

## *Curriculum Vitae*

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### **Adamson E. Streit, MBA, PMP**

Mr. Streit is currently a Project Manager at Marine Systems Corporation, in Boston, MA.

In 2013, Mr. Streit earned his Project Management Professional (PMP) Certification. He received a Master's in Business Administration from the University of Rhode Island in 2007 and BS in Engineering from Northeastern University in 2004. Adam brings a diverse set of skills that enable him to systematically and pragmatically approach any problem. His business acumen and technical background allows him to move between both technical and non-technical communities with ease.

Prior to joining Marine Systems Corporation, Adam was a Transit Planning Manager at Jacobs Engineering Group in Boston, MA. Before joining Jacobs, Adam worked in the High Performance Computing division of Bolt, Beranek and Newman (BBN) Technology (acquired by Raytheon in 2009) in Middletown, RI.

### **Professional Experience**

**The Adelaide Group, LLC**  
*Barrington, RI*

2012 – Present

Co-founder and principal of The Adelaide Group – a small transportation consulting company providing services to organizations and governments looking to enhance, optimize or expand existing public transit in North America. Tasking includes proposal & grant writing oversight, independent technical reviews of feasibility studies, and technical consultation.

*Year Professional Services Completed: Ongoing*

**Marine Systems Corporation (MSCorp)**  
*Boston, Massachusetts*

2011 – Present

#### **Landing Craft, Air Cushion (LCAC) Technical Manual Development**

*Project Manager*, acting as Deputy Program Manager, supervising the development, publication and acceptance of over 2,000 craft specific system technical manuals for the US Navy's Landing Craft, Air Cushion (LCAC) Service Life Extension Program (SLEP). Duties include:

- Oversee personnel creating craft-specific availability (scheduled non-deployment maintenance period) parts lists from technical drawings, Craft/Ship Alts, and ensure consistency between parts lists and availability work specifications.
- Document long-lead time material to be purchased by Navy prior to availability.
- Lead, supervise, direct, plan & schedule, and establish workload for staff to meet constantly changing Navy schedule and priorities.
- Manage the day-to-day operations of on and off-site personnel.
- Liaise closely onsite with NAVSEA personnel to ensure deliverables are completed on-time, information provided is technically accurate, and the project is within budget.
- As requested by sponsor, responsible for tasking related to "special projects" within the LCAC program.

*Year Professional Services Completed: Ongoing*

### **Special Projects**

Project Manager responsible for tasking related to “special projects” in the LCAC program, as requested by the sponsor.

*Year Professional Services Completed: Ongoing*

### **LCAC Material Services**

Project lead, analyzing LCAC repair documentation/drawings/shipalts to develop craft-specific parts lists for upcoming LCAC maintenance availabilities (e.g., SLEP, ROH). Data from this list included, but was not limited to reference drawing numbers and revisions, part numbers (manufacturer and NSN, as applicable), pricing, product description, performance data, vendor contact information and lead time estimates. All information was obtained from commercial and government parts databases (e.g., Haystack, Email). To minimize the overall impact to schedule, all potential bidders are provided with a long lead-time material list of Government Furnished Material (GFM). This enables the contractor more accurately bid a job, and allows for greater government cost control and oversight.

*Year Professional Services Completed: Ongoing*

### **LCAC Virtual Tour**

Project Manager for LCAC Virtual Tour – an interactive and data driven standalone platform used to provide visual overview of the Navy’s active LCAC fleet. This virtual tour provides the required balance in delivering an easy to use front-end interface while centralizing all the required files (e.g., availability specifications, engineering drawings, technical manuals, and photographs) and storing them in a convenient and searchable system that automatically updates when new data is received.

*Year Professional Services Completed: 2014*

### **Virtual Tour White Paper**

Experience with the LCAC Virtual Tour was the basis of a Virtual Tour white paper. It was briefed to company officers and explored the potential MSCorp entry into the Virtual Tour sector. Specific market sectors are examined, the types of tours analyzed, and an overall marketing and business development strategy was proposed for MSCorp. A Rough-Order-of-Magnitude (ROM) internal investment plan to overhaul and improve the existing Virtual Tour platform was developed along with a sample budget, payback period analysis, an estimated Return-On-Investment (ROI) and a list of potential customers.

*Year Professional Services Completed: 2013*

### **MSCorp Website**

Present Webmaster of Marine System Corporation website: [www.mscorp.net](http://www.mscorp.net). He is responsible for maintaining and updating the website as-needed. He also created and maintains MSCorp’s LinkedIn social media page.

