

Lawrence J. O'Connor, PE, LS, F. NSPE

Education:

Bachelor of Science, Civil Engineering, 1973
Union College, Schenectady, NY

Master of Public Administration, 1979
Graduate School of Public Affairs, SUNY at Albany

Multivar, LLC, Technical Consultant:

11/10 - Consultant - New York Representative and East Coast Manager for the **International Accreditation Service, Inc.**
Present performing quality assessments for over 400 organizations for Accreditation of Special Inspection Agencies, Testing Laboratories, Inspection Agencies, Product Certification Agencies, Building Departments and Calibration Labs to international standards in the New York region and throughout the US, Canada, the Middle East, Europe, Asia, West Africa and Central America. During 2015 assigned the lead role for IAS in Qatar through 2017. In 2018 returned to a more general role with duties in US/Canada, Europe, the Middle East, Asia and Africa. In his role as a technical and management consultant serves as Managing Director of Multivar, LLC.

M.G. McLaren, P.C., West Nyack, New York:

8/06 - Deputy Chief – Bridge, Highway and Rail Division – design project manager, major NYC DDC project to rebuild six
11/10 pedestrian bridges over railroads in Manhattan, Queens and the Bronx as well as support to several other bridge projects. During April 2008 to March 2009 managed support NYC Department of Building's supervision of Tower Cranes used in high-rise construction. The project provided Peer Reviews for Tower Crane design and installation, NDT and plumbness checks. From November 2010 through June 2013 continued role with the firm as Industry Liaison representing the firm in the region.

In September 2006 also became the Principal Land Surveyor of an affiliated company; **LandMetrics Engineering and Land Surveying, P.C.** to perform Land Surveying. Managed the new division performing surveys for hundreds of property, ROW, utility mapping and topographic projects for private, industrial, State and municipal clients in the five boroughs, northern NJ, the lower Hudson Valley and Long Island. Also managed hydrographic surveys for bridge scour studies for NYSDOT, MTA Bridges and Tunnels, LIRR, MNR as well as numerous hydrographic surveys for various marinas and waterfront projects in the NYC and Baltimore metro areas.

State of New York:

3/03 Director, Management Services, Office of Design (CE 4) – Thruway Authority, Albany, NY

8/06 Responsible for leading several functions in the Office of Design including Utilities, Permits, Railroads, Metals, Fiber Optic Backbone Network, Drafting, Survey, ROW and Quality Assurance. Accomplishments include development of a backlog analysis tool to predict design workload for NYSTA's multi-billion dollar capital program.

3/00 - Maintenance Operations Project Manager (CE 4) – Thruway Authority, Albany, NY

3/03 Staff engineer reporting to the Superintendent of Thruway Maintenance. Varied Thruway-wide assignments in Bridge, Highway and Facilities programs. Supervised development of information technology applications for Maintenance Engineering. During 2000-2002, served as the DBA for the NYSTA Bridge and Sign Inspection Management Systems.

1/97 - Division Canal Engineer (CE 4) - Buffalo Division - Thruway Authority/Canal Corporation

3/00 Responsible for operation and maintenance of the western division of the Erie Canal from the Niagara River in the Tonawandas to the Monroe County line east of Fairport. Managed a staff of 145 with an operating budget of \$4.8 million.

8/95 - Director, Office of Canal Project Development - Thruway Authority/Canal Corporation

1/97 Responsible for implementation of the NYS Canal Revitalization Program to develop seven Canal Harbors and 96 Port and Lock projects across the 524 mile State Canal System and a property survey of eight canal reservoirs in Herkimer, Oneida and Madison Counties.

6/91 - Civil Engineer 2 (Structures) - Thruway Authority / Structural Design Bureau

7/95 Design for rehabilitation and replacement of highway bridges. Appointed as design squad leader in April 1994. Special projects included design support to the Syracuse Canal Harbor Project and a study for the restoration of the Peebles Island North Bridge. Supervised a staff of five and several consultant design teams.

2/88 - Senior Park Engineer - Office of Parks, Recreation and Historic Pres. / Facilities Development Bureau

6/91 Key central office position: liaison for OGS design and construction services, capital projects program coordinator, consultant management coordinator and Chairman of agency design automation subcommittee.

10/84 - Civil Engineer 2 - Department of Transportation / Design Bureau / Consultant Management

2/88 Negotiated and managed consultant contracts for highway and bridge design.

Niagara Mohawk Power Corporation:

5/82 - Associate Quality Assurance Engineer - QA Regional Coordinator

10/84 Responsible for QA program for Albany and Glens Falls regions; PCB's and hazardous materials, hydro, electric T&D, and paving. Nuclear QA program duties, team member on a major site audit of Nine Mile II construction project and numerous vendor audits. Completed qualifications for Nuclear Lead Auditor.

