

William F. Lyons Jr.

Professional Background

Over twenty two years of experience advising clients regarding transportation, land use, environmental, and security matters. Demonstrated technical and managerial expertise on a wide range of project types and services. Proven leader of multidisciplinary teams and organizations. Accomplished professional in technical services, legal services, government affairs, and thought leadership. Global experience, with current and past projects in Latin America and the Middle East.

Experience

The Fort Hill Companies – President & Chief Executive Officer 2008-Present
Fort Hill Infrastructure Services LLC, Fort Hill Architecture LLC, Fort Hill Realty Advisors

CEO of a family of architecture, engineering, planning, & constructions services firms providing planning, permitting, design, and advisory services to clients in a wide range of service areas across with a global reach. Responsible for strategic direction of the firm, including business development, performance, leadership, and management. Responsible for advising clients on matters pertaining to master planning; site development; site feasibility; land use planning; community planning; urban design; permits and entitlements; due diligence; real estate advisory services transportation permitting, planning, and design; public procurement; and funding sources and programs; Provides program management services and oversees a wide range of technical consultants. Provides technical advisory services on security matters, including performance of threat and vulnerability services and security engineering services.

Integritas, LLC – Principal Owner 2012-Present

Principal of a professional services firm offering forensic engineering, independent claims cost analysis, and expert witness services to the insurance, legal, and construction industries. Supporting insurance subrogation, legal defense, and claims administration using a unique combination of engineering technical knowledge and business acumen built on a foundation of understanding legal principals and precedents. Claims range from highway appurtenances, to wet and dry utilities infrastructure, to bridges, tunnels, and buildings.

Six Ten Technologies LLC – Principal/Owner 2014-Present

Founder and owner of a product development and marketing firm focused on technologies to address transportation industry needs. Provisional patent holder for a vehicle miles traveled (VMT) technology designed to revolutionize surface transportation funding and revenue collection. Actively developing and marketing additional technology based products. Seeking investors and product development partners, as well as marketing venues and potential buyers.

Experience (Continued)

Law Office of Wm. F. Lyons Jr. 2007-Present

Independent attorney providing legal service for real estate and related fields. Draft and negotiate letters of intent, offers to purchase, purchase and sales agreements, commercial leases, and documents for commercial real estate transactions. Perform commercial due diligence. Perform residential real estate closings and title searches.

United States Army Reserve – Colonel 1989-Present

Colonel in the U.S. Army Corps of Engineers and in Military Intelligence. Currently serving as Commander, 2500th Military Intelligence Group, Jacksonville, Florida. Qualified as a Joint Officer and Joint Planner. Previous assignments at the tactical, operational, and strategic levels. See Addendum for Military Biography.

Land Strategies Group, LLC – Director & General Counsel 2007-2009

Director of a professional services firm providing advice to real estate and transportation clients in a wide range of service areas. Through a family of subsidiary companies, responsible for advising clients on matters pertaining to site feasibility; land use planning; community planning and urban design; permits and entitlements; due diligence; transportation permitting, planning, and design; public procurement; funding sources and programs; and overseeing technical consultants. Also served as in-house counsel for corporate matters. Experienced with all forms of entitlements, including special permits, zoning variances, comprehensive permitting (40B), Wetlands Protection Act, MEPA, MassHighway, etc.

Traffic Solutions, LLC - President & Principal 2004-2008

Chief Operating Officer of a multidisciplinary engineering and planning consulting firm with 15 employees. Responsible for advising clients on matters pertaining to site access and feasibility; transportation policy, planning, and design; access entitlements; and overseeing technical deliverables. Primary focus is identifying site access solutions in order to maximize utilization and value. Provided expert testimony services for clients, including appeals in Superior Court and Land Court. Led the company through the first four years of the firm's existence, resulting in gross revenue of \$3.0 million per year.

City of Somerville, MA - Director of Traffic & Parking 1999-2004

Mayoral appointee responsible for all transportation planning, traffic engineering, traffic operations, parking control, parking enforcement, revenue collection, and parking violations processing in the City. Served as the Executive Director of the Traffic Commission. Served on the Capital Planning Committee, guiding investment decisions for all capital improvements citywide. Provided professional advice to the administration for more than 100 development proposals seeking approval from the Planning Board and/or ZBA. Participated in the drafting of zoning ordinances.