*Year Professional Services Completed: Ongoing*

### **Jacobs Engineering Group**

2007 – 2011

*Boston, Massachusetts*

Mr. Streit’s work assignments at Jacobs spanned a wide variety of tasks, ranging from marine transportation and engineering projects to modal technology assessments. Technically, he specialized in performing detailed operational analyses; infrastructure needs assessments determination; estimating capital and operating costs, and conducting feasibility studies. His work assignments included projects for GO Transit in Toronto, Canada, the Maine Department of Transportation (Maine DOT), South Portland City Bus Service, the Massachusetts Bay Transportation Authority (MBTA), Harvard University’s Allston Development Group, the Rhode Island Department of Transportation (RIDOT), the Providence Foundation, Jacksonville

Transportation Authority (JTA), Plaquemines Parish in Louisiana, and Behar, Ybarra & Associates in Puerto Rico.

**Rhode Island Department of Transportation (RIDOT), South County Commuter Rail Extension, Providence, RI**

Operations lead, developing schedule for RIDOT's *South County I* extension from Providence to Wickford, RI. Proposed schedule allowed service to initially connect to T.F. Green airport, and then be extended south to Wickford once the station and other infrastructure upgrades are operational. Service schedules were designed to have a negligible impact on existing Providence line timetable. Developed stringline graphs in support of the planned extension. Coordinated stringline effort with local freight carriers and passenger operators. Creatively configured and adapted the Authority's existing equipment cycle to support the extension.

The proposed service is designed to provide RIDOT with additional operational flexibility—if RIDOT decides to extend service south of Wickford to Kingston and Westerly, the existing service will accommodate the extension. Also, should RIDOT construct additional stations south of Providence in West Davisville, East Greenwich, Cranston, and Olneyville, or north of Providence in Pawtucket, there will be no impact to existing MBTA service in Massachusetts.

*Year Professional Services Completed: 2012*

**Nassau County, NY, Nassau Hub Transit Study, Nassau County, NY**

Operations lead for the Nassau Hub Study Alternatives Analysis (AA) and Environmental Impact Statement (EIS) to define new transportation options improve access and mobility, and to promote economic development in the Study Area. Developed preliminary trip times and capacity requirements. Documented infrastructure improvements for alternatives that would service the proposed Hub. These requirements are variable and change depending on the mode and type of vehicle chosen. The modes under consideration were Bus Rapid Transit (BRT) and Light Rail Transit (LRT), and they have very different physical characteristics such as acceleration and deceleration profiles, turning radii, and maximum grade operability. Once the preferred mode is determined, a Service Design plan and an Operations plan can be written.

*Year Professional Services Completed: 2011*

**North Fulton Community Improvement District (CID), Atlanta Northside Strategy Study, Atlanta, GA**

Project planner. Developed detailed order of magnitude cost estimates for proposed LRT, BRT and HRT alignments for communities lying outside the I-285 beltway in northern Atlanta. Costs for connections to downtown Atlanta were also explored. Estimates were developed following the FTA's Standard Cost Category (SCC) model. Unit costs were derived from recent MARTA transit projects in Atlanta. Various types of rolling stock were also studied.

*Year Professional Services Completed: 2011*

**Maine DOT, Portland to Montreal High-Speed Rail Feasibility Study, Augusta, ME**

Technical lead investigating the feasibility of extending existing *Downeaster* service from Portland north to Auburn, Bethel, and Montreal, Que. Met with the host railroads (Pan Am and the St. Lawrence and Atlantic) and the *Downeaster* operator to ascertain their current operations, future operational and infrastructure needs, and their level of support for an intercity service extension. Developed preliminary service plans for each service corridor that would allow for service to be extended north to Auburn, Bethel and Montreal without any impact to the existing *Downeaster* operations. Conducted an infrastructure analysis to determine the extent of upgrades and capital investment required to operate all service options.

*Year Professional Services Completed: 2011*

**Maine DOT, Portland North Alternatives Analysis Study, Augusta, ME**

Technical lead investigating the feasibility of introducing commuter rail service between communities to the east (Yarmouth, Brunswick and Bath) and communities to the north (Auburn and Lewiston) and Portland. Researched and analyzed historical passenger operations and station locations along the study corridor. Conducted an existing conditions analysis and developed running times for potential services along three potential service corridors. Developed preliminary service plans for each service corridor. Performed a capital and operating cost analysis for all service options.

