



Scott O. Kuznicki, P.E.

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Engineering Management Leader, Innovation Advocate, Energy Storage Visionary

Scott O. Kuznicki, P.E., is a business strategy leader with extensive experience in technology integration, applied human factors, and project management. He leads large cross-functional teams in the areas of policy development, planning, design, construction, and operations. Scott is skilled at systems engineering processes and routinely successfully delivers cloud-based management tools.

Scott collaborates across organizations, demonstrating proficiency and depth in executing marketing and sales initiatives. He applies a variety of learned and practiced management philosophies and tactics, including lean techniques and agile approaches and is accepted to sit for the Project Management Professional certification exam. Scott’s peer-centric leadership has led to invited speaking engagements and he is a partner in the ongoing work of organizations addressing logistics and emerging technologies.

CORE COMPETENCIES

LEADERSHIP AND OPERATIONS	TECHNICAL EXPERTISE
Proven project management experience in the delivery of more than \$6 million in technical and engineering documents, public involvement, and construction projects for private companies and State, regional, and local agencies over a 20-year period; skilled in employee development	Built recognized international expertise in the emerging field of infrastructure readiness for autonomous vehicles; five-time chair of the Automated Vehicles Symposium breakout workshop session “Reading the Road Ahead” and featured presenter at international events
PROJECT AND POLICY COLLABORATION	BUSINESS DEVELOPMENT
Corresponding author and lead author for published technical papers and articles and official government reports addressing transportation system management, operations, safety, and resiliency; supported strategic positioning of recognized peers to advance pursuits	Leveraged industry relationships to build a \$1.8 million business line in the USA and UAE focused on new mobility, sustainable transportation, and automated and connected vehicle technology research, testing, and, marketing, and deployment with revenues exceeding quarterly projections

EDUCATION, CERTIFICATIONS, AND PUBLICATIONS

University of Wisconsin – Platteville **Platteville, Wisconsin**
Bachelor of Science in Civil Engineering 2000

Registered Professional Engineer in Wisconsin and Washington State

Commercial Driver’s License with no air brake restriction and Doubles/Triples and Tanker endorsements

FAA Private Pilot Certificate & FAA Unmanned Aerial Systems Remote Pilot Certificate

LeadershipITE Class of 2015, a professionally-delivered executive-level leadership development program

Certified Instructor, National Highway Institute, currently contracted on two programs

COMMUNITY LEADERSHIP

Squadron Commander, Renton Squadron, Civil Air Patrol **Renton, Washington State** (2018 onward)
Motivating more than 100 members in the fastest-growing cadet Squadron in Washington State; overseeing a variety of roles across the organization, including logistics, operations, recruitment, and character development.

Board of Directors, Evergreen Lutheran High School **Tacoma, Washington State** (2007-2012)
Asked to serve as Secretary. Ultimately provided leadership to more than 200 volunteers in executing the purchase and occupancy of a new 30-acre campus, culminating a four-year campus search effort.

Board of Directors, Great Plains Lutheran High School **Watertown, South Dakota** (2013-2015)
Asked to serve as Secretary. Contributed to Board by providing strategic direction and engineering support related to campus expansion, currently underway subsequent to a four-year fundraising process.

PROFESSIONAL HIGHLIGHTS

Discovery Institute (Research Fellow)

Seattle, Washington State (2019-2021)

Awarded the two-year Transportation Futures Research Fellowship for collaborative graduate-level research related to transportation policy and operations with an emphasis on human behavior, machine learning, technology integration, and long-term sustainability of the transportation system.

- Creating technical content and delivering multi-year plan of conferences and seminars in role as the Programs Director of the ACES Northwest Network.
- Delivering leadership in the logistics and energy sectors through a technical program developed in collaboration with peers from across multiple industries, in the Pacific Northwest and beyond.

CDM Smith *Senior Project Manager*

Bellevue, Washington (2019-2020)

Brought onboard as a strategic hire to handle international project turnarounds and launch business growth in the Pacific Northwest. Contributed positively to business processes during a transition period in the firm.

- Developed new quality management processes during project maturity, leading a team of more than 50 to improve technical excellence and client satisfaction for an \$11 million contract in Doha
- Corrected course on \$300,000 project to eliminate cost overruns and prepared project financials and technical work for standby during economic downturn
- Created new technical content and strategies supporting client success in global Smart Cities contracts
- Developed marketing and sales strategy (building on existing and new relationships) that will be the foundation of \$10 million in future transportation and logistics consulting in the Pacific Northwest
- Selected to launch internal efforts to enhance visibility and control of employee development activities.

Transpo Group *Director of Safety & Mobility Technology Solutions*

Dubai, UAE and Kirkland, Wash. (2017-2018)

Recruited by the firm's executive leadership, initially assigned to resolve 350 million dirhams in change orders on the firm's largest project in Dubai, UAE. Appointed to Director role in Pacific Northwest.

- Led international teams conducting project work, adeptly handling cross-cultural, pan-geographic, and contrasting business approaches by employing emotional intelligence tactics
- Successfully delivered projects, including business strategy analysis and execution plans for a private-sector client, resolving conflicts while leading a multi-disciplinary team from multiple organizations
- Built \$1.5 million business line in the Pacific Northwest through organic growth based on relationships.

Toxcel *Traffic Engineering Practice Leader*

Blacksburg, Island, Washington (2014-2016)

Directly hired to support specific federal-market projects, including managing \$1.5 million worth of task order work related to ongoing contracts with multiple federal agencies.

- Inspired interdisciplinary team of scientists, researchers, and engineers; leading proposals and projects
- Published 300-page technical practice guide; led a full-remote team over 24-month period

Parsons Brinckerhoff *Lead Traffic Engineer*

Seattle, Washington (2006-2012)

Recruited by Chicago office to lead engineering work on the Alaskan Way Viaduct and Seawall Replacement Program. Responsibilities included management of quality, communications, and project documentation in addition to leading a technical team of 20 employees in the production of more than \$2 million of design work.

Illinois Department of Transportation *Traffic Field Engineer*

Schaumburg, Illinois (2000-2006)

Developed career as an engineering designer, operations manager, and leadership development.

Minnesota Department of Transportation *Engineering Paraprofessional*

Rochester, Minnesota (1998)

Summer internship focused on developing and deploying new computer tools for roadway structures inventory.

Modern Traffic Consultants *President and Managing Engineer*

Mercer Island, Washington (est. 2012)

Scott's private practice is a Washington State business entity and operated for two years in Sioux Falls, South Dakota. Scott assists public agencies with difficult urban design and planning work and advises confidential clients on machine vision systems, automation, strategy, and management.

<http://www.scottkuznicki.info/>, Scott Kuznicki's on-line professional *curriculum vitae*.

<https://www.discovery.org/p/kuznicki/>, Scott Kuznicki's current research fellowship