Experience (Continued)

HTSD, Inc. - Senior Project Manager/Traffic Department Head 1994-1999

Managed an engineering staff providing a full spectrum of technical and professional services to public and private sector clients. Provided clientele with support for the development, planning, design, and construction of transportation improvements projects. Permitted and designed off-site improvements for land development clients.

Massachusetts Highway Department - Civil Engineer 1992-1994

Managed and designed a variety of complex projects. Performed more than 300 technical peer reviews of submissions to MassHighway, including Traffic Impact and Access Studies, Environmental Impact Reports (EIRs), and applications for access to state highway. Drafted Section 61 Findings for major land use projects.

Education

- **Suffolk University Law School** Boston, MA
Juris Doctor
- **North Dakota State University** Fargo, ND
Master of Transportation & Urban Systems
- **U.S. Army War College** Carlisle, PA
Master of Strategic Studies
- **Norwich University** Northfield, VT
Bachelor of Science in Electrical Engineering
- **Joint Forces Staff College, National Defense University** Norfolk, VA
Graduate Diploma
- **U.S. Army Command & General Staff College** Ft. Leavenworth, KS
Graduate Diploma
- **Upper Great Plains Transportation Institute** Fargo, ND
Transportation Leadership Graduate Certificate
- **Framingham State College** Framingham, MA
Graduate Certificate, Land-Use Planning & Development
- **Cochise College** Sierra Vista, AZ
Associate in Applied Science in Intelligence Operations

Academic Appointments

- **U.S. Army Command & General Staff College** Ft. Leavenworth, KS
Adjunct Faculty, Command & General Staff Officer's Course

Professional Licenses and Certifications

- Admitted to the Massachusetts Bar
- Licensed Professional Engineer: MA, CA, NH, RI, NJ, ME, VT, CT, FL
- National Council of Examiners for Engineers and Surveyors Record Holder
- International Registry of Professional Engineers
- Licensed Professional Planner: New Jersey
- Licensed Real Estate Broker: Massachusetts
- American Institute of Certified Planners (AICP): Member
- Professional Traffic Operations Engineer (PTOE): Certification

Professional Affiliations

- **Institute of Transportation Engineers**
International Task Force on Ethics, 2001-02; Northeast District Nominating Committee, Chair, 2005 and Student Chapter Coordinator, 1998-99; New England Section President, 2003; Board of Directors, 1999-2003; Editor, New England CHRONICLE, 1999-2000; Legislative Liaison, 1997-99; Young Professionals Group, Chair.
- **Other Affiliations**
 - Urban Land Institute, Co-Chair, ULI Boston Infrastructure Council, 2010-Present
 - American Society of Civil Engineers/Boston Society of Civil Engineers, Co-Chair, Government Affairs & Professional Practice Committee, 2011-Present
 - Society of American Military Engineers, National Joint Engineer Contingency Operations Committee, Member
 - American Planning Association
 - Transportation Research Board

Civic Activities

- Member, Norwich University Alumni Association Board of Directors, 2013-Present
- Delegate, US International Trade Administration, Trade Mission to South India & Sri Lanka, 2013
- Greater Boston Bus Rapid Transit Study, Member, 2013-14
- City of Boston Green Ribbon Committee, Transportation Steering Committee, Member, 2013-14
- Boston Society of Civil Engineers, Legislative Fellow, Massachusetts State Legislature, Joint Committee on Transportation, 2009-2010
- Appointed Member, Designer Selection Committee, Massachusetts Department of Housing & Community Development (DHCD), 2006-2010. Vice Chair, 2010
- Elected Member, Town of Natick Planning Board, 1993-1996
- Elected Member, Town of Natick Town Meeting, 1993-1997
- Member, Town of Natick Municipal Complex Advisory Committee, 1995-96
- Member, Board of Directors, William Rizzo Community Foundation, 1995-1997

