COLLIN HURLER, P.E., RSP1

EDUCATION:

B.S. in Civil Engineering, Rowan University, Glassboro, NJ, 2016

REGISTRATION:

Licensed Professional Engineer: Arizona, Colorado, Georgia, Nevada, Texas, and Utah

National Council of Examiners for Engineering and Surveying (NCEES) Record Holder – Model Law Engineer (MLE)

EXPERIENCE:

Transportation Engineering Manager, Knott Laboratory, LLC, Centennial, CO, January 2025 to Present

Project Manager, Knott Laboratory, LLC, Centennial, CO, January 2024 to January 2025

Project Engineer, Knott Laboratory, LLC, Centennial, CO, February 2022 to January 2024

Transportation Engineer, Wilson & Company, Inc., Colorado Springs, CO, January 2021 to February 2022

Transportation EIT, Wilson & Company, Inc., Colorado Springs, CO, May 2019 to January 2021

Highway Designer, Hardesty & Hanover, LLC, Mount Laurel, NJ, May 2016 to May 2019

Highway/Traffic Intern, Hardesty & Hanover, LLC, Mount Laurel, NJ, June 2015 to May 2016

Civil Engineering Intern, Bernier, Carr & Associates, Watertown, NY, May 2014 to August 2014

FORENSIC ENGINEERING:

Mr. Hurler has conducted, analyzed, and testified to numerous forensic engineering investigations in a wide variety of fields including, but not limited to:

- <u>Transportation Engineering:</u>
  - Vehicle, bicycle, pedestrian, scooter, and micromobility accidents, collisions, crashes, and falls resulting in both injuries and fatalities
  - Roadway, highway, and multimodal transportation facility design, construction, and maintenance
  - Evidence-based road safety principles and quantitative analysis, nominal vs. substantive safety, the "Safe System" approach, and the evaluation of crash data quality and limitations
  - Human factors in transportation, including the interaction between road user limitations, cognitive workload, positive guidance principles, and roadway infrastructure elements
  - Geometric design of highways and streets, including horizontal and vertical alignments; superelevation design; intersection design; driveway/access design; conflict point analysis, design, and mitigation; roadside design; and design vs operating (posted) speeds
  - Sight distance, including stopping sight distance, intersection sight distance, sight distance on horizontal and vertical curves, decision sight distance, and passing sight distance
  - Permanent and temporary traffic control, including signing, striping, traffic control devices, traffic control plans, temporary construction zones, pedestrian control features, and MUTCD compliance
  - Pedestrian infrastructure, roadway crossings, and pedestrian safety
  - Data-driven diagnosis of safety problems and program evaluation, including network screening, identification of crash patterns, and the selection and implementation of countermeasures

  - School zones and associated vehicular control, pedestrian control, and crossings
  - Utility design, construction, maintenance, and associated impacts to road user safety
  - Layouts, design, and safety of private and commercial properties and parking facilities
  - Analysis of contracts, scopes of work, projects specifications, bids/estimates, RFIs, change orders, etc.
  - Compliance with applicable regulations, codes, standards, and guidance from AASHTO, USDOT, FHWA, NHTSA, MUTCD, NACTO, NCHRP, TRB, SAE, ADA, PROWAG, ADA, AHJs, and more
- Premises Liability:
  - Personal injury, including trip-and-falls, slip-and-falls, step-and-falls
  - Pedestrian walkway safety and footwear, including stairway safety and public/private infrastructure
  - Design, construction, and maintenance of grading and drainage infrastructure and civil infrastructure, including snow and ice removal and mitigation.
  - Lighting and visibility evaluations
  - Compliance with ADA, IBC, IRC, IFC, IPMC, UBC, PROWAG, NFPA, UFAS, ABA, HUD, FHAA, etc.
- Civil Engineering and Construction Defect:
  - Deficient grading and drainage and associated moisture intrusion
  - Degradation, failure, and compliance of asphalt and concrete pavements and infrastructure
  - Stormwater system failure, subsurface utilities, and directional drilling/boring
  - Expansive and unsuitable soils
  - Retaining and landscaping wall collapses and failures
  - Structural and building envelope deficiencies
- Property Insurance and Damage:
  - Hail losses, wind losses, fire losses, freeze losses, snow load losses, pipe bursts, moisture intrusion, and age-related deterioration

TRANSPORTATION ENGINEERING AND DESIGN:

Mr. Hurler has substantial previous experience in the field of Transportation Engineering Design prior to entering the field of Forensic Engineering. This involved providing technical design expertise and leading the design of countless high-profile roadway/traffic engineering projects in numerous states and for dozens of local agencies. His expertise is in roadway and highway design, geometric design, three-dimensional modeling, and development of design plans and detailed cost estimates. He has worked on a wide array of civil and transportation engineering projects including but not limited to major highway projects; both existing and new construction; intersection improvements; sight distance analysis and design; guardrail design; signing and striping analysis and design; utility design; ADA design; sidewalk and shared-use path design; driveway and access design; pedestrian and bicycle facility design; surfacing improvements; safety, capacity, and congestion improvements; site development; bridge replacements; and drainage improvements.

MEMBERSHIPS AND PROFESSIONAL AFFILIATIONS:

Mr. Hurler is a member of the following technical and professional societies:

ASCE	American Society of Civil Engineers	NFPA	National Fire Protection Association
ASTM	International – Committees E58 & F13	NSPE	National Society of Professional Engineers
ITE	Institute of Transportation Engineers	TDI	Transportation and Development Institute

TECHNICAL CONFERENCES AND SEMINARS:

1. "The Geometry of Safety: Understanding Conflict Points, Innovative Roadway Designs, and Forensic Engineering Investigations." Presenter. Knott Laboratory, LLC Continuing Education Seminar, Centennial, CO, February 20, 2026
2. "Understanding and Using the MUTCD." Presenter. Knott Laboratory, LLC Continuing Education Seminar, Centennial, CO, July 18, 2025
3. "Sight Distance Design, Analysis, and Forensic Engineering Investigation." Presenter. Hall & Evans, LLC Continuing Education Series, Denver, CO, June 1, 2023
4. "Introduction to Sight Distance Design and Analysis." Presenter. Knott Laboratory, LLC Continuing Education Seminar, Centennial, CO, November 11, 2022

CERTIFICATIONS AND TRAINING:

- Transportation Professional Certification Board (TCPB) – Roadway Safety Professional 1 (RSP1), Received March 2026 (Certification).
- Institute of Transportation Engineers – ITE Road Safety Professional (RSP) Level 1 Refresher Course, February 2026 (Training).
- Occupational Health and Safety Administration (OSHA) – OSHA 40 Hour Construction Safety and Health, May 10, 2021, Trainer: Curtis Eugene Chambers, 26-607338378 | 26-007334244 (Training and Certification).
- Colorado Contractor's Association – Traffic Control Supervisor, June 18, 2021 (Training).

EXPERT TESTIMONY:

As a result of Mr. Hurler's investigations and analyses, he has been accepted and qualified to testify in state court as an expert in forensic engineering investigations including as an expert in Transportation Design and Construction and Sidewalk Safety, and has provided testimony as an expert related to Asphalt Pavement Maintenance and Pedestrian Walkway Safety.