



FOR IMMEDIATE RELEASE

**CELEBRATING EXCELLENCE IN SURVEYING
The David Thompson National Geomatics Awards**

The Association of Canada Lands Surveyors is proud to announce the winners of the twelfth annual David Thompson Awards!

Due to the global health pandemic and the cancellation of NSC 2020 the DTA award will be presented at the National Surveyors Conference in Calgary, Alberta in March 2021.

Celebrating excellence in the field of geomatics in Canada, the David Thompson National Geomatics Award was introduced in the winter of 2006-2007. The program was developed to recognize projects that exemplify the innovation and contribution to society that surveyors make every day to bring successful projects about for the betterment of all Canadians.

Challenging Cadastral Survey Project

Rob Riecken

Multi-Instrument Automated Monitor of Vital Highway Bridge in Vancouver



McElhanney designed, installed, and maintained a four-month automated monitoring program for a BC Ministry of Transportation & Infrastructure Highway 1 bridge in Vancouver. FortisBC planned to construct a natural gas pipeline beside the bridge pier foundations, and a trench was needed to contain the pipeline – but the bridge had not been seismically upgraded, making it vulnerable to failure should the nearby ground be disturbed.

McElhanney installed a series of instrumentation, which included two continuously operating total stations, tilt meters, accelerometers, inclinometers, vibrating wire piezometers, and vibrating wire strain gauges. The unique combination of position difference data with tilt, inclination, and vibration data was critical to the geotechnical assessment of the site. All stakeholders could access the real-time data 24/7 via web-based dashboards, and the data was highly functional for MOTI and FortisBC's engineering teams.

The David Thompson National Geomatics Awards Program is open to all commissioned surveyors who are members of a Canadian surveying association, submitting projects that have been completed within the last three years. The deadline for submissions is **March 1st, 2021.**

The ACLS is a national self-regulating professional association that is the licensing body for professionals surveying in the three Canadian territories, in the Federal parks, on Aboriginal reserves, as well as on and under the surface of Canada's oceans. It has over 600 members located across Canada (and the world), with expertise in surveying, photogrammetry, remote sensing, geodesy, hydrography and land information systems. For details, please visit: www.acls-aatc.ca

For more details on the David Thompson National Geomatics Awards Program, please visit: <http://davidthompsonawards.ca/home/>

FOR MORE INFORMATION CONTACT:

Association of Canada Lands Surveyors

Jean-Claude Tétreault a.-g.(ret.) CLS, MBA

Executive Director

(613) 723-9200

Fax: (613) 723-5558

admin@acls-aatc.ca

www.acls-aatc.ca

