APPENDIX A

BARRY S. KNIGHT, PE, CENG, MICE

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Edmonds, WA 98026
USA

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Phone (mobile): (425) 766-6876
Email : barrysknight@gmail.com

EDUCATION	University of Aston, Birmingham, England BS – Civil Engineering, 1964
REGISTRATIONS	Professional Engineer – Washington, California, Alaska and Pennsylvania CEng., MICE – United Kingdom
MEMBERSHIPS	Member, American Society of Civil Engineers Member, American Public Works Association Member, Institution of Civil Engineers, U.K.
PROJECT MANAGEMENT EXPERIENCE	Project Manager involved in the planning, design and construction management of highways and bridges for 40 years
BUSINESS DEVELOPMENT EXPERIENCE	Responsible for business-development activities at a principal or senior level for over 36 years, including initiating client contacts, writing technical proposals, interviewing, and negotiating contracts.
LANGUAGES	English & Spanish – Fluent French & German – Basic understanding

PROFESSIONAL HISTORY

May, 2007 - Present	President & CEO of CTS Engineers, Bellevue, WA
June, 2002 – May, 2007	Executive Vice President & COO of CTS Engineers, Bellevue, WA
2000 – May 2002	Principal/Vice President of TranSystems Corporation, Seattle, WA
1996 – 2000	Principal/Vice President of Kato & Warren, Inc., Seattle, WA
1988 – 1996	Principal/Senior Vice President of TAMS Consultants, Inc., Seattle, WA
1981 – 1988	Business Developer/Project Manager for TAMS Consultants, Inc., based consecutively in New York, NY; Lima, Peru; and Seattle, WA
1978 – 1981	Project Manager for Michael Baker, Jr., Inc. based in Beaver, PA
1974 – 1978	Construction Supervision Manager for Michael Baker, Jr. for 126 km of new paved highway in the Andes mountains of Peru, South America
1972 – 1974	Chief Highway Engineer for Howard Humphreys, Keeble & Partners responsible for final design, plans and specifications for 180 km of new paved highway in Honduras, Central America
1969 – 1972	Project Manager for Trevor Crocker & Partners, Croydon, U.K.
1966 – 1969	Bridge & Roadway Design Engineer for Surrey County Council, U.K.
1963 – 1966	Assistant Engineer for Coventry County Borough, U.K.

EXPERIENCE IN USA

Sound Transit, Seattle, WA (2002 to 2009):
Link Light Rail Project - Seattle to Sea-Tac International Airport: CTS Project Manager for the civil/roadway design interface for a 6.7-mile-long section of Seattle's Link Light Rail Project, including South 154th Street Station Park and Ride in Tukwila, and Airport Station at Sea-Tac International Airport.

Federal Highway Administration IDIQ Contract, Vancouver, WA:
Principal and Project Manager for a $2.5 million (fee), 5-year, IDIQ Contract with the Western Federal Lands Highway Division. Task Orders included:

- Final Design for Thorne Bay Road, Prince of Wales Island, Alaska
- Final Design for Benchland Road, Sitka, Alaska
- Final Design for environmental mitigation, Ward Lake Road, Ketchikan, Alaska
- Final Design for Curly Creek Road Paving Project, Skamania County, WA
- Final Design for West Snider Road, Clallam County, WA
- Final Design for 2 Rest Areas on Mather Memorial Parkway, WA
- Preparation of 3 Project Identification Reports in WA

Coffman Cove Road Design-Build Project, Phase II, Prince of Wales Island, Alaska: Project Manager for preparing preliminary design for realigning and reconstructing 3 miles of the Coffman Cove Road at Coffman Cove. Client: South Coast, Inc. (Contractor) for USDA Forest Service, Tongass National Forest.

Washington State Department of Transportation (WSDOT):
Principal or Project Manager for the following projects:

- I-5, SR 18, SR 161 Triangle Interchange Design Study, Federal Way
- SR 20, Fredonia to I-5, Traffic Study Update, Skagit County
- PS&E for SR 547 & SR 9 Paver Projects, Whatcom County
- SR 518, Route Development Plan and EA, SeaTac
- SR 518, Corridor Study (Assistant Project Manager)
- SR 16, Tacoma Narrows Bridge Corridor Study and EIS
- SR 24, Yakima to Moxee, Corridor Analysis Report
- I-90, Luther Burbank Lid, Mercer Island, Final Design
- Bridge Load Rating of over 500 Bridges Statewide
- On-Call Bridge Design Services

City & Borough of Juneau, Alaska:
CTS Project Manager for road and utility improvement projects in Southeast Alaska.

