



## BACKGROUND

Mr. Reilly is a Professional civil engineer licensed in five states and an accredited accident reconstructionist. He specializes in investigation and analysis regarding roadway defects, vehicular and premises liability accidents, civil engineering design failures, road maintenance, roadway safety, code compliance, ADA compliance, engineering design, and transportation planning. Mr. Reilly performs site and vehicle inspections utilizing three-dimensional laser scanning and is certified as a BOSCH Crash Data Retrieval (CDR) Technician. He earned a Bachelor's degree in Civil Engineering from the University of Delaware.

## AREAS OF SPECIALTY

- Accident Reconstruction
- Roadway Defects
- Transportation Engineering
- Signal Timing
- MUTCD Compliance
- Guide Rail Placement
- Work Zones/Temporary Traffic Control
- Civil Engineering Design Failures
- Parking Lot Design
- Pedestrian Pathways
- ADA Compliance
- Premise Liability
- Trip and Falls
- Code/Specification Compliance

## EDUCATION & TRAINING

- Bachelor in Civil Engineering, University of Delaware, 2009

## PROFESSIONAL REGISTRATIONS

- Professional Engineer in the following states:
  - Delaware [Lic. No. 24569]
  - Maryland [Lic. No. 55198]
  - New Jersey [Lic. No. 24GE05194500], 2014 – Present
  - New York [Lic. No. 102135-1]
  - Pennsylvania [Lic. No. PE090558], 2019 – Present
- Full Accreditation as an ACTAR Traffic Accident Reconstructionist (ACTAR #3899); 2019 – Present
- Licensed Remote Pilot, Small Unmanned Aircraft System (Drone)

## PROFESSIONAL EXPERIENCE

### September 2023 – Present | ARCCA, LLC | Civil Engineer & Accident Reconstructionist

- Provides investigation and analysis regarding accident reconstruction, roadway defects, civil engineering design failures, premises liability incidents, road maintenance, roadway safety, code compliance, ADA compliance, engineering design, and transportation planning.
- Compiles background information and surveyed conditions to gather physical evidence and evaluate incidents relative to existing criteria, codes, specifications, guidelines, and industry practices.

### 2019 - 2023 | DJS Associates, Inc. | Civil Engineer

- Provided investigation and analysis regarding roadway defects, vehicular and premises liability accidents, civil engineering design failures, road maintenance, roadway safety, code compliance, ADA compliance, engineering design, and transportation planning.
- Compiled background information and surveyed conditions to gather physical evidence and evaluate incidents relative to existing criteria, codes, specifications, guidelines, and industry practices.

### 2019 | Remington & Vernick Engineers, Inc. | Project Manager

- Responsible for design and management of a variety of infrastructure projects owned by municipalities and local school districts.
- Projects managed include roadway improvements, drainage improvements, improvements to recreational facilities, public building upgrades, and land use applications submitted by private developers.

### 2015 - 2019 | LANDCORE Engineering Consultants | Assistant Project Manager

- Responsible for project management, conceptual layout plan preparation/drafting, project due diligence and feasibility analysis, design/drafting of land development plans, cost estimates, project permitting, construction phase management, and field observation for a variety of commercial and residential development projects.

### 2012 - 2015 | Gannett Fleming | Traffic and ITS Engineer

- Responsible for the planning and design of traffic engineering and intelligent transportation systems (ITS).
- Responsibilities included planning and engineering ITS on a statewide and national level, including planning traffic management centers and designing ITS devices such as CCTV cameras, DMS signs, HAR systems, incident and vehicle detection systems, and RWIS systems, performing technology evaluation and research, developing cost estimates, and developing PS&E packages.

### 2009 - 2012 | AECOM | Traffic and ITS Specialist

- Responsible for the planning and design of traffic engineering and ITS.
- Responsibilities included planning and engineering ITS on a statewide and national level, including planning traffic management centers and designing ITS devices such as CCTV cameras, DMS signs, HAR systems, incident and vehicle detection systems, and RWIS systems, performing technology evaluation and research, developing cost estimates, and developing PS&E packages.

### 2008 | PennDOT District 6-0 | Construction Department Intern

- SR 0422 SEC ITM

### 2007 | PennDOT District 6-0 | Project Management Department Intern

## PROFESSIONAL MEMBERSHIPS

- American Society of Civil Engineers (ASCE)
- National Society of Professional Engineers (NSPE)
- Pennsylvania Society of Professional Engineers (PSPE)
- Institute of Transportation Engineers (ITE)
- National Association of Professional Accident Reconstruction Specialists (NAPARS)