

STEVEN J. NOVOTNY, PE

President/Senior Engineer I

PROFILE

Includes 36 years of experience, designs and manages various structural design projects for Cambria Consultants. Responsibilities consist of industrial/commercial buildings and site development, process facilities, environmental and structural design, coal unloading facilities, environmental permitting and engineering studies.

EDUCATION

Bachelor of Science - Civil Engineering, University of Pittsburgh at Johnstown, 1975

REGISTRATIONS/CERTIFICATIONS/TRAININGS/AFFILIATIONS

Professional Engineer No. PE029139-E, Pennsylvania, 1980

Professional Engineer No. PE 32681, Maryland, 2006

Professional Engineer No. PE 74923, Ohio, 2010

Various Technical and Professional Seminars through PSPE:

- Seminar on latest Steel Manual (ASD & LRFD), Thirteenth Edition, 2007
- Managing Multiple Projects, Objectives and Deadlines, 1993
- Structural Vibrations, 1992
- Underground and Aboveground Storage Tanks, 1991
- Avoidance of Large Structural Failures, 1990
- Structural Design of Cylindrical Bins & LRFD, 1989
- Pavement Maintenance and Evaluation, 1986
- Bridge Inspection, 1982

Current *PSPE Johnstown* Chapter State Director

Member of American Society of Professional Engineers

Member of American Society of Highway Engineers

Member of American Institute of Steel Construction

AWARDS

Recipient of Young Engineer of the Year Award, 1989

Recipient of Distinguished Leadership Award, 2000

PUBLICATIONS

Author: "Fly Ash/Lime/Aggregate Roadway Base Course of Keystone Stream Generating Station Ash Haul Road" 1985

"Coal Storage Bins for Homer City Generating Station Unit No. 3" 1990

Co-Author: (with C.R. Kertell and J.F. Wagner of Gilbert Associates)

"Conemaugh: Lime Neutralization is Key to Leachate, Surface-Runoff System"

Co-Author: (with R.L. Schneider and R.G. Burkee of Gilbert Associates)

"Reinforcement of an Existing Boiler Building for a 1300 KIP Load Increase"

PROFESSIONAL EXPERIENCE

President/Sr.Engineer/Project Manager (2004-Present)

Cambria Consultants, Inc., Johnstown, PA 15904

- Senior Engineer/Project Manager of numerous electric generation structural projects
- Project Engineer for commercial construction project
- Site Engineer for wind energy projects

Senior Engineer (2004-2007)

CME Engineering, Somerset, PA 15501

- Project Manager of Coal Unloading Project for major utility
- Design/Project Engineer for structural/civil engineering municipal projects

Project Engineer/Manager (1993-2004)

Reliant Energy (formerly Penelec/GPU/Sithe), Johnstown, PA 15907

- Responsible for budgeting and oversight of all capital projects at Shawville Generating Station
- Managed the Warren Generating Station Closure
- Provided structural/civil engineering assistance to all Reliant Energy Mid-Atlantic Region facilities

Project Design Engineer (1982-1992)

Pennsylvania Electric Co., Johnstown, PA 15907

- Designed numerous environmental, roadways, structural, hydraulic, and geotechnical projects

Project Engineer (May 1978-December 1982)

H. F. Lenz Company, Johnstown, PA 15907

- Managed and designed several urban roadway reconstructions, stream relocations and highway renovation projects
- Supervised from one to three draftsmen/designers

Safety Engineer/Construction Supervisor (November 1975-May 1978)

Quaker Sales Corporation, Johnstown, PA 15907

- Responsible for sales, management, design and construction involving construction materials and techniques (including concrete overlays, structural crack repairs and concrete restorations)
- Managed and assigned construction crews; conducted inventory control and developed construction cost estimates
- Handled various additional station projects for company bituminous concrete plants including the design and construction of spill prevention and water treatment facilities

Field Engineer (May 1975-November 1975)

Pitometer Associates, 100 Church Street, New York, NY

- Performed numerous tests for Municipal Water Distribution Systems

PARTIAL PROJECT EXPERIENCE

Managed numerous projects including initial Engineering studies, preliminary and final detail design, procurement, construction and completion documentation. Provided technical consulting to generating stations, and was responsible for the review of stormwater drainage studies for several urban shopping centers. Served as project engineer and inspector-in-charge of a roadway reconstruction project in conjunction with the Pennsylvania Department of Transportation. Managed from one to four inspectors and was Project Design Engineer for Pennsylvania Electric Company. A list of previous projects includes the following:

Senior Engineer-Cambria Consultants

- Engineer multiple platform structures for Reliant Energy Power Plants
- Project Manager for expansion of Millwork Solutions facility
- Site and structural review of wind data monitoring towers
- Perform analysis of numerous steel structures for Reliant Energy Power Plants
- Manage numerous projects and up to 12 Engineers and Design Technicians

Project Engineer-CME Engineering

- Rail Coal unloading project for Electric Generator in Western PA
- Develop specifications for numerous construction projects
- Structural analysis and review for several coal company facilities
- Site/Civil engineering/permitting for Commercial Developments

Project Manager-Reliant/Sithe/GPU/Penelec

- Warren & Shawville Stations

Project Engineer

- Shawville Station

Detail Design Engineer

- Homer City Station
- Conemaugh & Keystone Stations
- Penelec wholly owned stations including Front Street & Williamsburg Station

Lead Design Engineer-Homer City Station

- Conemaugh & Keystone Stations
- Shawville Station

Project Engineer/Inspector-in-Charge/Inspector- H.F. Lenz Company

- Millcreek Road Flood Reconstruction Project

Lead Design Engineer

- Elk Run Flood Reconstruction Project
- Strayer Run Flood Reconstruction Project
- Griffith Run Flood Reconstruction Project
- Cheney Run Flood Reconstruction Project
- Millcreek Road Flood Reconstruction Project
- City of Johnstown Street Reconstruction Projects
- Nittany Mall (and other Crown American Malls)
- Stormwater Analysis

Sales Engineer-Quaker Sales Corp.

- Pennac Asphalt Products - Johnstown & Barnesboro
- Completed Pressure Injection of Cracks in Concrete
- Structures (e.g.: Various bridges, abutment walls, floors, etc.)
- Epoxy/Aggregates Overlays
- Miscellaneous Specialty Construction Projects

Design Engineer

- SPCC Plans for Asphalt Plants
- Wastewater Equalization Ponds for Barnesboro Plant

Field Engineer-Pitometer Associates

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- Water Waste Survey-City of Pittsburgh and City of Philadelphia