- Traffic Studies & Design for Main Street Improvements, Juneau
- Traffic Studies & Design for Seward Street Reconstruction, Juneau
- Design for Water/Sewer Utilities Replacement Project, Douglas

EXPERIENCE IN USA (Continued)

County Projects in WA:

Project Manager or Principal-in-Charge for design of the following projects:

- Hillcrest Drive Bridge #160 Replacement, Yakima, Yakima County
- Grant Road Improvement Project, East Wenatchee, Douglas County
- 228th Avenue NE/SE Widening, Sammamish, King County
- South 96th Street Widening & Improvement, Seattle, King County
- SE 192nd Street & 116th Avenue SE Widening, King County
- Mullen Road Realignment & Improvement, Thurston County
- Silverdale Access & Circulation Study, Kitsap County
- Hansville-Area Connector Corridor Study, Kitsap County
- Chico Creek Bridge Replacement, Kitsap County
- Cross-Base Corridor Study, Ft. Lewis & McChord AFB, Pierce County
- 176th Street Easterly Extension, Pierce County

City Projects in WA:

Project Manager or Principal-in-Charge for design of the following projects:

- Harborview Drive & Judson Street Improvements, Gig Harbor
- SR 161, Town-Center & Corridor Development, Eatonville
- Coal Creek Parkway Widening, Phase 1, Newcastle
- Slater Avenue NE Widening & Improvement, Kirkland
- Oakesdale Avenue SW Extension, Phases 1 and 2, Renton
- Britton Parkway (new principal arterial), Lacey
- South Sequim Avenue Design Review, Sequim

Other Projects in WA:

Project Manager or Principal-in-Charge for design of the following projects:

- South 154th Street/156th Way/Miller Creek Relocation at Sea-Tac International Airport for Port of Seattle
- Omega Industrial Site Development in Auburn for Omega Industrial Contractors, Inc.

Oregon Department of Transportation (ODOT):

Project Manager for the following projects:

- Preliminary Design & Environmental Documentation for Sunrise Corridor, Clackamas County
- I-84, Multnomah Falls Interchange Study, Multnomah County
- Preliminary Design for I-84 Widening, 181st Avenue to Troutdale, Multnomah County
- On-Call Bridge Load-Rating Services for 100 Bridges

Idaho Transportation Department (ITD):

- SH-33, Conceptual Design for improving 2 miles of State Highway (Main Street) through downtown Driggs, ID

EXPERIENCE IN USA (Continued)

CALTRANS in California:

Project Manager for the following design projects:

- Route 139 Relocation Study, Eagle Lake, Lassen County
- Route 41 Widening, Madera County
- Highway 50 Study, Placerville
- Route 1 Widening, Castroville to Santa Cruz County Line
- Route 180, Brawley Avenue to Route 99, Fresno

Other Projects in California:

Project Manager for the following design projects:

- Andersen Drive Extension, City of San Rafael
- Bellam Boulevard/I-580 Interchange Alternatives Study, City of San Rafael
- Kerner Boulevard Extension, City of San Rafael

Arizona Department of Transportation (ADOT):

Project Engineer for the following design projects:

- Outer Loop Freeway, First Street to Southern Avenue, Tempe
- Southeast Loop and Price Expressway, Tempe/Chandler

OVERSEAS EXPERIENCE

Los Bronces Mine-Access-Road Study, Chile, South America:

Project Manager for feasibility study and preliminary design for a 45-kilometer access road in the Chilean Andes mountains, related to the expansion of the Los Bronces copper mine. Developed and evaluated 3 alternative alignments through extremely mountainous terrain, involving long tunnels and other major structures. **Client:** Exxon Corporation.

Lima – Chosica - Ricardo Palma Autopista, Peru, South America:

Project Manager based in Lima for the preliminary and final design of a 38-kilometer, 6-lane freeway between Lima and Ricardo Palma. Project included the design of 5 interchanges, and the channelization of several kilometers of the Rimac River. **Client:** INVERMET

Chamaya – Jaen - San Ignacio Highway Construction, Peru, South America:

Construction Supervision Manager based on site for 4 years supervising the construction of 126 km of new paved highway in the northern Peruvian Andes mountains.
Client: Ministerio de Transportes y Communicaciones.

