



**DJS**  
a s s o c i a t e s

Forensic Consulting, Technology & Animations

## **TIMOTHY P. REILLY, P.E., ACTAR**

Civil Engineer

### **EDUCATION:**

University of Delaware, Newark, DE, Bachelor of Civil Engineering, 2009

### **PROFESSIONAL LICENSES AND CERTIFICATIONS:**

Licensed Professional Engineer:

- Pennsylvania (Lic. No. PE090558)
- New Jersey (Lic. No. 24GE05194500)
- Delaware (Lic. No. 24569)
- New York (Lic. No. 102135-1)
- Maryland (Lic. No. 55198)

Traffic Accident Reconstructionist (ACTAR #3899)

Licensed Remote Pilot, Small Unmanned Aircraft System (Drone)

### **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)

### **EXPERIENCE:**

**August 2019 – Present**

#### **Civil Engineer - DJS Associates, Inc., Abington, PA.**

Civil / Collision Reconstruction / Municipal / Transportation / Traffic

Provides investigation and analysis regarding roadway defects, vehicular and premises liability accidents, civil engineering design failures, road maintenance, roadway safety, code compliance, engineering design, and transportation planning. Compiles background information and surveying conditions to gather physical evidence and evaluate incidents relative to existing criteria, codes, specifications, guidelines, and industry practices. Use of High-Definition Laser Scanning to document sites. Most cases terminate with written reports and/or court appearances for the presentation of expert testimony.

**January 2019 – August 2019**

#### **Project Manager – Remington & Vernick Engineers, Inc., Conshohocken, PA**

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 public parks & recreational facilities, public building upgrades, and land use applications submitted by private developers.

**February 2015 –  
January 2019**

**Assistant Project Manager – LANDCORE Engineering Consultants, P.C.,  
Wyndmoor, PA**

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.

**March 2012 –  
February 2015**

**Traffic and ITS Engineer – Gannett Fleming, Philadelphia, PA**

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.

**January 2009 –  
February 2012**

**Traffic and ITS Specialist – AECOM, Philadelphia, PA**

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.

**PRESENTATIONS:**

“The Basics of Collision Reconstruction: Electronic Data & the Engineering Analysis”, Prominent Law Firm, Philadelphia, PA, February 2020

**CONTINUING EDUCATION:**

Event Data Recorder Use in Traffic Crash Reconstruction – Level I (Online), Apr. 2020

Improving Pedestrian Crossing Safety at Uncontrolled Locations – An Interactive Approach to Identifying Effective Countermeasures, Abington, PA, Oct. 2019

Sight Distance for All Road Users – An Interactive Approach to Identifying Best Practices, Abington, PA, Oct. 2019

Traffic Crash Reconstruction, Institute of Police Technology and Management, University of North Florida, Jacksonville, FL Oct. 2019

Pedestrian and Bicycle Safety Assessment Studies, Abington, PA, Sep. 2019

Engineering Ethics: The PE as an Expert Witness, Abington, PA, Sep. 2019

Reconstructing Nighttime Collisions: What Makes Them Different, White Plains, NY, Aug. 2019

Stormwater Management 2019, Allentown, PA, Jul. 2019

PA Route 23 Corridor Study, Haddonfield, NJ, Jul. 2019

Philadelphia City Hall Phase 2 North Apron Project, Haddonfield, NJ, Jan. 2019