

# JOSEPH P. SEPANEK, PE

## Construction Engineer

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### PROLOGUE

*I have always had a passion for solving problems and understanding how systems work. Throughout my career I have used that passion to help improve and implement systems. Coming up with innovative and efficient solutions is a challenge that I enjoy.*



### SELECT PROJECTS

Yale University  
Becton Laboratory  
New Haven, CT

State of Connecticut  
Project No. 92-531 (Contract E)  
New Haven, CT

City of Springfield  
Roger L. Putnam Voc. Tech. High School  
Springfield, MA

U.S. Army Corp of Engineers  
Westover Readiness Center  
Chicopee, MA

### LICENSES & CERTIFICATIONS

- Professional Engineer – Civil: Construction
- Concrete Inspection
- Driven Pile Foundation Inspection
- NACE coating Inspection-Level I
- Hot Mix Asphalt Paving Inspection
- OSHA 10-hour
- HAAG Certified Inspector – Commercial & Residential

### EDUCATION

University of Massachusetts - Amherst  
Bachelor of Science in Civil Engineering -  
2011

## EXPERIENCE

### EFI Global, Nashua, NH

#### Forensic Engineer - Structural

Sept 2018 – Present

- Manage forensic investigations to diagnose and determine modes of possible failure for a variety of structures and building envelopes.
- Complete forensic engineering reports to provide all pertinent information related to cause and origin of failures and providing repair recommendations when requested.

### A/Z Corporation, North Stonington, CT

#### Assistant Project Manager

Sept 2016 – Aug 2017

- Procured subcontracts not awarded during buyout and materials for self-performed activities.
- Lead Subcontractor and Owner's meetings and coordinated MEP meetings.
- Managed smaller projects that were added when a major conflict within the initial project limits arose.
- Worked with sub-contractors to accurately forecast project budget.
- Implemented and Managed the project quality control program using Procore management software.
- Worked with project scheduler to make major changes to schedule and then maintained project schedule using Primavera P6.
- Resolved discrepancies between engineers' drawings and sub-contractor's interpretations.

### Keville Enterprises, Inc. Wethersfield, CT

#### Quality Assurance Construction Inspector

Apr 2012 – Sept 2016

- Provided technical advice on all activities to construction field personnel regarding design requirements, based on engineered drawings and specifications.
- Calculated and submitted payments based on inspections of work completed, using construction management software.
- Inspected and documented project site and evaluated contractor work to detect design deficiencies and ensured conformance to design specifications.
- Tested and inspected structural construction materials to determine the adequacy and strength of foundations, concrete, asphalt, or steel.
- Trained entry level inspection staff of proper inspection procedures and documentation.



### Consigli Construction Co., Hartford, CT

#### Project Engineer

Jun 2011 – Apr 2012

#### Intern

Jun 2009 – May 2011

- Prepared contracts, negotiated revisions, reviewed changes to contract agreements while maintaining positive relationships.
- Assisted in MEP coordination meetings using AutoDesk software.
- Applied green building strategies to minimize carbon output during construction.
- Assisted in schedule updates using Primavera P6.
- Prepared and submitted budget estimates, progress reports, and cost tracking reports.
- Assisted with project team processes: RFI's, submittals, and any changes to contract documents.
- Learned the importance of maintaining safety and quality throughout the construction site.
- Organized and managed pre-construction quality meetings, that were required by the Army Corp of Engineers.
- Studied job specifications to determine appropriate construction methods, materials and lead times.