Tegucigalpa to Juticalpa Highway, Honduras, Central America:

Chief Highway Engineer based in Tegucigalpa for 2 years for final design, plans and specifications for a new 180-kilometer paved highway in mountainous terrain. **Client:** World Bank.

PROJECTS IN THE UNITED KINGDOM

Road and Bridge Studies and Designs for Trevor Crocker & Partners: Managed several major studies and designs for roadway improvements, including the Leatherhead Western Relief Road and Town-Centre Layout; the A52 Improvement in Nottingham, and PS&E for the Braningham Road Expressway in Luton. Also responsible for inspection and structural analysis of numerous bridges in the London area, and preparation of Bridge Condition Reports.

Motorway and Bridge Design for Surrey County Council: Project Engineer for route location studies, preliminary and final designs, and PS&E for various sections of the M3 and M25 Motorways in the London area. Project Engineer for the design of bridges for a road-over-river crossing; a pedestrian overcrossing; and a thrust-bored tunnel under a railroad.

Building Structure Design, Coventry: Assigned to Structural-Design Department of Coventry County Borough, responsible for design of public building structures in the City, including complete design of 5-storey City Council office building.

Swimming Pools Construction, Coventry: Assistant Resident Engineer for the construction of Olympic-sized swimming pools for Coventry County Borough.

Civil Engineering Construction, Birmingham: Spent first 5 years of career working for a civil engineering contractor on numerous drainage and sanitary-sewer improvement projects in the Birmingham area.

BUSINESS DEVELOPMENT EXPERIENCE

Michael Baker, Jr., Inc., Beaver, PA: Business development experience started while working on assignment in Peru for Michael Baker, Jr. from 1974 to 1978. Worked with associated Peruvian consultant firm during this period, preparing proposals (in Spanish) for highway design and construction supervision projects in Peru.

From 1978 to 1981, worked in Michael Baker's Headquarters office on business-development assignments, in addition to performing other project management activities. A major accomplishment during this period was the preparation of a successful proposal and a winning presentation for the Los Bronces Mine Access Road Study in Chile, and the subsequent management of this project for the Exxon Corporation.

TAMS Consultants, Inc., New York, NY: Joined the International Business-Development Department of TAMS in 1981. Shortly thereafter, helped prepare the winning proposal for the design of the Lima–Chosica–Ricardo Palma Autopista in Peru, and went on to successfully manage the one-year project, based in Lima.

BUSINESS DEVELOPMENT EXPERIENCE (Continued)

While working with TAMS International Business-Development group, made client contacts and prepared numerous proposals for potential work in Liberia, Africa; the Dominican Republic; St. Lucia; Guatemala, Turkey, Lebanon and Abu Dhabi. Some of these proposals were successful, but many were not due to competitive-cost factors.

TAMS Consultants, Inc., Seattle, WA: Reassigned in 1983 to TAMS Seattle Office to promote highway design work for the company on the $1.3 billion I-90 Project. In 1983-84, prepared successful proposal and led winning interview for the I-90, Luther Burbank Lid Design Project. Went on to successfully manage this WSDOT project.

From 1983 to 1996, made client contacts; prepared numerous proposals; and led many interviews for highway studies and design work in Washington, Oregon, Arizona, California and Alaska for a variety of clients. Efforts resulted in providing a continuous workload of projects for a staff of approximately 20 persons in the Seattle office, plus a smaller-sized staff in offices in Phoenix, AZ and Concord and Fresno, CA. Major accomplishments included:

- Prepared TAMS first winning proposal and interview for work with ODOT in Oregon, which led to 3 subsequent projects with ODOT.
- Prepared a winning proposal for the Outer Loop Freeway Project in Arizona which had gross fees exceeding $5 million, and enabled TAMS to establish a 15-person office in the State for several years.
- Prepared a winning proposal and interview for work with the City of Placerville/Caltrans for the Highway 50 Project. This subsequently led to successful submittals and interviews for about 12 other Caltrans projects, and enabled TAMS to establish offices in Fresno and Concord for a number of years.
- Established client contact and prepared winning proposals and interviews for the Andersen Drive Extension Project in San Rafael, which went on for about 10 years, and led to work on two other projects for the City.
- Built on solid client relationships established with WSDOT staff to subsequently win a lot more work with WSDOT.
- Established new client relationships and made winning submittals and presentations to new clients in Washington State, including King County, Pierce County, Kitsap County and Thurston County.

