



## **Closing Velocity Inc.**

Crash Reconstruction Consultants

[www.closingvelocity.com](http://www.closingvelocity.com)

### **Michael Cowsert**

Crash Reconstructionist

President of Closing Velocity

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(847)421-6459

## **Education**

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Bachelor of Arts in Criminal Sciences– University of Illinois at Chicago (1994)

## **Certifications**

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- Re-Certified as a Crash Data Retrieval Analyst through Bosch (2013)
- Re-Certified as a Crash Data Retrieval Technician through Bosch(2012)
- Certified by Crash Data Retrieval Technician and Analyst through Bosch in (2007), (recertified in 2009)
- Certified by the Accreditation Commission for Traffic Accident Reconstruction (ACTAR #1383, 2003)
- Certified by State of Illinois as a Crash Reconstruction Specialist (2002)
- Certified by Northwestern University's Center for Public Safety as an Accident Reconstructionist (2002)

## **Professional Education**

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- Human Factors / Perception Delay (Illinois Police and Training Management 2012)
- Integrated Driver Research and Response (Jeff Mutart 2011)
- Heavy Truck ECM Update (IPTM 2011)
- Heavy Truck ECM Data Retrieval (IPTM 2010)
- Pedestrian Collisions (IPTM 2009)
- Crash Data Retrieval Recertification (Crash Data Group/Bosch 2009)
- Criminal Interrogations and Behavioral Interviews (John Reid & Associates, Inc. 2008)
- Crash Data Retrieval (Crash Data Group/Bosch 2007)
- Highway-Rail Grade Crossing Collision Investigation (International Association of Chiefs of Police 2007)
- Crush Analysis (Illinois Police and Training Management 2006)
- Vericom Accelerometer Certification (Vericom Computers Incorporated 2003)
- Introduction to Crash Data Retrieval (Northwestern Police Association 2003)
- Advanced Accident Reconstruction (Northwestern University 2002)

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- Vehicle Dynamics (Northwestern University 2001)
- Technical Accident Investigation (Northwestern University 2001)
- At-Scene Investigation (Northwestern University 2000)

## **Conferences**

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Illinois Association of Technical Accident Investigators (2002-2012)  
Midwest Association of Technical Accident Investigators (2009)  
Midwest Association of Technical Accident Investigators (2011)

## **Professional Experience and Expertise**

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- Vehicle, Motorcycle, Truck, Pedestrian, and Bicycle Accidents
- Low and High Speed Collisions
- At-scene Photography and Measurement
- Roadway Evidence Examination
- Vehicle Damage and Crush Analysis
- Seat Belt, Airbag, Headlamp and Tire Examination
- Crash Data Retrieval (Black Box Technology)
- Momentum Analysis
- Occupant Kinematics
- Perception and Delay Analysis
- Time, Speed Distance Scenarios
- Computer Generated Scale Diagram Development
- Police and Expert Report Review
- Illinois Vehicle and Criminal Code

## **Professional Affiliations**

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- Recognized Expert by the Accident Reconstruction Network (ARC) (2006-2012)
- Vice President of the Illinois Association of Technical Accident Investigators (IATAI) (2007-2009)
- Recognized as an Expert in the field of Accident Reconstruction in multiple Illinois Counties.

## **Teaching Experience and Presentations**

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- Instructor for Arlington Heights Accident Investigation Unit (2004-2012)
  - Taught Basic Accident Investigation Skills
  - Total Station Equipment and Software Operation
- Presented training on “Accident Investigation and How it Relates to Physics and Mathematics” at St. Viator High School, Hersey High School, Forest View High School, South Middle School, and Thomas Middle Schools.

- Presented training to members of the Arlington Heights Citizen’s Police Academy on “Basic Accident Investigation Skills”
- Presented the findings from a study on various anti-lock brakes vs. no anti-lock brakes on different road surfaces to members at the 2008 IATAI Conference.
- Studied Tractor Trailer Brake Efficiency at the 2010 IATAI Conference.
- Presented at the Illinois Institute for Continuing Legal Education (IICLE) conference on Crash Data Retrieval, or “black box” technology.
- Presented to the Northwest Illinois Bar Association on Crash Data Retrieval, or “black box” technology

## **Summary**

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Michael Cowser is certified through the State of Illinois and the Accreditation Commission for Traffic Accident Reconstruction, (ACTAR #1383), in the investigation and reconstruction of traffic crashes. Michael focuses on civil liability crash reconstruction cases and insurance fraud investigations. Michael has over 16 years law enforcement experience and has testified in several court venues. Michael formally began Closing Velocity Inc. in 2008. Each year in business, Closing Velocity Inc. has increased its case load by over 100%.