

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

HERBERT HELLER JR., P.E. Civil Engineer

PROFESSIONAL EXPERIENCE

2006 to present **Robson Forensic, Inc.**
Associate

Provides technical investigations, analyses, reports, and testimony in areas of civil engineering, including workplace safety and OSHA compliance. Areas of expertise include:

- NY State Labor Law/OSHA
- Construction defects and injuries
- Building failures because of construction activities/building defects
- Concrete and asphalt pavement defects/streets and roads
- Trips and falls
- Substructure and appurtenance defects
- Contract surety bonding
- Contractor defaults
- Bid packaging, review/evaluation, and award
- Coordination of mechanical, electrical, and plumbing services
- Construction scheduling and cost estimating
- Construction site operation/means, methods, supervision

2003 to 2006 **Independent Consultant**
Consultant

Consultant to sureties and large completion contractor. Services included all phases of construction management, surety consulting, financial analysis, administration of payment bond claims, and litigation support.

2000 to 2003 **Cashin Spinelli Heller & Ferretti, LLC**
Partner

Multi-disciplinary firm providing engineering and consulting services to the surety and construction industry. Services included all phases of construction management, surety consulting, administration of payment bond claims and litigation support.

Major Projects

- Highway construction in Chicago, IL
- Site development in California
- Schools in Massachusetts
- Construction of new addition to a nursing home in Suffolk County, NY
- HUD housing in North Carolina
- Several government housing and public works projects in Puerto Rico.

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1996 to 2000 **Cashin Associates, P.C.**
Surety Account Manager

Managed various surety projects for an engineering consulting firm to the surety and forensic industry. Services included all phases of construction management, supervision and administration of payment bond claims, and litigation support.

Major projects

- \$25 million contract completion at the Cedar Creek Wastewater Treatment Plant in Nassau County, NY
- \$21 million contract completion of a bus garage in Dallas, TX
- Completion of schools, condominiums, Coast guard housing and water treatment facilities in Puerto Rico.

1995 to 1996 **Camp Dresser & McKee**
Principal Engineer

Oversaw the construction management efforts in the New York City area. Responsible for client contact, cost control, scheduling and administration.

Major projects

- Purchase and installation of equipment for a NYCDEP wastewater treatment plant tank-cleaning prototype system
- Underground tank closure/soil remediation project in Paramount, CA
- Participated in two NYCDEP value engineering study workshops for the upgrade and expansion of two wastewater treatment plants in New York City.

1989 to 1995 **Metcalf & Eddy**
Associate/Construction Manager

Oversaw a field office of more than 20 engineers and inspectors responsible for the construction at the upgrading of the Owls Head Water Pollution Control Plant, Brooklyn, NY. The project, under a ten-year Consent Decree schedule, encompassed rebuilding the entire plant using 25 construction contracts having a total value of approximately \$345 million. Responsible charge of all aspects of construction site activity, client contact, contract administration, disputes and claims management, and liaison with plant personnel.

1981 to 1989 **Camp Dresser & McKee**
Principal Engineer

Construction Manager at the \$106 million modification and upgrading of the Mamaroneck Wastewater Treatment Plant in Westchester County, NY. Responsible charge of all aspects of construction site activity, client contact, contract administration, disputes and claims management, and liaison with plant personnel.

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Prior to the Mamaroneck project, served as Team Leader for the Construction Services team in the New York office. Responsible charge of all aspects of construction site activity, client contact, contract administration, disputes and claims management, and liaison with plant personnel.

Major Projects

- Phase I and II landfills in Gloucester County, NJ Phase I landfill in Cumberland County, NJ
- Phased improvements of the Cedar Creek Water Pollution Control Plant in Nassau County, NY
- Seven VOC removal facilities for Jamaica Water Supply Co. in Nassau County, NY
- Trunk-sewer river crossing in Union, NJ
- Expansion of secondary wastewater treatment plants in South Fallsburg and Loch Sheldrake, NY

1977 to **PRC Consoer Townsend, Inc.**

1981 *Resident Engineer*

Resident Engineer responsible for the construction of the Cedar Creek Groundwater Recharge Facilities; two final sedimentation tanks; and a sludge dewatering facility, in Nassau County, NY.

1976 to **Spearin, Preston & Burrows, Inc.**

1977 *Office Engineer*

Assisted in the estimating and engineering department of a marine contractor.

1972 to **URS/Madigan-Praeger, Inc.**

1976 *Field Engineer*

Assisted the Resident Engineer responsible for the construction of the \$63 million upgrading and expansion of the Hunts Point Water Pollution Control Plant, Bronx, NY.

PROFESSIONAL CREDENTIALS

Registered Professional Engineer: New York, New Jersey, and Pennsylvania

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EDUCATION

M.S. Management, Polytechnic Institute of New York, 1978

B.S., Civil Engineering, Manhattan College, Riverdale, NY, 1972

Representative Continuing Education:

OSHA 10-Hour Course, February 2010

General Safety & Health Provisions

Fall Protection

Personal Protective & Lifesaving Equipment

Materials Handling, Storage, Use & Disposal

Hand & Power Tools

Scaffolds, Cranes, Hoists, & Conveyers

Excavations

Stairways & Ladders

Confined Space

OSHA Fall Protection in Construction,

Decatur Professional Development, August 17, 2006

Guardrail Systems

Personal Fall Arrest Systems

Safety Net Systems

Warning Line Systems

Controlled Access Zones

Waterproofing – How to Diagnose and Prevent Water Intrusion,

Boccia Inc., May 25, 2006

Study of Leaks above Grade and Below Grade

Parapet Walls

Lintels

Foundation Leaks

Suspect Architectural Building Details

PROFESSIONAL MEMBERSHIPS

National Society of Professional Engineers (NSPE)

American Society of Civil Engineers (ASCE)