Publications

- Banker & Tradesman, Periodic Opinion Column
 - *If Mexico City Can Invest in Transportation, Why Can't We?*, March 17, 2014
 - *Public Transportation: A Matter of Fairness, Boston's Forthcoming Mobility Action Plan Must Be Equitable*, June 2, 2014
 - *A Taxing Question: Repeal of Indexed Gas Tax Would Have Far Reaching Implications*, July 7, 2014
- "Application of Electrical Circuit Theory to Traffic Calming Planning & Implementation," *New England Chronicle*, New England Institute of Transportation Engineers, May 2014
- "A Transportation Option: Local Option Taxes. With New State Funds Unlikely, Cities Need to Act," *Commonwealth Magazine*, March 24, 2014 (co-author)
- "US Contractor Engineering Support to Contingency Operations: The Essential Role of US Design Firms," *The Army Engineer*, March 1, 2014
- "Funding for Transit: Past, Present, and Future," *Journal of Planning & Environmental Law*, American Planning Association, May 2013
- "Funding for Transit: Past, Present, and Future. What it Means for the MBTA," *Boston Society of Civil Engineers*, Section Newsletter, April 2013
- "Fare Increases, Ridership, and Economic Development," *New England Chronicle*, New England Institute of Transportation Engineers, May 2013
- "Designer Selection Committee Supports Affordable Housing," *Boston Society of Civil Engineers*, Section Newsletter, December 2008
- "Designing Traffic Signals for Full Accessibility," *New England Chronicle*, New England Institute of Transportation Engineers, August 1995 (co-author)
- "The Application of Advanced Traffic Control Devices: Intelligent Transportation Systems for Suburban Communities," *IMSA Journal*, International Municipal Signal Association, January 1996
- "Parking Enforcement and Residential Permit Parking Programs: The Somerville Experience," *Parking Today*, June 2004 (co-author)
- "Security for the Built Environment," *The Military Engineer*, Society of American Military Engineers, September 2004
- "Transportation Systems Security: A New Imperative," *New England Chronicle*, New England Institute of Transportation Engineers, September 2004
- "Massachusetts DEP Clarifies Jurisdiction Under the Wetlands Protection Act," *The Green Gavel*, Suffolk University Environmental Law Society, Spring 2005
- "Effectiveness of Strobes on Improving Violation Rates at Pedestrian Signals," *ITE Journal*, Institute of Transportation Engineers, November 2005 (co-author)
- "Estimating Gaps for Pedestrian Traffic Signals," Proceedings of the Annual Meeting of the Institute of Transportation Engineers, August 2006 (co-author)

Presentations and Speaking Engagements

- Lorman Seminar – Smart Growth and Transportation, 2008
- Periodic Guest Lecturer at UMass Amherst and Merrimack College
- “Intelligent Transportation Systems in the Suburban Environment,” International Municipal Signal Association (IMSA), New England Section Annual Meeting, 1996
- “Advanced Traffic Management Systems for Municipalities,” American Public Works Association (APWA), New England Chapter Annual Meeting, 1997
- “Y2K Implications for Traffic Signal Operations,” Institute of Transportation Engineers (ITE), District #1 Annual Meeting, 1999
- “Estimating Gaps for Pedestrian Traffic Signals,” International Annual Meeting of the Institute of Transportation Engineers, 2006
- “Legislative Perspectives on Transportation Funding”, Intelligent Transportation Society of America, Massachusetts Chapter, Annual Meeting, 2009
- Keynote Speaker, Engineering Convocation, David Crawford School of Engineering, Norwich University, 2012

Expert Witness Testimony and Litigation Consultation

Qualified as an expert witness

- United States Bankruptcy Court , MA
- Massachusetts Land Court, Boston, MA
- Norfolk Superior Court, Dedham, MA
- Middlesex Superior Court, Cambridge, MA
- Bristol Superior Court, New Bedford, MA
- Worcester District Court, Worcester, MA
- Boston Municipal Court, New Bedford, MA
- Taunton District Court, Taunton, MA
- Woburn District Court, Woburn, MA
- Westborough District Court, Westborough, MA
- Salem District Court, Salem, MA
- Attleborough District Court, Attleborough, MA

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Addendum Military Biography of William F. Lyons Jr.

