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## **Sean Pickford, P.E.**

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### **Experience**

Southern Illinois University, Carbondale, IL

Fall 2019

#### **Associate Instructor**

Classes:

- CE495a Senior Design
- CE413 Collection System Design

The City of Carbondale, Carbondale, IL

May 2017 – Present

#### **City Engineer**

Responsibilities:

- Supervise engineering staff of four (4) employees
- Assist the Public Works Director in the development and the Implementation of the City's Capital Improvement Program (6 to 8-million-dollar annual budget), including elements but not limited to budgeting, planning, construction, and management of City capital improvement projects
- Assist City staff with miscellaneous construction and engineering related projects and issues as they arise
- Assist in citizen requests for information and related
- Design, bid and manage the construction of potable water, sanitary and storm sewer, and transportation projects for the City (approximately \$100,000 to \$1,000,000 construction cost per project)
- Manage professional consultation contracts between the City, engineering firms and related
- Assist City staff in securing and renewing various permits that the City is required to secure and maintain by various State/Federal organizations
- Perform steady state and extended period hydraulic modeling of the City's potable water system
- Perform various other duties as the City Engineer

The City of Carbondale, Carbondale, IL

April 2014 – May 2017

#### **Civil Engineer III**

Responsibilities:

- Designed potable water, sanitary sewer, and transportation projects for the City
  - Performed steady state and extended period hydraulic modeling
  - Prepared contract documents including construction plans and specifications for potable water, sanitary and storm sewer, and transportation projects
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- Prepared and submit permitting for potable water, sanitary and storm, and transportation projects
- Assisted in citizen requests for information
- Assisted coworkers with engineering related issues
- Performed project management of municipal construction projects
- Performed construction observation

Clarida & Ziegler Engineering Co., Marion, IL  
September 2010 – April 2014

**Project Manager**

Responsibilities:

- Designed potable water and sanitary sewer projects for local municipalities and water districts
- Performed steady state and extended period hydraulic modeling
- Prepared contract documents including construction plans and specifications for potable, sanitary sewer, and storm sewer projects
- Prepared and submitted permitting for projects from agencies such as state and local road authorities, railroad, IEPA and Army Corps of Engineers
- Assisted clients in preparing applications for funding to potable water and sanitary sewer projects from DCEO, USDA-RD and IEPA with elements including Preliminary Engineering Reports, and Environmental Reports
- Performed client relations including attendance of monthly municipal board meetings
- Performed project management
- Performed construction observation

Benton & Associates, Inc., Jacksonville, IL  
July 2007 – August 2010

**Civil Engineer**

Responsibilities:

- Assisted in the design of potable watermain and sanitary sewer projects for local municipalities
- Performed steady state and extended period hydraulic modeling
- Prepared contract documents including construction plans and specifications for potable watermain and sanitary sewer projects
- Prepared and submit permitting for potable watermain and sanitary sewer projects from agencies such as state and local road authorities, railroad, IEPA and Army Corps of Engineers
- Assisted municipalities with the submittal of NPDES discharge permits and Consumer Confidence Reports
- Assisted in applications for funding to DCEO, USDA-RD and IEPA with elements including Preliminary Engineering Reports, and Environmental Reports
- Performed construction observation

Biagi, Chance, Cummins, London, Titzer, Inc., Evansville, IN  
June 2006 – March 2007

**Project Engineer**

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Responsibilities:

- Helped prepare site drainage and erosion control reports/plans for permitting
- Utilized AutoCAD to create site plans and civil detail drawings
- Assisted in the performance of topographic survey work for design purposes

Southern Illinois University Carbondale, Carbondale, IL  
August 2005 – May 2006

**Classroom Assistant**

Responsibilities:

- Graded homework assignments and quizzes
- Assisted in developing spreadsheets for class assignments
- Aided students with class assignments

Total Pest Control, Eldorado, IL  
January 2003 – August 2005

**Pest Management Professional**

Responsibilities:

- Executed pest management
- Handled customer service
- Performed customer sales

Rent One, Harrisburg, IL  
May 1996 – December 2002

**Store Manager**

Responsibilities:

- Managed and profitably operated rental store
- Managed seven (7) employees
- Provided customer service
- Performed floor sales and rentals

## Education

Southern Illinois University, Carbondale, IL  
**Bachelor of Science in Civil Engineering**  
2006

Accomplishments:

- G.P.A 3.66/4.00 while at SIU
- Achieved Dean's List three semesters

Southeastern Illinois College, Harrisburg, IL  
**Associates of Science**  
2004

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Southeastern Illinois College, Harrisburg, IL  
**Associates of Arts**  
1996

## **Skills and Accomplishments**

- Registered Professional Engineer 062-063698
  - Proficient in Excel, PowerPoint, Word, AutoCAD and WaterCAD
  - Have experience with KY Pipe, Hydraflow, HY8, NRCS TR-55 and Microstation
  - Completed Dale Carnegie training course
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