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C.T. Male Associates, P.C., Latham, New York:

7/79 - Project Engineer - Land Development Section - development engineering; sanitary, water, storm drainage and streets for large residential and commercial subdivisions. Municipal landfills: design, construction and permits.

City of Schenectady, New York:

5/78 - Senior Civil Engineer - Department of Engineering and Public Works
7/79 - Designed sanitary and storm sewers, sanitary landfill, recreation facilities and city streets.

State of New York:

6/73 - Junior Engineer, Assistant Civil Engineer - Department of Transportation / Main Office
5/78 - Various engineering duties: highway design, utilities accommodation, safety research, public transportation and materials.

Land Surveying and Engineering Private Practice:

7/85 - Principal - O'Connor & O'Connor, Land Surveyors, P.C.
5/97 - Lot surveys, acreage surveys, topographic surveys and minor subdivisions.

5/97-8/06 Lawrence J. O'Connor, PE, LS - Practice as Land Surveyor

11/10 - Lot surveys, acreage surveys, topographic surveys, flood elevation certificates and minor subdivisions.

Present - Occasional sanitary system design in conjunction with the surveying practice

Recent Professional Organization Service:

National Society of Professional Engineers

2010-15 - Licensure & Qualifications for Practice Committee

2015-17 - Committee on Policy and Advocacy

2015-17 - House of Delegates Representative

New York State Society of Professional Engineers

2020-22 - Professional Engineers in Government Chair

2015-16 - President, NYSSPE

2014-15 - President-Elect, NYSSPE

2010-14 - State Treasurer, NYSSPE

2004-06 - Secretary, NYSSPE Professional Engineers in Government Practice Division

2001-02 - President - Capital District Chapter

2000-01 - Capital District MathCounts Coordinator

2000-01 - President-Elect - Capital District Chapter

1999-00 - Vice-President, NYSSPE Land Surveying Practice Division

1999-00 - 2nd Vice President - Erie-Niagara Chapter

1998-99 - Secretary - Erie-Niagara Chapter

1996-97 - 1st Vice-President - Capital District Chapter

1995-96 - 2nd Vice President - Capital District Chapter

1994-95 - Area 4 Membership Chairman

The Practicing Institute of Engineering

2004-22 - Trustee (3-year terms)

2004-15 - Vice President (1-year terms)

The Foundation for Engineering Education

2002-08, 2010-16 - Director (2-year terms)

2002-08 - President (1-year terms)

NYS Association of Professional Land Surveyors

2008-20 - ENYSLS Board Member (three year terms)

1979-92, 2004-present - Member

Municipal Engineers of the City of New York

2007 - Present - Member

International Code Council

2012 - Present - Member Professional

Capital District National Engineers Week Future City Competition

2009-13 - Member, Judging Committee

2002-08 - Steering Committee Member

2001-02 - *Chair, Founding Committee*

Lower Hudson Valley Engineering Expo

2007-2013 - Finance Chair

Capital District Engineers Week Committee

2005-08 - Treasurer

2003-05 - Continuing Education Chair

2000-03 - Program Chair

Highway Engineering Exchange Program (Area 1)

2002-03 - Thruway Representative & *Co-Chair Host Committee (with NYSDOT)*

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Recent Training: 2009 - IAS Lead Evaluator Training (BDA)
2009 - IAS Special Inspection Agency Training
2011 - IAS/ ISO 17020 and 17025 Training
2011 - IAS Assessors Forum - 17020 & 17025 and Accreditation Criteria
2012 - ICC Structural Bolting, ICC Structural Welding, Energy Code Compliance
2015 - IAS Assessors Forum - 17020 & 17025 and Accreditation Criteria
2017 - IAS Assessors Forum - 17020 & 17025 and Accreditation Criteria
2018 - IAS 17021 Training for Management System Certification Body Accreditation
2019 - IAS 17021 Training in the IAF Mandatory Documents

Academic Experience:

10/11 **Lecturer on Quality Management Systems and Accreditation to International Standards** - more than a dozen two-day events in NYC plus numerous speaking engagements in New York, Philadelphia, Qatar, Kuwait, KSA, Nigeria and the UAE.

1/98- Adjunct Faculty Member – Daemen College, Amherst, New York
5/99 Taught HSM 350: Grants and Contract Development and MIS 280: Computer Studies and Problem Solving

Elected Offices:

1/82 - Supervisor - Town of Duanesburg, Schenectady County, New York
12/83 Chief Fiscal Officer of Town and Chairman of Town Board. Responsible for the fiscal operation of the town government and general oversight of all town operations.

4/77 - Mayor - Village of Delanson, Schenectady County, New York
12/81 Chief Executive Officer of Village and Chairman of Board of Trustees. Responsible for all municipal operations including animal control, finance, fire protection, planning, street maintenance, sanitation, and water supply and distribution.

Military Service:

NY Air National Guard - Enlisted June, 1970
Honorable Discharge in June, 1976

References:

Provided upon request.