*Year Professional Services Completed: 2011*

**MBTA, Ferry Vessel Specification, Boston, MA**

Project Manager leading the Authority's effort in developing a technical specification for a new, competitively bid vessel for addition to the Authority's inner harbor ferry service. A detailed service review was conducted to ensure that any new vessel will meet the current and future operations of the MBTA. The specification incorporates input from various operators in and several key areas from passengers. It also states that any new vessel must at a minimum conform to all relevant Coast Guard regulations, address all applicable ADA requirements, and not exceed the EPA's Tier 3 emission requirements. An option for a second vessel is also considered. Since Federal funds for the vessel will be used, any new boat(s) must last at least 30 years and adhere to the Buy America Act requirements.

*Year Professional Services Completed: 2011*

**MBTA, HVAC Bid Specification, Boston, MA**

Project Manager creating a bid specification for procuring equipment to retrofit and oversee the installation of a "green" HVAC system for the Authority's inner harbor fleet. Jacobs will represent the MBTA during the installation, testing and acceptance of the new system, when the new system will be installed during the off season.

*Year Professional Services Completed: 2011*

**MBTA, Waterjet Overhaul Specification, Boston, MA**

Project Manager overseeing the formation of a standard specification for the MBTA to govern the overhaul of its MJP Series 500 waterjets for its inner harbor services fleet. Upon completion of the specification, this document will be used by the Authority for all future waterjet overhauls. Jacobs will represent the MBTA during the installation, testing, and acceptance of the new waterjet.

*Year Professional Services Completed: 2011*

**Massachusetts Bay Transportation Authority (MBTA), Foxborough Commuter Rail Feasibility Study, Boston, MA**

Technical lead investigating the feasibility of offering fulltime commuter rail service from Gillette Stadium in Foxborough, MA to Boston. Service developed would significantly expand upon the Authority's special event only train service to the Stadium. Three service options were developed. Two options utilize the Authority's existing equipment, and one option requires an additional consist. Performed a capacity analysis looking at line capacity, terminal (South Station) capacity, seating capacity, parking capacity, maintenance and midday and overnight layover capacity, and ADA accessibility. Developed operating and capital costs estimates for the proposed service and performed an economic analysis.

*Year Professional Services Completed: 2010*

**Behar, Ybarra, & Associates (BYA), San Juan Carolina Bus Rapid Transit Operations Analysis, San Juan, Puerto Rico**

Planner developing detailed operating costs for the four (4) BRT scenarios that would operate along an eight mile corridor between the Tren Urbano station at Rio Piedras and Roberto Clemente Stadium. For planning purposes, BRT service was assumed to operate the same as Tren Urbano. Costs take into consideration the costs five major categories of operating costs: 1) Transportation (operator, overtime, spare-board, supervision, dispatching, proof-of-payment, and fuel), 2) Maintenance of Equipment, 3) Facilities (e.g., stations, ticket vending machines, buildings), 4) Maintenance of Way (street upkeep, exclusive rights-of-way, intersection signal priority, etc.), and 5) Administration. Costs were developed using San Juan Bus and Tren Urbano operating statistics.

*Year Professional Services Completed: 2010*

**Jacobs Jordan Jones & Goulding, Plaquemines Parish Ferry Service Enhancement, Belle Chasse, LA**

Technical Lead in evaluating developing plans to improve the overall service reliability while providing the Parish with information regarding acquisition of additional vessels. Tasks performed include: 1) review of the existing ferry operations, fleet, duty cycle, landside configurations, ridership, and fare structure; 2) overview of the recommended maintenance cycles for various systems and components on each ferry, 3) analysis of improvements to the existing ferry service, including consolidated operations and simultaneous loading and offloading of the vessels; and 4) review of the available funding sources for acquiring additional ferries to the fleet.

*Year Professional Services Completed: 2010*

**MBTA, West Natick Parking Garage Evaluation, Boston, MA**

Supported an engineering study to restart a design for a parking garage at the MBTA's West Natick Station. Conducted an evening passenger audit at West Natick in support of station maintenance of service. Developed several alternatives for station maintenance. Assisted Project Manager with project management coordination and administration.

*Year Professional Services Completed: 2009*

**Providence Foundation, Intrastate Commuter Rail Feasibility Study, Providence, RI**

Technical lead studying the feasibility of introducing an intrastate commuter rail service in Rhode Island linking major communities and transportation facilities in the state. Conducted an existing and future condition analysis along Amtrak's Northeast Corridor and the Providence and Worcester mainline. Developed potential service scenarios and performed an operating cost analysis, and determined infrastructure requirements for each service alternative.

*Year Professional Services Completed: 2009*

**GO Transit, Stouffville Light Rail Feasibility Study, Toronto, ON**

Conducted a capital and operations analysis of 32 service options for the introduction of offpeak service on the Stouffville Branch using self-powered rail cars. Analyzed railway operations, schedule impacts, necessary infrastructure upgrades, and cost estimates to determine the preferred service options.

