

BRENNON T. MORIOKA, Ph.D., P.E.

EDUCATION **University of Hawai'i at Mānoa**
Ph.D., Civil Engineering

University of California, Berkeley
M.S., Civil (Geotechnical) Engineering
B.S., Civil Engineering

'Iolani School
Diploma

PROFESSIONAL EXPERIENCE

2017 - present **General Manager of Electrification of Transportation, Hawaiian Electric Company:**

- Manage the Electrification of Transportation initiatives to increase the adoption of more electric vehicles and transition transportation operations to electric powered equipment. Work cross-company and engage external stakeholders including federal, state, and county agencies and elected officials in developing and supporting policies to achieve the State's clean energy initiatives.

2013 - 2017 **Deputy Executive Director, Honolulu Authority for Rapid Transportation (HART):**

- Leading the management of the 139 person rail transit agency responsible for planning, design and construction of the \$6.6 Bil, 20-mile elevated rail transit system
- Serve as the primary liaison with all federal, state, and city agencies as well as elected officials of all levels of government
- Responsible for negotiating agreements and interfacing with businesses and community organizations, including landowners and developers along the rail alignment and all major utility companies

2011 – 2013 **Vice President & Area Manager, CH2M HILL:**

- Oversaw the daily operations and personnel for international, multi-disciplinary engineering consulting and construction firm in the Hawai'i regional office consisting of 70 employees with annual gross revenues of \$20 to \$30 Mil
- Managed the business development and client service management programs and developed annual goals and performance measures
- Served as the liaison with political and legislative bodies and with business and community leaders and organizations

2010 – 2011 **Executive Vice President, Shioi Construction, Inc.:**

- Led general and specialty contracting company consisting of 250 employees with annual revenues of \$30 to \$60 Mil
- Developed new corporate strategic plan and facilitated employee collaboration
- Managed the business development, government and public relations programs
- Authored updated corporate policies and procedures

- 2007 – 2010 **Director**, Hawai'i State Dept. of Transportation:
2005 – 2007 **Deputy Director**, Hawai'i State Dept. of Transportation, Highways Division
- Oversaw and managed the second largest state department in Hawai'i including Highways, Airports, and Harbors Divisions consisting of 15 airports, 10 commercial harbors, & 2,500 miles of highway with 2,500 employees, and over \$1 Bil annual operating and capital improvement budget
 - Implemented mega-infrastructure modernization programs in each division
 - Served as primary liaison with legislature, county councils and mayors, business and community leaders, and federal, state, and county agencies

ACADEMIC/TEACHING EXPERIENCE

- ██████████ **Instructor**, College of Engineering, University of Hawai'i at Mānoa:
- Taught undergraduate freshman, junior and senior level engineering courses
 - Regularly ranked amongst the top faculty each semester in student reviews
- ██████████ **Research Assistant**, College of Engineering, University of Hawai'i at Mānoa:
- Managed research program and coordinated fabrication of large scale calibration chamber testing facility
- ██████ **Teaching Assistant**, College of Engineering, University of Hawai'i at Mānoa:
- Graded papers, gave lectures, and assisted professors and students in junior and senior level courses

PROFESSIONAL AFFILIATIONS

- University Transportation Center, *Advisory Board (2017 – present)*
Pacific International Center for High Technology Research, *Board of Director, Chair (2011 – present)*
University of Hawai'i, College of Engineering Dean's Council, *Chair (2009 – present)*
University of Hawai'i, Civil Engineering Industry Advisory Committee, *Member (2007 – present)*
Shioi Construction, Inc., *Board of Director (2011-2012)*
Honolulu Board of Water Supply, *Board of Director (2007-2010)*
Hawai'i Community Development Authority, *Board of Director (2007-2010)*
Aloha Tower Development Corporation, *Board of Director (2007-2010)*
Hawai'i Tourism Authority, *Board of Director (2007-2009)*
Hawai'i State Earthquake Advisory Committee, State Civil Defense, *Elected Member (2001-2008)*
Honolulu Japanese Chamber of Commerce (HJCC), *Member (since 2007)*
Chi Epsilon (UC Berkeley Chapter), *Member (since 1990)*
UC Berkeley Alumni Association of Hawai'i, *Member (since 1991)*
University of Hawai'i Alumni Association, *Member (since 1999)*
University of Hawai'i College of Engineering Alumni Association, *Member (since 1999)*

