois Association of Technical Accident Investigators

April 2017: Event Data Recorder Use in Traffic Crash Reconstruction – Level 1 (40 hours) Institute of Police Technology and Management

Sept 2016: Illinois Association of Technical Accident Investigators Conference (24 hours)

Sept 2016: Witness Video Analysis Course (16 hours) Illinois Association of Technical Accident Investigators

Jan 2016: Bosch DLC Technician (24 hours) Institute of Police Technology and Management

Nov 2014: Advanced Forensic and Investigative Techniques (8 hours) Institute of Police Technology and Management

Oct 2014: Railroad Grade Crossing Collision Investigation (16 hours) Illinois Mobile Training Unit

Sept 2014: Illinois Association of Technical Accident Investigators Conference (24 hours)

Sept 2014: Using Cell Phone Technology in Crash Investigations (16 hours) PATCtech

Feb 2014: Roadway Friction for Heavy Trucks (2 hours) GoToForensics.com

Sept 2013: Illinois Association of Technical Accident Investigators Conference (24 hours)

Sept 2013: Time Distance / Spin Analysis (8 hours) Illinois Association of Technical Accident Investigators

July 2013: Occupant Kinematics (40 hours) Institute of Police and Technology Management

April 2013: Risk Management for Supervisors (8 hours) Illinois Mobile Training Unit

April 2013: Crash Reconstruction Report Writing (8 hours) Illinois Association of Technical Accident Investigators

Sept 2012: Illinois Association of Technical Accident Investigators Conference (24 hours)

Sept 2012: Human Factors for Traffic Accident Reconstruction (16 hours) Illinois Association of Technical Accident Investigators

June 2012: Drug Awareness (3 hours) Illinois Mobile Training Unit

May 2012: Energy Methods and Damage Analysis in Traffic Crash Reconstruction (40 hours) Institute of Police and Technology Management

Feb 2012: Traffic Crash Reconstruction Update (8 hours) Illinois Association of Technical Accident Investigators

Dec 2011: Driving While Impaired Detection and Field Sobriety Testing Refresher (8 hours) Illinois Mobile Training Unit

July 2011: Traffic Crash Reconstruction (80 hours) Institute of Police and Technology Management

May 2011: Advanced Traffic Crash Investigation (80 hours) Institute of Police and Technology Management

March 2011: At-Scene Traffic Crash/Traffic Homicide Investigation (80 hours) Institute of Police and Technology Management

Oct 2010: Finding Words, Forensic Interviewing (40 hours) Corner House

Mar 2010: Advanced ICS for Command and General Staff, Complex Incidents and MACS for Operational First Responders (16 hours) Federal Emergency Management Agency

Feb 2010: Incident Command System (16 hours) Federal Emergency Management Agency

Feb 2010: Criminal Crash Investigation Basics (8 hours) Illinois Mobile Training Unit

Dec 2009: Criminal Patrol and Drug Interdiction (16 hours) Illinois Mobile Training Unit

Oct 2009: Advanced Roadside Impaired Driving Enforcement (16 hours) Illinois Mobile Training Unit

May 2009: Traffic Accident Refresher (8 hours) Illinois Mobile Training Unit

May 2009: Advanced Course on the Reid Technique of Interview and Interrogation (8 hours) John E. Reid & Associates, Inc.

May 2009: The Reid Technique of Interview and Interrogation (24 hours) John E. Reid & Associates, Inc.

Jan 2009: Basic Juvenile Officer Course (32 hours) Illinois Mobile Training Unit

May 2008: Driving While Impaired Detection and Field Sobriety Testing Refresher (8 hours) Illinois Mobile Training Unit

Aug 2007: School Resource Officer Basic Training (40 hours) National Association of School Resource Officers

Jan 2007: Breath Analysis Operator Training (28 hours) Illinois Mobile Training Unit

Apr 2006: Emergency / Evasive Vehicle Operation Course (8 hours) Illinois Mobile Training Unit

Feb 2004: Crime Scene Processing (24 hours) Illinois Mobile Training Unit

Dec 2003: Basic Crime Scene Photography (16 hours) Illinois Mobile Training Unit

July 2002: In-Car Video (4 hours) Illinois Mobile Training Unit

May 2002: Legal and Investigative Considerations of Driving Under the Influence (4 hours) Illinois Mobile Training Unit

May 2002: Drugs of the New Millennium (6 hours) Illinois Mobile Training Unit

June 2001: Basic Police Academy (480 hours) Illinois Police Academy at University of Illinois Police Training Institute

Sept 1999: Emergency Medical Dispatch (16 hours) Power Phone

Lectures

- Feb 2016: Traffic Crash Investigation for Non-Law Enforcement First Responders / Lamotte Township Fire Department (2 hours)
- June 2015: Traffic Crash Investigation for Non-Law Enforcement First Responders / Crawford County Rescue Department (2 hours)
- Mar 2012: Basics of a Traffic Crash Reconstruction / Criminal Investigations 1 / Lincoln Trail College (2 hours)
- Sept 2011: Crash Data Retrieval / Computer Ethics / Lincoln Trail College (2 hours)

Certifications

- May 2017: Federal Aviation Administration – Certified Remote Pilot (sUAS Pilot)
- Jan 2016: Bosch EDR Technician
- Nov 2014: Accreditation Commission for Traffic Accident Reconstruction (ACTAR) Accredited Traffic Accident Reconstructionist - #2732
- Dec 2011: Certified as Crash Reconstruction Specialist by the Illinois Training and Standards Board – #PTB10499

Boards

- May 2011 - Crawford County Emergency Telephone System Board (911 Authority)
- Nov 2022: Dec 2014 - Nov 2022 as Board Chairman
- Apr 2017 - Hutsonville Community Unit 1 School Board
- Current: Apr 2021 - Current as Board President

Professional Associations

- Illinois Association of Technical Accident Investigators (I.A.T.A.I.)
- National Association of Professional Accident Reconstruction Specialists (NAPARS)
- Illinois Traffic Safety Leaders (ITSL)

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