Kato & Warren, Inc., Seattle, WA: Following TAMS' decision to close their Seattle office in 1996, arranged for the successful purchase of TAMS' Seattle Office by Kato & Warren, Inc. and became a Principal of that firm.

BUSINESS DEVELOPMENT EXPERIENCE (Continued)

As one of four Principals of Kato & Warren, worked on business-development activities for the next 4 years, and helped to achieve phenomenal growth of the firm. Most of this growth was in the transportation sector, as a direct result of the TAMS acquisition. During this period, the firm grew from a 6-person firm to a 36-person firm, and the value of the firm went from approximately $300,000 to $1.5 million.

Significant business-development activities by Mr. Knight during this period included establishing client contacts; preparing successful proposals and winning interviews (when called for) for the following:

- South 154th Street/156th Way Relocation Project with the Port of Seattle ($1.3 million fee).
- Oakesdale Avenue SW Extension Project with the City of Renton ($1.2 million fee).
- Coal Creek Parkway, Phase 1 with the City of Newcastle ($950,000 fee).
- Britton Parkway Study and PS&E with the City of Lacey ($330,000 fee)
- Slater Avenue NE Improvement with the City of Kirkland ($350,000 fee)
- On-Call PS&E Design Services Agreement with WSDOT ($250,000 fee).

In addition to the above, Mr. Knight established relationships with representatives of FHWA's Western Federal Lands Highway Division, and was able to secure task orders with WFLHD under an IDIQ contract that amounted to over $2.5 million in fees over a 5-year period.

In 1996, Kato & Warren was sold to TranSystems Corporation since the two founding Principals (Rich Kato and Dick Warren) wanted to retire.

TranSystems Corporation, Seattle, WA: In October 2000, the Kato & Warren staff merged with the smaller TranSystems staff that had previously been based in Bellevue, and the combined group started to operate out of Kato & Warren's office in Seattle.

As a Principal of the firm, Mr. Knight was expected to generate fees of at least $1.5 million/year. In the 1.5-year period since the transition to TranSystems began, his accomplishments include:

- Prepared winning submittal that resulted in the firm's selection for award on a new IDIQ Contract for A/E Design Work with FHWA's Western Federal Lands Highway Division valued at $5 million over 5 years.
- Prepared winning submittal for I-5, SR 18, SR 161 Triangle Interchange Design Study with WSDOT valued at $300,000.
- Prepared winning submittal for On-Call Transportation Studies Agreement with WSDOT valued at $350,000.

BUSINESS DEVELOPMENT EXPERIENCE (Continued)

- Negotiated add-ons to the Coal Creek Parkway Contract valued at $236,000.
- Negotiated add-on to the South 154th Street/156th Way Relocation Contract valued at $100,000.
- Negotiated add-on to On-Call PS&E Design Services Agreement with WSDOT valued at $75,000.
- Obtained on-call assignment for South Sequim Avenue Design Review with City of Sequim valued at $40,000.

CTS Engineers, Bellevue, WA: Since June 2002, Mr. Knight has been responsible for business development at CTS Engineers. In this capacity, he has focused on obtaining roadway design work in the public sector.

His accomplishments include:

- Negotiated supplemental agreements on Sound Transit's Link Light Rail Project amounting to over $2.5 million.
- Prepared winning submittal for downtown street improvements in Gig Harbor valued at $432,961.
- Prepared winning submittal for SR 161, Town-Center & Corridor Improvements in Eatonville, WA valued at $288,000.
- Secured work with WSDOT on several On-Call contracts; with Idaho Transportation Department for SH-33, Main Street Improvements in Driggs, ID; and 4 projects with Juneau CBD (as subconsultant).

REFERENCES Available upon request.