HONORS & AWARDS

Distinguished Alumni Award, *University of Hawaii, College of Engineering* (2016)
Engineer of the Year, *State of Hawai'i, Hawai'i Society of Professional Engineers* (2016)
ASCE Civil Government Award, *national award recognizing top civil engineer in an appointed or elected position* (2010)
Forty Under Forty, *Pacific Business News* (2008)
Japanese American Leadership Delegation, *Japan Ministry of Foreign Affairs* (2007)
Hawai'i Leadership Academy, *intensive leadership training for government executives* (2007)
Bike to Work Complete Streets Hero Award, *Hawai'i Pedal Power Bike to Work Week* (2009)
Leadership Award, *Motorcycle Safety Foundation* (2007)
Advancing Motorcycle Rider Education, *Street Bikers United Hawai'i* (2007)
Young Engineer of the Year, *State of Hawai'i, Hawai'i Society of Professional Engineers* (2001)
US Delegate to 1st International Young Geotechnical Engineers Conference, *University of Southampton, Southampton, United Kingdom* (2000)
Achievement Rewards for College Scientists (ARCS) Foundation Scholarship in Engineering, *top graduate student in the College of Engineering* (1996 & 1997)
Everett E. Black Scholarship (1995)
California Japanese American Alumni Association Scholarship (1989)
Scott Werner Scholarship (1988)
Air Force ROTC Four Year Scholarship (1987)
'Iolani School Alumni Award (1987)

COMMUNITY SERVICE:

Ahahui Koa Anuenue, *Board of Director* (2015 – present)
US-Japan Council, *Member* (2011 – present)
Daniel K. Inouye Fellowship Selection Committee, *Member* (2016 – present)
Mothers Against Drunk Driving (MADD) Advisory Council, *Member* (2010 – present)
Japanese Cultural Center of Hawai'i, *Board of Director, Chair* (2010 – 2016)
Pacific Links Hawai'i Foundation, *Board of Director, Treasurer* (2013 – 2015)
Konishiki Kids Foundation, *Board of Directors* (2001 – 2010)
'Iolani School Varsity Football Assistant Coach (1995 – 2001)
McKinley HS Varsity Soccer Coach (1995 – 1996)
'Iolani School Intermediate Soccer Coach (1993 – 1994; 2017 – present))

PUBLICATIONS & PRESENTATIONS

Morioka, B.T. (2009). "Welcome to Port Hawai'i, Hawaii's Commercial Harbor System," presented at *Association of Pacific Ports Annual Conference*, Honolulu, HI, February 12-13, 2009.

Morioka, B.T. (2005). "The STIP Process: Working with the Neighbor Islands," presented at *National Association of Counties Annual Conference and Exposition*, Honolulu, HI, July 15-19, 2005.

Kwong, J., J. Kalani, M. Francis, and B. Morioka (2002). "Comparison of HDD Contractual Performances and Geotechnical Design Approaches," *Proceedings of the North American No-Dig 2002*, NASTT, Montreal, Canada, April 28-May 1, 2002.

Morioka, B.T., J.K.P. Kwong, and J.K. Kalani (2001). "Jet Grouting for Microtunneling and Shaft Construction in Highly Congested Utility Corridors," *Foundations and Ground Improvement, ASCE Geotechnical Special Publication No. 113*, Blacksburg, VA, June 10-13, 2001.

Morioka, B.T., J.K.P. Kwong, and J.K. Kalani (2001). "Jet Grouting Methods Used to Improve the Constructability of Trenchless Projects," *Proceedings of the North American No-Dig 2001*, NASTT, Nashville, TN, April 1-4, 2001.

Morioka, B.T. and P.G. Nicholson (2000). "Liquefaction Evaluation for Calcareous Sand by Cone Penetrometer," *Proceedings of Recent Advances in Marine Science and Technology, PACON 2000*, Honolulu, HI June, 2000.

Morioka, B.T. (2000). "Using the CPT to Evaluate Engineering Properties of Calcareous Sands," *Proceedings of the 1st International Young Geotechnical Engineers Conference*, University of Southampton, United Kingdom, September 8-13, 2000.

Morioka, B.T. and P.G. Nicholson (2000). "Evaluation of the Liquefaction Potential of Calcareous Sand," *Proceedings of the 10th International Offshore and Polar Engineering Conference*, Seattle, WA, May 28-June 2, 2000.

Morioka, B.T. (1999). "Evaluation of the Static and Cyclic Strength Properties of Calcareous Sand using Cone Penetrometer Tests," submitted to the *Graduate Division in partial fulfillment of the requirements for the Degree of Doctor of Philosophy*, University of Hawai'i, Mānoa.

Morioka, B.T. and P.G. Nicholson (1999). "Evaluation of the Liquefaction Potential of Calcareous Sand Using Cone Penetrometer Tests," Paper No. 990503, presented at the *Transportation Research Board Annual Meeting*, Washington, D.C., January 10-14, 1999.