

# Brooke Bisaga

## Project Engineer-Group Leader - DuPont, Capital Center-North America

Bensalem, PA - Email me on Indeed: [indeed.com/r/Brooke-Bisaga/6ff6ac9de86da7ea](https://www.indeed.com/r/Brooke-Bisaga/6ff6ac9de86da7ea)

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Project Engineer

DuPont, Capital Center-North America - Newark, DE - May 2013 to Present

- Group leader for North America Project Engineers.
- Collaborate with all DuPont businesses across multiple sites to manage capital programs and leverage engineering resources.
- Successfully execute large capital projects, ranging from \$500,000 to \$10,000,000, through the corporate Global Project System with a focus on delivering a quality outcome within cost and schedule.

#### Lead Civil Engineer

DuPont, Wilmington Office Bldg - Wilmington, DE - August 2008 to May 2013

- Managed the development of civil, structural and architectural design packages within the defined scope of project parameters.
- Effectively coordinated between multiple disciplines and functions to ensure project objectives and goals.
- Collaborated and sought input from experienced civil and structural engineers to validate assumptions and analysis for new and existing structures.
- Leveraged structural analysis and 3-D modeling software to perform required design in an efficient manner
- Utilized CAD software to create construction ready detailed drawings and specifications.
- Reviewed design, vendor and shop drawings for adequacy and quality.
- Created, updated and referenced corporate standards and specifications on projects and across the organization.

#### Facilities Engineer

DuPont, Marshall Laboratory - Philadelphia, PA - September 2006 to June 2008

- Completed a number of capital construction projects with a wide range of scope and magnitude.
- Followed a detailed capital project process to ensure all projects were delivered within the scope and quality expectations while monitoring and complying with the defined schedule and budget.

#### Transportation Design Co-op

Site Blauvelt Engineers, Inc - Mount Laurel, NJ - September 2005 to March 2006

Worked closely with transportation design engineers on traffic signalization and mast-arm signage projects.

#### Field Inspector

U.S. Engineering Laboratories, Inc - Broomall, PA - September 2004 to March 2005

Managed project tasks independently to inspect concrete, rebar, masonry, fireproofing, and soils.

### EDUCATION

#### Bachelor of Science in Civil Engineering

Drexel University - Philadelphia, PA

2008

**Bachelor of Science in Architectural Engineering, Concentration in Structural Design,  
Minor in Art History**

Drexel University - Philadelphia, PA

2008

**SKILLS**

SAP, AutoCAD, MicroStation, Microsoft Office

**CERTIFICATIONS**

**EIT**

**Six Sigma Green Belt**