



Bruce Polaczyk

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Bruce Polaczyk is a registered professional engineer in Minnesota. He has over 35 years of experience as a civil engineer which includes building and bridge design, construction inspection, marketing, management, environmental studies and forensic investigations. In addition to his professional engineering career, he also has 8 years of experience as an adjunct instructor at Dunwoody College of Technology. Teaching in the architectural program allowed him to interact with registered architects and gain considerable knowledge about building systems, methods and materials. His broad based knowledge has prepared him to take on the most challenging projects.

Professional Experience

Summary:

Bruce Polaczyk is the staff engineer for Complete Building Solutions (CBS). He is responsible for forensic investigations, generating construction defect reports, civil engineering, and litigation support. Since his employment in 2010, he has sat at the forefront and overseen hundreds of construction defect cases including some of the larger financial construction defect claims in the region.

Experience:

- Staff Engineer, Complete Building Solutions (2010-Present)
 - Investigator of construction defect cases on behalf of homeowner associations and attorneys providing expert witness and forensic science for plaintiff compensation
 - Expert witness on construction litigation projects with case values ranging from \$100,000-\$5,000,000.
 - Inspects all features of residential and commercial properties from the surrounding soils, concrete, and foundations to the peaks of all structures.
 - Engineering plans and specs for commercial projects.
 - Prepares a wide range of construction plans and structural specs including decks, footings, stairways, retaining walls, and boulder walls

- Adjunct Instructor, Dunwoody College of Technology (2003-2011)
 - Taught numerous classes in the architectural and project supervisory programs.
 - Courses included: Statics and Strength of Materials; Wood, Concrete and Steel Design; Concrete and Steel Technology; Professional Practice; Supervision; Field Engineering; Codes; Civil Engineering; and Building Science. Class sizes ranged from as small as six to as large as forty four.
- Senior Project Engineer, Bloom Consultants, LLC (2003-2009)
 - Responsible for overseeing complex building construction plans and marketing.
 - Served as the engineer of record on multiple commercial building projects.
- Manager of the Design Division, Hennepin County Department of Transportation (1996-2003)
 - Responsible for a 35 member Division that included professionals, technicians and support staff.
 - Responsible for the project development of county roads and bridges that were included in the Capital Improvement Program. Included in the project development were environmental studies, permits, budgets, consultant agreements, coordination with public agencies, presentations at city council meetings, presentations at public hearings, plan review and field inspections.
 - Several of the most notable projects he personally managed were the Bloomington Ferry Bridge over the Minnesota River in Bloomington, the Dinkytown Bridge and roadway projects at the outskirts of the University of Minnesota campus in Minneapolis, and the Gray's Bay Bridge project over Lake Minnetonka between Wayzata and Minnetonka.
- Preliminary Design Engineer, Hennepin County Department of Transportation (1986-1996)
 - Responsible for the preparation of preliminary roadway plans.
 - Presentations at city council meetings and coordination with affected property owners.
- Bridge Design and Inspection Engineer, Hennepin County Department of Transportation (1970-1986)
 - Designed approximately 25 bridges on the County Road system.
 - Prepared bridge ratings for over 100 bridges.
 - Inspected over 1,000 bridges.
- Professional Engineer and Draftsman, Mayeron Engineering Company (1964-1995)
 - Drafted numerous construction plans.
 - Prepared the structural design for many residential, commercial and industrial buildings.
 - Conducted building inspections.

Education

University of Minnesota, Bachelor of Civil Engineering Degree 1970

Dunwoody College of Technology, Drafting and Estimating Diploma, Architectural Program 1964

Registration

Licensed Registered Engineer, State of Minnesota, Registration #10377

Lecturer

Guest Lecturer, Dunwoody College of Technology, 2011-Present:

Civil Technology “Asphalt Pavement Design”

Structural Technology, “Long Span Structures”

Complete Buildings Solutions In-House-Training:

Building Science, “Principles of Energy” and “Types of Heat Flow”

“Concrete Technology” and Simplified Concrete Design”

“Wood Technology” and “Simplified Wood Design”

Guest Lecturer, Rogers MN Elementary School:

“Statics and Strength of Materials”

Awards

As an Instructor at Dunwoody College of Technology, was honored with the President’s Award for Teaching Excellence in 2008