TOTAL YEARS OF SERVICE Over 24 years

PRESENT RANK/GRADE: COL/O-6

PRESENT ASSIGNMENT: Commander, 2500th Military Intelligence Group, Jacksonville, FL

SECURITY CLEARANCE: Top Secret with SCI Access and Counter Intelligence Polygraph

MILITARY SCHOOLS ATTENDED

- U.S. Army Infantry School – Airborne Course
- U.S. Army Intelligence Center & School – Military Intelligence Officer Basic Course
- U.S. Army Intelligence Center & School – Military Intelligence Officer Advanced Course
- Foreign Materiel Intelligence Battalion – Opposing Forces Vehicle Operators Course
- Foreign Materiel Intelligence Battalion – Opposing Forces Weapons Course
- Foreign Materiel Intelligence Battalion – Technical Intelligence Analyst Course
- 1st USARFS-I – Standardized COMSEC Custodian Course (Distinguished Graduate)
- 1st USARFS-I – Security Managers Course (Honor Graduate)
- Headquarters, Forces Command – Special Security Officer (SSO) Training Course
- 203rd MI Battalion – Technical Order of Battle Analysis Course
- U.S. ARRTC – FORSCOM USAR Company/ Detachment Precommand Course
- 203rd MI Battalion – Threat Systems and Emerging Technologies Course
- U.S. Air Force Special Operations School – Dynamics of International Terrorism
- Combined Arms and Services Staff School (CAS3)
- Command & General Staff Officers Course (CGSC-ILE)
- HUMINT Training Joint Center of Excellence - Defense Strategic Debriefing Course
- U.S. Army Transportation School - Sr Transportation Officer Qualification Course, Marine Terminal
- U.S. Army Transportation School - Sr Transportation Officer Qualification Course, Highway Rail
- Joint Military Intelligence Training Center - J2X Staff Operations Course
- Joint Forces Staff College - Advanced Joint Professional Military Education
- U.S. Army War College

DUTY QUALIFICATIONS

- Military Intelligence Branch
- Corps of Engineers
- Transportation Branch
- Joint Qualified Officer

MAJOR DUTY ASSIGNMENTS

COMMAND:

- Commander, 372nd Military Intelligence Company, Fort Devens, MA
- Commander, 6th Battalion (Military Intelligence), Fort Devens, MA
- Commander, 2500th Military Intelligence Group, Jacksonville Naval Air Station, FL

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KEY STAFF POSITIONS:

- Aide-de-Camp, 94th Army Reserve Command
- Battalion S-2, 325th Military Intelligence Company, East Windsor, CT
- Collection Requirements Manager, Analysis & Control Element, B Co., 519th Military Intelligence Battalion (Airborne) / 29th Infantry Division (Light) / Multinational Division (North), Stabilization Forces Bosnia, Tuzla, Bosnia & Hercegovina
- Battalion Assistant S-3, 325th Military Intelligence Company, Kuwait/Iraq
- Human Intelligence Operations Officer, Iraqi Theatre of Operations, Combined Joint Task Force 7, Baghdad, Iraq
- Battalion S-3, 6th Battalion (Military Intelligence), Fort Devens, MA
- Battalion Executive Officer, 6th Battalion (Military Intelligence), Fort Devens, MA
- Operations Officer/Strategic Debriefing, 3300th Strategic Intelligence Detachment, Fort Belvoir, VA
- Chief, Intelligence Engagements Branch, Joint Reserve Intelligence Support Element, United States European Command, Army Reserve Element – European Command Joint Analysis Center, Fort Meade, MD
- Deputy Director, Joint Reserve Intelligence Support Element, United States European Command, Army Reserve Element, European Command Joint Analysis Center Detachment 8, Fort Meade, MD

INDIVIDUAL AWARDS

- Bronze Star Medal
- Defense Meritorious Service Medal
- Meritorious Service Medal (with 1 Oak Leaf Cluster)
- Army Commendation Medal (with 3 Oak Leaf Clusters)
- Joint Service Achievement Medal
- Army Achievement Medal
- Army Reserve Components Achievement Medal (with 4 Oak Leaf Clusters)
- National Defense Service Medal (with 1 Bronze Service Star)
- Armed Forces Expeditionary Medal
- Southwest Asia Service Medal (with 1 Bronze Service Star)
- Iraq Campaign Medal (with 2 Bronze Service Stars)
- Global War on Terrorism Expeditionary Medal
- Global War on Terrorism Service Medal
- Military Outstanding Volunteer Service Medal
- Armed Forces Reserve Medal (with Silver Hourglass, "M" Device, and Numeral 2)
- Army Service Ribbon
- Overseas Service Ribbon
- Reserve Components Overseas Training Ribbon (with Numeral 2)
- NATO Medal (Bosnia)
- Combat Action Badge
- Parachutist Badge
- Overseas Service Bar

UNIT AWARDS

- Joint Meritorious Unit Award (with 3 Bronze Service Stars)
- Meritorious Unit Commendation