MINNEAPOLIS
ORLANDO
SALT LAKE CITY
TALLAHASSEE
TAMPA
WEST PALM BEACH

Please Respond to
Administrative Address:
133 East 143rd Avenue
Tampa, FL 33613

Curriculum Vitae

Matthew W. Hancock

Forensic Consultant

Professional Profile

Mr. Hancock is a Forensic Consultant with Focus Forensics LLC, specializing in field investigations, data collection, vehicle and scene documentation, electronic data retrieval, and inspections of vehicular and roadway systems. Mr. Hancock has over 12 years of experience in data collection and analytical support for engineering teams, including 5 years assisting with intersection design and traffic signalization plan development with the Palm Beach County (Florida) Engineering and Public Works Department – Traffic Engineering Division. His specific Forensic consulting experience includes over 7 years of training, certifications, and experience in investigations and analyses of collision incidents, vehicle dynamics, and transportation safety systems. He has inspected, documented, and analyzed hundreds of passenger vehicles, commercial vehicles, motorcycles, intersection traffic signals, roadway environments, and work zone temporary traffic control layouts.

Mr. Hancock utilizes cutting edge technology to capture evidence and preserve electronic information, including FARO 3D laser scanning, Total Station laser mapping, Bosch CDR vehicle download system, commercial vehicle Engine Control Module (ECM) data extraction systems, unmanned aerial vehicle (UAV) mapping and imagery, speedometer inspection, forensic photography, photogrammetry, and traffic signal data documentation. Mr. Hancock has been trained in the identification and documentation of evidence related to all forms of transportation, including motor vehicles, tractor-trailers, work equipment, motorcycle, bicycles, pedestrians, and other modes of travel. He has experience in gathering and researching roadway related data such as traffic control devices, highway construction work zones, and roadside safety projects.

Licensure and Professional Certification

Certified Bosch Crash Data Retrieval (CDR) Technician

GPS Forensics and Blackthorn Certification

Remote Pilot – Small Unmanned Aircraft System
Federal Aviation Administration

Contact Information

Cell: (561) 561-510-4640
Matt@focusforensics.com

West Palm Beach Office
2656 Greenway Drive
Jupiter, FL 33458

Work Experience

Focus Forensics, LLC
Consultant: *2018-Present*

Kimley-Horn and Associates, Inc.
Forensic Specialist: 2011-2018

PBC Traffic Engineering
CADD Technician: 2006-2011

Advanced Painting Contractors
Vehicle & Equipment Technician:
2005-2006

Professional Development

Axiom Forensic

- Motorcycle Collision Reconstruction, 2018

Berla Corporation

- GPS Forensics and Blackthorn Certification, 2015

DCM Technical Services

- PhotoModeler for Accident Reconstruction Analysis, 2014

Drone Launch Academy

- FAA Part 107 Remote Pilot Course, 2018

EDR Summit

- EDR User's Summit, 2026

FARO Technologies

- Operation of FARO Laser Scanner and Interpretation of Laser Scan Data, 2015

Focus Forensics, LLC

- Transportation Engineering and Accident Reconstruction Insights, 2022
- Transportation Engineering and Accident Reconstruction Insights, 2024
  - Human Factors for Driver Response
  - Traffic Signal Design and Operation
  - Transportation Engineering Sight Distance Standards
  - Automotive Mechanical Systems and Data Acquisition
  - Photogrammetric Methods
  - Video Analysis with Telemetry Data
  - LIDAR Scanning and Data Processing
  - Virtual Crash Applications for Simulation and Animation
  - PC Crash Applications for Steering and Yaw Rate
  - Expert Testimony Regulations and Standards
  - Commercial Vehicle EDR Data Extraction and Analysis
  - Vehicle EDR Systems for Toyota and General Motors
- Transportation Engineering and Accident Reconstruction Insights, 2025
  - EDR Extraction and Analysis Methods for Video Radar Decision Units (VRDU)
  - Acquisition and Analysis Methods for Temporary Roadway Conditions
  - LIDAR Scanning and Data Processing
  - Air Brake Testing Standards and Techniques
  - Heavy Vehicle EDR Extraction and Analysis Methods
  - Drone Mapping Techniques and Processing
  - Data Processing and Analysis with Cloud Compare
  - Photogrammetry Software Methods and Techniques
  - Technology for Capturing Photo/ Video Demonstratives of Available Driver Views
  - Telemetry Overlay Software Techniques and Processing
  - VCrash Animations and Simulations for Pedestrian and Bicycle Collisions
  - Monte Carlo Statistical Analysis for Uncertainty Ranges
  - Human Factors Analysis of Road User Detection and Response
  - Transportation Engineering Design and Limitations for Micromobility Vehicles on Sidewalks
  - EDR Vehicle Yaw and Steering Data Simulation, Analysis and Modeling
  - Contextual Evaluation of Slow-Moving Lead Vehicle Scenarios and Looming Calculations
  - Comprehensive Context Points for Collision Reconstructions

Forensics Pieces

- Low Light and Night-Time Photography, 2017

Kimley-Horn & Associates (KHA)

- Certified Crash Investigator, 2015

Northwestern University Center for Public Safety

- Bosch Crash Data Retrieval (CDR) Technician Level 1, 2013
- Bosch Crash Data Retrieval (CDR) Technician Level 2, 2013
- Traffic Crash Reconstruction II, 2015
- Advanced Driver Assistance Systems for the Crash Reconstructionist, 2026

Pix4D

- User & Public Safety Workshop, 2018

Society of Automotive Engineers (SAE)

- Accessing and Interpreting Heavy Vehicle Event Data Recorders (HVEDR), 2014
- Vehicle Crash Reconstruction: Principles and Technology, 2019
- Accident Reconstruction, The Autonomous Vehicle and ADAS, 2020
- Fundamentals of Vehicle Dynamics, 2021
- Applying Automotive EDR Data to Traffic Crash Reconstruction, 2023
- Advanced Applications of Heavy Vehicle EDR Data, 2023

Virtual Crash

- Collision Simulation and Reconstruction, 2021

World Reconstruction Exposition (WREX)

- World Reconstruction Exposition (WREX), 2023