

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

JOSEPH A. FILIPPINO, P.E.
Civil/Highway Engineer

PROFESSIONAL EXPERIENCE

2005 to **Robson Forensic, Inc.**

present *Associate*

Provide technical investigations, analyses, reports, and testimony for failure analysis and towards the resolution of commercial and personal injury litigation involving roadway contributing causes, civil engineering design and construction.

2002 to **Greenman-Pedersen, Inc. (GPI)**

2007 *Vice-President*

Responsible for establishment of GPI in Pennsylvania. Supervised work involving highway and bridge design, construction management, construction inspection, traffic engineering, surveying and photogrammetry, coatings, land development, and construction claims.

1998 to **SITE-Blauvelt Engineers**

2002 *Vice-President*

Responsible for operations of the Harrisburg, PA engineering office, covering Pennsylvania, Maryland, Virginia and South Carolina. Initiated the design/build project delivery process.

1968 to **Pennsylvania Department of Transportation**

1998 *Central Office Director/Bureau of Construction and Materials* 1986-1998

Responsible for construction standards and quality assurance procedures; materials and construction specification development; materials source and plant certification/inspection; materials sampling and testing; prequalification; safety and labor compliance; and claims avoidance and/or resolution. In charge of over 160 professionals and technicians and an annual budget of \$12,000,000. Responsible for construction program administration of lettings averaging over \$1 billion annually. Provided direct liaison with 11 Assistant District Engineers for Construction. Department representative in formal Alternative Dispute Resolution (ADR) Process for major construction claim on Schuylkill Expressway and on the Blue Route around Philadelphia. Liaison with Asphalt (PAPA), Concrete/Aggregate (PACA), Concrete Payers (ACPA), Contractors (APC), Associations and FHWA on all construction/materials issues. Served as Charter Steering Committee member of National Quality Initiative representing PA/AASHTO to ensure and enhance the quality of the constructed product. Established Partnering Steering Committee throughout Department. Served on TRB Committee on claims, prequalification and concrete research projects. Responsible for bringing Construction and Materials Management System and Construction Documentation System operational. Responsible for establishment of Construction Management Training Workshop and

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establishment of Northeast Center for Excellence in Paving Technology, a joint training/certification program for construction/materials inspectors.

District 8-0 Assistant District Engineer — Maintenance 1984-1986
Responsible for directing, controlling, planning, and organizing the maintenance of State-owned highways/bridges in the eight counties comprising District 8-0. In charge of nearly 1000 professionals, technicians, equipment operators and skilled/semi-skilled laborers and an annual budget of approximately \$60,000,000 providing routine maintenance/department force construction, winter operations, traffic engineering, and equipment/fleet management.

District 8-0 Assistant District Engineer — Design 1982-1984
Responsible for directing, controlling, planning, and organizing the design functions of District 8-0. In charge of over 100 professional, technical and skilled employees. Responsible for design and development of plans/contracts of all State-owned highway/bridge improvements, including surveys, utility relocations, right-of-way plans and acquisitions. Preparation of comprehensive long-range capital planning program for the District.

Central Office Special Assistant to the Deputy Secretary for Highway Administration 1980-1982
Assisted Deputy Secretary in his capacity as line supervisor of the 11 Engineering Districts and 4 Central Office Bureaus. Coordinated operations, evaluated programs, developed performance standards, and expedited major facilities. Monitored budgets and schedules to capitalize use of available funds. Recommended contract awards/rejections. Communication/coordination with private and public entities.

Central Office Special Assistant to the Chief Engineer 1979-1980
Assisted Chief Engineer in his capacity as line supervisor of the 11 Engineering Districts and 4 Central Office Bureaus. Coordinated operations, evaluated programs, developed performance standards, and expedited major facilities. Monitored budgets and schedules to capitalize use of available funds. Recommended contract awards/rejections. Communication/coordination with private and public entities, including private and public entities.

Central Office Civil Engineer IV 1973-1979
Responsible for design of highway projects in the southwestern (Pittsburgh) part of the State encompassing Districts 10-0, 11-0 and 12-0. Supervised civil engineers in reviewing, revising, and approving preliminary and final designs, and design location and environmental studies. Required a knowledge of design standards, procedures, and practices. Monitored design schedules; established priorities.

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- Bureau of Design Civil Engineer III* 1968-1973
Responsible for review of design of highway projects encompassing Districts 2-0, 3-0, 8-0, and 9-0 including all types of facilities and studies, design, location and environmental.
- 1966 to 1968 **Los Angeles County Flood Control District**, Los Angeles, California
Civil Engineer
After a one-year training program rotating throughout the organization, permanent assignment made to construction unit, where reviewed final construction plans and contract documents, and did field inspections.

PROFESSIONAL REGISTRATION

Professional Engineer: Pennsylvania

EDUCATION

B.S. Civil Engineering, Newark College of Engineering, Newark, NJ, 1966

Continuing Education:

Highway/Bridge Engineering Executive Program, Penn State University, 1982
Commonwealth Management Training Program, PA Dept. of Transportation

PROFESSIONAL AFFILIATIONS

American Society of Highway Engineers (ASHE), member

While with PA Department of Transportation, served as department representative to AASHTO, 25 years; AASHTO Subcommittee on Construction, 12 years