

Curriculum Vitae Andres Navarro, P.E., DFE, ACTAR, CXL

Civil Engineer



EDUCATION

Bachelor of Science, Civil Engineering,
University of Florida

REGISTRATIONS AND CERTIFICATIONS

Professional Engineer in Florida and
Nevada

Board Certified Diplomate in Forensics
Engineering (DFE)

Accredited Accident Reconstructionist,
Accreditation Commission for Traffic
Accident Reconstruction (ACTAR)

Certified XL Tribometrist (CXL)

Certified Crash Data Recorder System
Technician, Northwestern University
Center for Public Safety

Certified 3D Scanner, FARO
Technologies

Certified Forklift Operator, National
Safety Council

Florida Motorcycle Endorsement, Florida
Department of Highway Safety and
Motor Vehicles

Temporary Traffic Control Advanced
Level, Metro Florida Safety Council

Certified Scuba Diver, Open Water
Scuba Certification, PADI

EANX Diver Certification, NAUI

AFFILIATIONS

Member, National Academy of Forensic
Engineers (NAFE)

Member, Accreditation Commission for
Traffic Accident Reconstruction (ACTAR)

Member, National Association of
Professional Accident (NAPA)

PROFESSIONAL SUMMARY

Mr. Navarro is a licensed professional engineer and board certified diplomate in forensic engineering who practices in the field of Accident Reconstruction. He has investigated and reconstructed hundreds of accidents and incidents, including automobile accidents, construction accidents, slip/trip and fall incidents, and a variety of premises liability incidents. Mr. Navarro has offered expert witness testimony by way of deposition and trial.

PROFESSIONAL DEVELOPMENT

Preservation of Crucial Evidence in Commercial Motor Vehicle Crashes, IPTM (2022)

Powered Industrial Trucks Operator's Permit Course, Sheridan Technical College (2022)

Advanced Human Factors for Traffic Crash Reconstruction, Crash Safety Solutions (2021)

Pedestrian Safety at Intersections: Planning, Design, and Operations, ASCE (2021)

Photogrammetry 4 Forensics, Ai2-3D (2021)

Using Exemplar Vehicle Point Clouds for Improved Collision Investigation and Reconstruction, Leica / Lightpoint (2021)

ADAS to Automated Driving Digital Summit, SAE International (2020)

Accident Reconstruction, The Autonomous Vehicle and ADAS, SAE International (2020)

Walking and Working Surfaces, American Safety Council (2020)

NAFE 2020 Summer Conference, National Academy of Forensic Engineers (2020)

Forklift Train the Trainer Course, ForkliftCertification.com (2020)

OSHA 30-Hr Outreach Training for the Construction Industry, University of South Florida OSHA Training Institute (2020)

OSHA Fall Protection Course, University of South Florida OSHA Training Institute (2020)

Manual on Uniform Traffic Control Devices (MUTCD), Introduction and Overview of Signs, SunCam, Inc. (2020)

ADA Standards for Accessible Designs, Ezekiel Enterprises, LLC (2020)

Florida Building Code 7th Edition: Advanced Course, PDH Academy (2020)

Motorcycle Basic Rider Course, Motorcycle Safety Foundation Continued (2019)

Forklift Certification Course, National Safety Council (2019)

Professional Liability Training, Kimley-Horn (2019)

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AFFILIATIONS (CONTINUED)

Member, Reconstruction Specialists (NAPARS)

Member, ASTM International, E58 on Forensic Engineering Committee and F13 on Pedestrian/Walkway Safety and Footwear Committee

Member, National Society of Professional Engineers (NSPE)

PROFESSIONAL EXPERIENCE

Kimley-Horn and Associates, Inc.
Project Manager/Forensic Engineer,
2013 – Present; Forensic Engineering
Analyst, 2013 – 2016

E.C. Driver and Associates, Roadway
Engineering Intern, 2012

PROFESSIONAL DEVELOPMENT (CONTINUED)

CXLT Certification Program, Excel Tribometers, LLC (2018)

Certified Hyundai & Kia EDR Specialist, Kimley-Horn (2018)

Temporary Traffic Control Advanced Level Training, Metro Florida Safety Council / FDOT (2018)

ADA Basic Building Blocks, ADA National Network (2017)

Human Factors Series, Crash Safety Solutions, Dr. Jeffrey Muttart (2017)

Low Light & Night-Time Photography, Forensic Pieces (2017)

MOT Workzone Traffic Control: Intermediate Refresher, Metro Florida Safety Council/FDOT (2017)

Airfield Pavement Inspection Training, FDOT (2016)

World Reconstruction Exposition, WREX (2016)

CXLT Certification Program, Excel Tribometers, LLC (2015)

Certified FARO Focus 3D Scanner, FARO (2015)

Certified Accident Investigator, Kimley-Horn (2015)

Crash Data Recorder System Technician 1 & 2 Training, Northwestern University/Collision Safety Institute (2014)

Traffic Crash Reconstruction 1, Northwestern University (2014)

PC-Crash Theory: Collision Model, MEA Forensics (2014)

PC-Crash Theory & Validation: Staged Collisions, MEA Forensics (2014)

Maintenance of Traffic Intermediate Level Training, Florida International University/FDOT (2014)

Airfield Pavement Inspection Training, FDOT (2013)

Fall Protection Training, Safety & Risk Solutions (2013)

OSHA Subpart L: Suspended Scaffold Training, Safety & Risk Solutions (2013)

Permit Required Confined Space Entry Training, OSHA (2013)