Claudia S. Hirschey, P.E.
Senior Transportation Engineer
12527 SE 72nd Street
Newcastle, WA 98056
claudiahirschey@comcast.net
206-856-4988

Education
M.S., Civil Engineering, 1985
University of Wyoming

B.S., Mechanical Engineering, 1980
University of Washington

Registrations
Professional Engineer, Washington (25806), 1989

Professional Engineer, Oregon (18381), 1996

Employment History
Transportation Consulting Services (owner)

Heffron Transportation, Inc.

David Evans and Associates, Inc.

CH2M Hill

Washington State Department of Transportation

Professional Affiliations
Institute of Transportation Engineers (ITE), since 1984

Women's Transportation Seminar (WTS), Puget Sound Chapter. (Past President), since 1987

King County Boundary Review Board, since 2002. Chair in 2008 and 2009.

Training and Presentations
Resolving Conflict and Building Consensus, Cascade Center for Public Service and Leadership, 2007

High Occupancy Toll (HOT) Lanes, Legislative and Policy Issues, Institute of Transportation Engineers (ITE), Washington State Meeting, Bellevue, Washington June, 2004

HOV Direct Access, A Design for Regional and Community Benefit, Institute of Transportation Engineers (ITE), International Conference, Seattle, Washington, August 2003

Major Corridor Investment: A Puget Sound Case Study, *2001 International Conference*, Institute of Transportation Engineers (ITE), Chicago, Illinois, August, 2001.

State Route 14 Corridor Management Plan, *1998 Northwest Quad Conference*, Institute of Transportation Engineers (ITE), Seattle, Washington, April, 1998.

Summary of Qualifications

Ms. Hirschey has over 30 years of experience in transportation planning, operations, and engineering design. Her strong management skills have been applied to a wide variety of projects, from strategic planning through project design. She has been responsible for high-occupancy vehicle (HOV) freeway corridor studies, transit center and commuter rail station planning, freight mobility planning, parking studies, management of pre-design for arterial and highway improvements, NEPA/SEPA transportation analysis, and bicycle and pedestrian facility planning. Ms. Hirschey has a thorough understanding of transportation policy, operations, and design, in a multi-modal environment.

Project Management Experience

- Clark County Freight Mobility Study, Regional Transportation Council, WA
- Columbia River Crossing, Freight Element, Vancouver, WA and Portland, OR
- Seattle Community Parking Studies – 2008, 2009 & 2010, completed 18 neighborhood parking studies
- East Duwamish Waterway Bridge Replacement and 15th Avenue NE Bridge Rehabilitation, Transportation Analysis, Seattle Department of Transportation
- McClellan Light Rail Transit Station and Bus Layover Analysis, Office of Management and Planning, City of Seattle
- Tacoma Narrows Bridge 24th Street Electronic Toll On-Ramp, Transportation Discipline Report, NEPA/SEPA Addendum, WSDOT
- Narrowsgate Land Use Study, Tacoma Narrows Bridge Project, WSDOT
- Sound Transit, Sammamish Park-and-Ride Lot, Plans, Specifications, and Estimate (PS&E) Final Design Project, Sammamish, Washington
- Sound Transit, Sammamish Park-and-Ride Lot, Site Selection and Pre-design, Sound Transit, Sammamish, Washington
- Sound Transit Kirkland Projects: Totem Lake HOV Direct Access, Transit Center, and Park-and-Ride Improvements, Kirkland, Washington
- Corridor Needs Study for East King County (CONEKC), Seattle, Washington
- I-405 HOV Direct Access Study (Puget Sound HOV Predesign Studies), WSDOT

Transportation Planning and Engineering Experience

- WSDOT SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study; freight, transit, and non-motorized elements, Kitsap and Pierce Counties, Washington
- Sound Transit Kent and Auburn Station Access Improvements
- West Seattle Bridge Corridor Congestion Management Study, Seattle, Washington
- Roosevelt to Downtown HCT Project Definition, Seattle, Washington
- Sound Transit Long Range Plan Update, SEIS, Access and Land Use Issue Papers
- Port of Centralia Interchange Justification Report, Centralia, Washington
- Sound Transit Lynnwood Link Alternatives Analysis, EIS, and design support
- Sound Transit Lynnwood to Everett High Capacity Transit Corridor Study
- Investment-Grade Traffic and Tolling Revenue Analysis Services for the Columbia River Crossing Project, WSDOT and ODOT