*Year Professional Services Completed: 2009*

**Jacksonville Transportation Authority, First Coast Commuter Rail Feasibility Study, Jacksonville, FL**

Researched and analyzed historical passenger operations and station locations for evaluating the potential for adding commuter rail services to the Jacksonville area. Conducted a maintenance facility location analysis to determine the most optimal location in Jacksonville for such a base. Developed a list of requirements for the maintenance facility based on similar existing facilities requirements in the US.

*Year Professional Services Completed: 2009*

**Harvard-Allston Transportation Master Planning, Cambridge, MA**

Contributed to a transit technology assessment linking Harvard's Cambridge campus with the planned campus expansion southward across the Charles River to the Allston neighborhood of Boston. Performed an in-depth analyses focusing on travel times, route development and infrastructure requirements for standard bus, bus rapid transit, streetcar, light rail and detachable grip aerial gondola technologies. Developed preliminary operation schedules for services. Assisted in the development of capital, operating, and 50-year life cycle costs for each mode.

*Year Professional Services Completed: 2009*

**MBTA, Bike Parking Improvement Project, Boston, MA**

Supported the MBTA in improving its bicycle parking capacity at existing rapid transit and commuter rail stations. Assisted in development of initial station inventory. Worked with Project Manager with project coordination and administrative matters.

*Year Professional Services Completed: 2010*

**BYA, Tranvía de Carolina Light Rail Transit Operations & Maintenance Plan, San Juan, Puerto Rico**

Planner supporting the development a detailed operations, maintenance and service plan for the proposed Tranvía de Carolina LRT system, a proposed 25-mile light rail network encompassing 32 stations serving two lines with 22 rail cars operating at 10-minute headways. The scope of the operating plan encompasses capacity planning, scheduling, staffing, normal and abnormal operations, revenue collection, operating rules and procedures, maintenance, administration and budgeting.

*Year Professional Services Completed: 2008*

**Medical Academic and Scientific Community Organization, Inc. (MASCO), Ruggles Station Improvement Project, Boston, MA**

Planner supporting a collaborative project evaluating the feasibility of improving infrastructure and increasing commuter rail service at Ruggles Station along Boston's Southwest Corridor. Assisted with development of ridership projections. Performed a capital and operating cost analysis detailing the costs associated with the addition of a platform. Conducted a detailed economic analysis comparing potential benefits of improved service to Ruggles Station with other regional service improvement projects.

*Year Professional Services Completed: 2008*

**George Washington Regional Planning Commission/FAMPO, Transit Policy Plan, Fredericksburg, VA**

Analyst supporting transit service planning for a comprehensive regional long-range transit plan covering the George Washington region in northern Virginia. Conducted level-of-service analysis for each transit scenario.

*Year Professional Services Completed: 2008*

**Charlottesville-Albemarle Metropolitan Planning Organization (MPO), City of Charlottesville, and the County of Albemarle, Charlottesville-Albemarle Regional Transit Authority Plan, Charlottesville, VA**

Analyst preparing equipment inventory and equipment depreciation schedule to support planning for the potential merger of several transit operators in Charlottesville.

*Year Professional Services Completed: 2007*

**BBN Technology**

2004 – 2006

*Middletown, Rhode Island*

*Associate Scientist*, working on U.S. Navy projects. Tasking involved software architecture, GUIs for touch-screens and simulations, real-time data analysis, and Kalman filtering. Created cross-platform startup and test & evaluation plan for Gumstix boards. Member of quality assurance committee for Capability Management Model (CMM) compliance.

**Certifications**

**Project Management Institute (PMI)**, Project Management Professional (PMP)

- Valid: November 2019
- License No.: 1673676

**Education**

**University of Rhode Island**, *Kingston, Rhode Island*

Master of Business Administration, 2007

**Northeastern University**, *Boston, Massachusetts*

Bachelor of Science in Chemical Engineering, 2004

- Minors in German and Chemistry

**Language Skills**

Fluent in Spoken and Written German

Proficient in French

**International Internship**

September - December 2003

**Research Centre for Applied Natural Sciences (FGAN)**,

*(Forschungsgesellschaft für Angewandte Naturalwissenschaft e.V.)*

*Bonn, Germany*

*Assistant Software Developer* for Germany's main government supported radar research establishment.

