



## David Mallory

HCI-C, PE, FAACDP

Senior Project Manager

### Department

Engineering Services

**Tel:** (216) 409-5559

**Email:** david.mallory@yaeservices.com

### Locations

Columbus, OH

## Biography

David, or "Bo" as he is known to his friends and family, started life as an "Army Brat" before his parents settled in rural Ohio. Growing up near an Amish community, he became interested in construction at a young age watching a barn raising on a neighboring farm. His senior year in high school, he received an appointment to the United States Military Academy at West Point. In 1992, he graduated with a Bachelor of Science in Civil Engineering and Human Factors Engineering (Ergonomics). David was commissioned a Second Lieutenant in the U.S. Army Corps of Engineers, where he served for ten years and gained experience in management of both small- and large-scale construction projects. Upon leaving the military, he worked as a project manager and site engineer for a development firm in central Ohio. Since 2007, David specialized in managing and conducting investigations into property damage, valuation of loss, and code application as well as providing remediation support.

## Credentials

- HCI-C | HAAG Certified Inspector - Commercial
- PE | Professional Engineer
- FAACDP | FAA Certified Drone Pilot
- HCI-R | HAAG Certified Inspector - Residential

## Representative Consulting Assignments

- Natural Gas Pumping Station | St. Clairsville, OH | Examine station pad to determine cause of soil subsidence.
- Examine Stormwater System | Columbus, OH | Examination of storm water lines and manholes to determine cause of water blockage.
- Roof Collapse in Manufacturing Facility | Toledo, OH | Examine manufacturing facility to determine scope of damage following tow motor impact to column.
- Examine Foundation | Medina, OH | Examination of building foundation to determine cause of cracking.
- Damage to Retaining Wall | Cincinnati, OH | Examine displaced retaining wall following a rain event.
- Examine Residential Roof for Storm Damage | Youngstown, OH | Examination of dwelling roof to identify damage and determine the cause of damage observed.
- Builders Risk, Kent State University | New Philadelphia, OH | Examine tower that fell during construction.
- Examine Bridge | Mansfield, OH | Examination of bridge framing to determine scope of damage following vehicle impact.
- Examine Commercial Roof for Storm Damage | Sandusky, OH | Examination of building roof to identify damage and determine the cause of damage observed.
- Examine Driveway | Columbus, OH | Examination of driveway for code and industry compliance.
- Determine Cause of Moisture Damage in Aquatic Facility | Dayton, OH |

Examine interior and exterior of aquatic facility to determine the source of moisture leading to corrosion of roof framing.

- Examine Installation of Stone Veneer | Dover, OH | Examine building to determine source of water resulting in damage to wood framing behind masonry veneer.
- Examine Building, Post Vehicle Impact | Cleveland, OH | Examine building following impact by vehicle to determine scope of damage.
- Examine Grain Silo | Fremont, OH | Examination of grain silo to determine cause of damage to walls.
- Structural Evaluation of Building, Post Explosion | Cleveland, OH | Examine structural components of building damaged by a fire.
- Examine Roof for Construction Damage | Akron, OH | Examine roof of property damaged by neighboring construction project.
- Structural Evaluation of Building, Post Fire | Grove City, OH | Examine structural components of building damaged by a fire.
- Water Treatment Facility | Canton, OH | Examination of WTF to determine cause of lift station failure.
- Examine Levee | Kanab, UT | Examine levee that failed during spring thaw.
- Determine Cause of Water Runoff | Westerville, OH | Examine construction site to determine source of water flow onto neighboring properties.

## Professional Experience

- 2020 - Current | Senior Project Manager | YA Engineering Services
- 2007 - 2020 | Consulting Engineer | Engineering Design & Testing
- 2006 - 2007 | Project Engineer | WD & Associates
- 2002 - 2006 | Project Engineer | Highland Management Group
- 1992 - 2002 | U.S. Army Officer | U.S. Army Corps of Engineers

## Area of Practice

- ADA Compliance Assessment
- Bridge Engineering
- Building Code Upgrade Review
- Building Envelope
- Condition Assessment
- Construction Administration
- Damage Assessment
- Failure Analysis
- Historic Preservation
- Infrared Thermography
- Litigation Support
- Non-Destructive Testing
- Repair and Rehabilitation Design
- Repair Cost Estimating
- Roofing
- Structural Analysis

## Education

- United States Military Academy - B.S. - Civil Engineering & Human Factors Engineering

## Affiliations

- American Institute of Steel Construction (AISC)

- American Concrete Institute (ACI)
- American Society of Civil Engineers (ASCE)

## Licenses

- PE70469 - Ohio - Professional Engineer
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