- South Lake Union Investment Strategy, Seattle, Washington
- 4th Avenue S Pedestrian Improvements, Seattle, Washington
- 1st Avenue South Improvement Study, Seattle, Washington
- Seattle Transit Network Strategy, Seattle City Council Transportation Committee
- East D Street to South M Street Commuter Rail Line Extension Feasibility Review and NEPA Re-evaluation Analysis, Sound Transit, Tacoma, WA
- Sound Transit, Tukwila Commuter Rail Station Relocation, Transportation Element, Tukwila, WA
- Freight Action Strategy (FAST) Corridor Project Update, WSDOT and PSRC
- SR 167 Corridor Plan, Freight Element, WSDOT
- Sound Transit, Lakewood Commuter Rail Station Design, Traffic and Transportation Engineering Element, Lakewood, WA
- WSDOT I-5 Mellen Street, Truck Element, Centralia, WA
- 1st Avenue South Improvement Study, Seattle, Washington
- Immunex (AMGEN) Corporation Headquarters at Pier 88 Streetcar Extension Study, Seattle Washington
- Greenwood Transportation Plan, Seattle, WA
- West Marginal Way Bike Path, Transportation Analysis, Seattle, WA
- South Campus Infrastructure Development Predesign for Western Washington University, Bellingham, Washington
- Community Partnership Project, WSDOT, Olympia, Washington

Past Community Service

- City of Newcastle Planning Commissioner, 2006 - 2008
- Lake Heights Family YMCA (Board of Directors), 2000 – 2006, involved with facility planning and capital campaign for the new full service YMCA in Newcastle, opened September, 2009
- Land Use, Transportation, Air Quality, and Health Advisory Committee, King County Executive's Office, 2001-2005
- City of Newcastle (Deputy Mayor), Newcastle, Washington, 1998-2001
- Regional Transit Committee (King County Suburban Cities Representative), 1998-2001
- Value Pricing Conference, Steering Committee, 2000

SCOTT KUZNICKI, PE
DIRECTOR, MOBILITY TECHNOLOGY SOLUTIONS

transpogroup
WHAT TRANSPORTATION CAN BE.

scott.kuznicki@transpogroup.com

Scott is a traffic engineer and project manager with extensive public agency and private practice experience in policy development, planning, design, construction, and operations. He possesses a comprehensive knowledge of all aspects of transportation system management and operations. His expertise is an asset to public and private clients around the globe and is viewed as a vital part of the ongoing work of numerous transportation policy and research organizations.

EXAMPLES OF HIS PROJECT WORK INCLUDE:

- **Burke-Gilman Trail Design Evaluation, Seattle, WA**
  Working with Transpo's swept-path analysis experts as project manager, Scott led his team in the preparation of hundreds of swept path analyses for commercial driveways along a proposed trail alignment. In this work, he demonstrated how bicyclist and pedestrian safety would be impacted by the anticipated turning vehicle movements.
- **Self-Driving Transport Road Map, Washington State DOT**
  Working with the WSDOT, Scott is the project manager developing the first-ever Self-Driving Transport Road Map for the State of Washington. In support of the governor's initiative intended to facilitate the development and deployment of autonomous, connected, electric, and shared vehicles in Washington State, the SDT Road Map is a crucial aid for policymakers and DOT officials.
- **Mitigation Program Management, City of Mercer Island, WA**
  As Program Manager, Scott is currently overseeing the development of a mitigation program for the City of Mercer Island. This program will protect the City's vibrant, walkable Town Center from the negative impacts of vehicular traffic pattern changes related to the construction of the Sound Transit East Link light rail line, ensuring that livability and safety continue to support transit-oriented development along the critical I-90 corridor.
- **Introducing Human Factors in Roadway Design and Operations**
  Scott is a registered instructor with the NHI and is presently contracted to teach the Human Factors in Transportation Engineering course with two other human factors professionals.
- **Enhancing Safety and Operations in Complex Interchanges**
  On this project, Scott directed the research planning activities, and preparation for field data collection and driving simulator testing operations. He was responsible for ensuring that roadway, driver, and vehicle elements were considered in the human factors evaluations and developed all of the traffic control devices and roadway geometry for the testing scenarios.
- **Alaskan Way Viaduct and Seawall Replacement Program**
  Scott proficiently supervised nearly US $2 million worth of contract document preparation and project support services. He personally sealed over 500 contract plan sheets and provided oversight of the successful delivery of numerous contract plan sets for construction and support of construction activities, including change orders, cost estimation. Additionally, he developed leading-edge methods for providing information in tunnels, including new applications of overhead signs and tunnel systems equipment using emerging technologies.

