

William Akin

Professional Engineer - Federici and Akin, PA

Williamstown, NJ - Email me on Indeed: [indeed.com/r/William-Akin/a3499e5d673211f8](https://www.indeed.com/r/William-Akin/a3499e5d673211f8)

WORK EXPERIENCE

Design Engineer

Federici and Akin, PA - Sewell, NJ - 2005 to Present

Design Engineer

Prepared construction documents; developed grading plans, cost estimates and bid specifications

Managed municipal and utility engineering project budgets for the public and private sector

Oversaw construction management for large and small scale projects

Managed and reviewed work from draftsmen and surveyors to complete design projects to meet deadlines on time

Design Skills

Geometrical Roadway and Rail Design; Site and Subdivision Design; Storm Water Design; Sanitary Sewer Design; Signal Design; Geotechnical Engineering Design; Structural Design

Survey Technician

Worked on survey crews collecting existing conditions of various sites for civil engineer design projects

Staked out locations of property monuments and construction items

Undergraduate Research Assistant

Federici and Akin, PA - 2008 to 2008

Batched various concrete design mixes for material testing

Tested concrete materials for tensile, compression, thermal expansion and electrical conductivity for various research projects.

EDUCATION

Master of Science in Civil Engineering

Villanova University - Villanova, PA

May 2014

Bachelors of Science in Civil and Environmental Engineering

Rutgers University - New Brunswick, NJ

May 2010

Masters of Science in Applied Geosciences

University of Pennsylvania - Philadelphia, PA

SKILLS

Engineering Management

Autocad

Microsoft Office

Design

ADDITIONAL INFORMATION

Professional Engineer in the state of New Jersey