**Internships**

**Shaw Group** (*formerly, Washington Group*)

March 2003 - June 2003

*Cambridge, Massachusetts*

*Student Technical Assistant*, designed a socket connection between Aspen Zygad and Visual Basic, involving matrix manipulations within Visual Basic. Modified and updated the intranet reference library. Also worked with Fortran files to update an internal company chemical database. Identified and documented "trouble areas" in the Fortran code.

**W.R. Grace,**  
*Cambridge, Massachusetts*

July 2002 - March 2003

*Laboratory Assistant*, responsible for making and evaluating batches of Procor (current market brand) and experimental versions of Procor. Tested for consistency throughout batches. Developed algorithm to determine consistency. Assisted in the spray application of Procor to various surfaces. Created realistic settings to test Procor adhesion and water resistance, given various fixture attachments. Worked with industrial consultants on statistical methods to determine the safe operating range for various company products.

**Aspen Technology (AspenTech)**  
*Cambridge, Massachusetts*

June 2001 - December 2001

*Quality Assurance Engineer*, supporting the English and German editions of AspenTech Engineering Suite (AES) version 11.1. Developed and evaluated test plans used to verify numerical and graphical performance. Automated finalized test plans using Silktest in Windows 98, 2000, NT and XP of both the English and German versions. Teamed with other engineers to meet the scheduled commercial release date of AES 12.1.

**Naval Undersea Warfare Center (NUWC)**  
*Newport, Rhode Island*

July 2000 - December 2000

*Matlab programmer and developer* for a high priority U.S. Navy project on acoustic source localization using passive sonar. Helped design and implement GUIs for the sonar operator workstation. Translated code from C to Matlab, and vice versa. Worked effectively and efficiently within a small group of senior project engineers.

### **Publications**

Nelson, David O., and Streit, Adamson E. (2011). "Rail Transit Safety— A Real Difference Between Cities?" *Transportation Research Record*, Vol. 2219, pp. 42-49.

Nelson, D., Blakey, T., and Streit, A. (2009). "Regional Rail: Scheduling for Connections." *Transportation Research Record*, Vol. 2112, pp. 77-85.

### **Reports and Feasibility Studies**

- Jacobs Engineering Group & AECOM. *Portland to Montreal via Lewiston / Auburn and Bethel High Speed Rail Study*. Prepared for: Maine Department of Transportation. 2011.
- Jacobs Engineering Group & AECOM. *Portland North Alternatives Analysis (AA)*. Prepared for: Maine Department of Transportation. To be submitted in 2011.
- Jacobs Engineering Group. *San Juan de Carolina Bus Rapid Transit Operations Analysis*. Prepared for: Behar, Ybarra, & Associates (BYA). November 2010.
- Jacobs Engineering Group. *Foxborough Commuter Rail Feasibility Study*. Prepared for: Massachusetts Bay Transportation Authority. September 2010.
- Jacobs Engineering Group. *Plaquemines Parish Service Enhancements*. Prepared for: Jacobs Jordan Jones & Goulding. June 2010.
- Jacobs Engineering Group & Gannett Fleming. *First Coast Commuter Rail Feasibility Study*. Prepared for: Jacksonville Transportation Authority. Jacksonville, FL. July 2009.
- Jacobs Engineering Group. *Rhode Island Intrastate Commuter Rail Feasibility Study*. Prepared for: The Providence Foundation. Providence, RI. June 2009.

- Jacobs Engineering Group. *West Natick Parking Garage 30% Design Analysis*. Prepared for: Massachusetts Bay Transportation Authority. May 2009.
- Jacobs Engineering Group. *Light Rail Feasibility Study for the Stouffville Corridor*. Prepared for: GO Transit. Toronto, Canada. March 2009.
- Jacobs Engineering Group. *George Washington Regional Long Range Transportation Study*. Prepared for: Fredericksburg Area Metropolitan Planning Organization (FAMPO). January 2009.
- Jacobs Engineering Group. *Ruggles Station Platform Study*. Prepared for: Medical Academic and Scientific Community Organization (MASCO). Boston, MA. September 2008.
- Jacobs Engineering Group. *Tranvia de Carolina Light Rail Transit Operations & Maintenance Plan*. Prepared for: Behar, Ybarra, & Associates (BYA). September 2008.
- Jacobs Engineering Group. *Harvard – Allston Technology Assessment*. Prepared for: Allston Development Group. Cambridge, MA. August 2008.

#### **Professional Associations**

- *Member*, Project Management Institute (2013 – Present)
- *Member*, Transportation Research Board (2010 – Present)
- *Member*, New England Railroad Club (2009 – Present)

#### **Civic Activities**

- *Member*, Town of Barrington Planning Board (2014 – Present)

#### **Other**

- Active US Government Security Clearance