AREAS OF EXPERTISE

- Transportation Operations and Safety Analysis
- Roadway Design and Contract Preparation
- Corridor Planning and Transit Planning
- Operations Analysis and Travel Demand Modeling
- Multimodal Transportation Planning

EDUCATION

BS Civil Engineering
University of Wisconsin – Platteville
Platteville, Wisconsin

LICENSURE

Registered Professional Engineer in three states, including Washington State

EMPLOYMENT HISTORY

Feb 2017 to Present
Transpo Group
Director, Mobility Technology Solutions

2008 - 2017
Modern Traffic Consultants
President & Managing Engineer

2016
Toxcel
Practice Leader for Transportation Engineering

2014 - 2016
Toxcel
Director of Traffic Engineering

2007 - 2012
Parsons Brinckeroff
Lead Traffic Engineer

2006 - 2007
Parsons Brinckeroff
Senior Traffic Engineer

2000 - 2006
Illinois Department of Transportation
Civil Engineer

1998
Minnesota Department of Transportation
Engineering Paraprofessional

- **Burke-Gilman Trail Design | City of Seattle, WA | Deputy Project Manager**
  As the Deputy Project Manager for this project, Scott led the engineering design team in preparing plans for signing, pavement markings, and appurtenances related to an alignment of the trail along Leary Way NW in Ballard that included a special design for a railway crossing, passive bicycle detection at traffic signals, and cutting-edge implementations of pavement markings for wayfinding at intersections.
- **Active Traffic Management Systems and Express Lanes Planning and Pre-Design**
  Scott contributed to the scoping, concept of operations, and preliminary design for WSDOT's Active Traffic Management Systems and Express Lanes, including human factors evaluations of driver workload and driver behavior related to toll rate signing and active traffic management systems.
- **Honolulu Rail Transit Program**
  On this US $1.2-billion design/build project, Scott represented the owner in contract enforcement and interpretation, design review and resolution, and coordination with partner agencies. He provided owner review of contract plans for the fully-automated fixed-guideway system design.
- **Transpo Group**
  Scott leads the Middle East business development and project director activities, ensuring a high level of client satisfaction related to Transpo Group's work in automated and connected vehicles technology development and deployment, transportation systems operation and management integration with emerging technologies, and user information systems applications.
- **Modern Traffic Consultants**
  In his private practice, Scott managed all pursuits, contract development, and contract administration, in addition to successfully completing all technical work. He has prepared traffic studies for a variety of clients in Washington State and South Dakota, evaluated traffic safety and operations for local agencies, including road diets and bicycle facility improvements.
- **Toxcel**
  Scott served as the global Transportation Engineering Practice Leader. In this role, he managed federal projects and led business development activities and major pursuits. He has provided leadership in the successful delivery of FHWA contracts, NCHRP research, and expert witness work, in addition to supporting technical program delivery for several USDOT initiatives. Mr. Kuznicki prepared facilitated workshops and scanning tours, prepared technical reports, and collaborated with clients in the production of materials for use by government officials, policy professionals, and planners and engineers.
- **Parsons Brinckerhoff**
  Scott successfully completed numerous assignments as a project manager and technical services leader.
- **Illinois Department of Transportation (District 1)**
  Scott worked in the maintenance, bridge, and traffic design offices. As Area Traffic Field Engineer for five years, he interacted with the public and other agency staff, ensuring safe and efficient operations on roadways in a 300-square-mile area while developing asset management program and policy briefs.
- **Minnesota Department of Transportation (District 6)**
  Scott developed and implemented a program for populating a GIS-based database with GPS location, inspection, and rating of hydraulic structures and performed land surveying and construction surveying.

PRESENTATIONS & PUBLICATIONS

Reading the Road Ahead: Infrastructure Readiness, Kuznicki, S. Workshop Leader, Automated Vehicles Symposium 2017, San Francisco, CA

Advancing Automated Transport in the Middle and Addressing Challenges Worldwide. Plenary Session, Automated – Kuznicki, S., Vehicles Symposium, AUVSI and TRB. San Francisco, CA, 2017.

Infrastructure Readiness and Integration for Automated Transport. – Kuznicki, S. Organizing Official and Presiding Officer, Automated. Vehicles Symposium, AUVSI and TRB. San Francisco, CA, 2017.

Rural Road Safety Research: Practical Applications.– Kuznicki, S., Organizing Official and Presiding Officer, Session 516, 96th Annual Meeting of the TRB. Washington, DC, January 2017.

N. *Enhancing Safety and Operations in Complex Interchanges*. – Katz, B., Kuznicki, S., Miller, S., Kehoe, Final Project Report. FHWA, Washington, DC, 2017.

Evaluation and Recommendations for Design Consistency of Guide Signs. – Katz, B., Kissner, E., Kuznicki, S., Shurbutt, J., Paper 17-04477, Proceedings of the 96th Annual Meeting of the TRB. Washington, DC, 2017.

Using Unmanned Aerial Systems in Transportation Operations Research.– Kuznicki, S., Katz, B., Shurbutt, J., Kehoe, N., Cobb, D., Paper 17- 00709, Submitted for the 96th Annual Meeting of the TRB. Washington, DC, 2017.

Designing for People: Unlocking Human Behavior to Build a Better Transportation System. – Katz, B., Kuznicki, S., Kissner, E., ITE Journal. Part 2 of 2, August 2016.

Ambiguous Infrastructure: When Signing and Pavement Markings Don't Make Sense to Drivers or Machines. – Kuznicki, S. Presentation Session, Automated Vehicles Symposium, AUVSI and TRB. San Francisco, CA, 2016.

PRESENTATIONS & PUBLICATIONS CONT'D

Designing for People: Unlocking Human Behavior to Build a Better Transportation System. – Miller, S., Kuznicki, S. ITE Journal. Part 1 of 2, May 2016.

Highway Safety Improvement Program Final Report. – Kuznicki, S., Ibarguen, B., Symoun, J., Pavao, P., FHWA-SA-16-024, Washington, DC, April 2016.

Rural Road Safety Research: Practical Applications. – Kuznicki, S., Giancola, A. Organizing Official and Presiding Officer, Session 211, 95th Annual Meeting of the TRB. Washington, DC, January 2016.

Designing for Consistency: Matching Applications to Scenarios in the Use of Traffic Control Devices / Pavement Markings. – Kuznicki, S. and Katz, B. Paper 164, Proceedings of the 5th International Symposium on Highway Geometric Design. Vancouver, BC, Canada, 2015.

Designing for Consistency: Matching Applications to Scenarios in the Use of Traffic Control Devices / Signing.– Kuznicki, S. and Katz, B., Paper 163, Proceedings of the 5th International Symposium on Highway Geometric Design. Vancouver, BC, Canada, 2015.

Database-Driven Implementation for Future Editions of the MUTCD. – Kuznicki, S. and Avery, R., Paper 14-0448, Proceedings of the 93rd Annual Meeting of the TRB. Washington, DC, 2014 (Presented at the 93rd Annual Meeting of the TRB, the July 2014 Joint Meeting of the Western and Midwestern Districts of ITE, and the January 2015 meeting of the National Committee on Uniform Traffic Control Devices.)

Getting Around to Signing. Roundabouts Now. – Kuznicki, S. April 2012.

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Mr. Bishop is the owner and Principal Consultant for VHB Consulting, PLLC. Mr. Bishop formed this firm in 2007 after a 39 year career as President of Transportation Planning & Engineering, Inc., (TP&E) a traffic engineering consulting firm in Bellevue, WA, and as Principal Traffic Engineer for Mirai Transportation Planning and Engineering in Kirkland, WA.

Mr. Bishop was principal-in-charge or project manager on most of TP&E's major projects in the areas of traffic impact analysis, circulation planning, parking layout and traffic control device design and non-motorized transportation planning. He has 40 years experience in the field of transportation planning and traffic engineering working with both the private and public sectors on a wide range of traffic engineering projects in Western Washington.

Areas of Expertise

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BSCE University of New Hampshire, 1962
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Automotive Safety Foundation Fellowship, University of Washington,
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