

ACEC British Columbia

Newsbrief

September 2014



Message from the President Keith Sashaw

On September 18th, Cathy Fritter, Chair of ACEC-BC, and Keith Sashaw, President, presented a submission to the Select Standing Committee on Finance and Government Services, outlining the association's position on a number of issues that we believe should be considered in the setting of financial and policy initiatives by the Province. Given the role that engineering plays in every aspect of BC's economy, our industry has much to contribute to the legislative agenda.

In the report, ACEC-BC noted that a long-term infrastructure plan will further strengthen the economy and enhance BC's competitiveness. ACEC-BC applauded recent investments in infrastructure by all levels of government that have been suc-

cessful in improving the quality and capacity of Canada's public infrastructure, and urged that reviewing infrastructure needs should continue.

In moving forward with infrastructure projects, ACEC-BC noted that there will need to be a robust discussion around tolling specific projects versus the adoption of a regional road pricing strategy, as clearly the financial capacity for these projects needs to be addressed. ACEC-BC observed that there is a need to engage in rational and objective discussions about financing options and how we as a society pay for these improvements. ACEC-BC also reminded the Select Standing Committee that it is critical that "Infrastructure" priorities includes social or vertical infrastructure, such as hospitals and education (K-12 and post-secondary).

ACEC-BC noted its ongoing support for proceeding with the Site C project for a number of reasons, including the number of major projects in the implementation or planning stages that will rely on having access to stable and dependable sources of power. These major projects demand access to this power in order to operate efficiently and to continue attracting investors in future development projects. Site C is a very important facility to complete as it will provide on-demand and predictable power generation capacity. The submission also noted that the construction and ultimate operation of Site C Generating Station is an

important economic driver and legacy for our province for future generations.

In regard to the mining industry, ACEC-BC recognized that there are always improvements that can be made in regard to not only the process but also to the regulatory environment in which the mining industry operates. ACEC-BC members play an important role in the design and ongoing monitoring of mines, and ACEC-BC expressed its willingness to participate in the further development of regulations and guidelines to ensure safe and environmentally sound mining practices.

In its submission, ACEC-BC observed that pipelines are one of the safest and most widely used means of transporting liquids. Over five million kilometres of oil and gas cross-country pipelines move millions of cubic meters of oil and gas every day throughout Canada and the United States, as well as many other countries in the world. Many of the systems have been in safe operation for decades. In fact, the major transmission systems in Canada are approaching 50-plus years of service.

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Awards Road Show

September 29 – October 17

Science World

1455 Quebec Street, Vancouver

November 10 – 21

Capilano University

2055 Purcell Way, North Vancouver

Message from the President

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ACEC-BC suggested that BC stands on the cusp of extraordinary prosperity, which will result in enhanced services, improved wages and increased opportunities for all British Columbians. A robust high tech sector, efficient infrastructure and world-wide demand for our resources could further BC's attractiveness for investment, migration and livability. In its presentation, ACEC-BC noted that in order for projects to proceed and for BC to realize its full potential, governments at all levels need to take bold and decisive action on the following public policy issues:

- Aboriginal relations
- Environmental review process
- Regulatory review process

ACEC-BC assured the Select Standing Committee that BC's consulting engineering community has the knowledge, expertise and commitment to assist in this imperative.

Note: the full submission is available [here](#).



Keith Sashaw
President & CEO, ACEC British Columbia

APEGBC Annual Conference

October 23–25, 2014

Hyatt Regency, Vancouver

The 2014 APEGBC Annual Conference and AGM will take place in the heart of downtown Vancouver. The conference provides members the opportunity to connect with other professional engineers and geoscientists, government representatives, industry leaders, consultants and sponsors and exhibitors.

The conference theme this year is *BC and Beyond: Global Innovation Begins at Home*. We recognize that many new ideas and technologies are born right here in our province. Find out how our local innovators and thought leaders have made an impact not only in BC, but globally and beyond.

For more information, see the [conference web page](#).

**Transportation Growth in the 21st Century****Transportation Conference**

January 28, 2015

Vancouver Hilton Metrotown, Burnaby

Transportation Growth in the 21st Century is a transportation conference hosted by ACEC-BC, BC Ministry of Transportation and Infrastructure, and TransLink. The conference takes place on Wednesday, January 28, 2015 at the Vancouver Hilton Metrotown, Burnaby.

Transportation Growth in the 21st Century will focus on future trends and topics in BC's transportation industry, offering presentations and panel discussions in two main streams,

Transportation Financing

- Road Pricing
- Case Studies from other jurisdictions
- Public Private Partnerships (P3s)
- Developers Funding Transit Station Upgrades

Transportation Growth Management

- BC Transit 10 Year Plan
- Managing Transportation Growth in the Lower Mainland
- Port Metro Vancouver Strategies for Managing Truck Traffic
- Massey Tunnel

The conference includes a morning **tour of the Evergreen Line tunnel**. The plenary session will feature presentations by a representative of the **TransLink Mayors' Council**; **Gordon Price**, Director of SFU's City Program; and President & CEO of the New York MTA, **Tom Prendergast**.

Following the technical presentations and panel discussions in the afternoon, the conference wraps up with a networking reception, and the Deputy Minister's Awards Dinner.

For more details, visit:

www.acec-bc.ca/events/transportation-conference/

Sponsorship Opportunities

Suppliers, contractors, engineers, geoscientists, agencies and service providers will gain valuable recognition as conference sponsors. For detailed information, please visit the [conference web page](#).

Registration for the conference will be opening soon – ACEC-BC members will be notified by email.

Upcoming Events

October 1

Health Authorities Mixer

Vancouver Marriott Pinnacle Downtown

October 8

Richmond-Delta Mixer

Delta Vancouver Airport Hotel, Richmond

October 16

How to Effectively Manage Risk

Metropolitan Hotel, Vancouver

October 16

YPG Social Event

Kingston Taphouse & Grille, Vancouver

October 21

Port Metro Vancouver Mixer

Marriott Pinnacle Downtown, Vancouver

October 22

Burnaby-New Westminster Mixer

Vancouver Hilton Metrotown, Burnaby

October 23

Mining Industry Outlook

Metropolitan Hotel, Vancouver

October 23-25

APEGBC Annual Conference

Hyatt Regency Hotel, Vancouver

October 29

Indicators for Business Success

Four Seasons Hotel, Vancouver

November 18

Building a Powerful Personal Brand

Four Seasons Hotel, Vancouver

January 28

Transportation Conference

Transportation Growth in the 21st Century

Vancouver Hilton Metrotown

April 10

ACEC-BC Awards Gala

Vancouver Convention Centre

P3 2014:

Delivering our Infrastructure Legacy

On November 3 & 4, The Canadian Council for Public-Private Partnerships will hold its 22nd Annual Conference and celebrate the 17th National Awards for Innovation and Excellence in P3 at the Sheraton Centre, Toronto.

You will hear keynote addresses from P3 leaders, experts will share their experience and best practices in 16 innovative sessions, Canadian Trade Commissioners from emerging P3 markets will be available to meet with delegates in the International Café, and Canadian and international P3 leaders will have the opportunity to network in several different venues throughout the two days.

As the world's largest gathering of P3 professionals, this is the must-attend Canadian P3 event, so **register now** to ensure you experience this unique conference.

2014 TAC Conference

Transportation 2014: Past–Present–Future

Hosted by the ministère des Transports du Québec and la Ville de Montréal at the Palais des congrès, the 2014 Transportation Association of Canada (TAC) Conference & Exhibition will celebrate the Association's 100th anniversary.

This special event is expected to attract 1200+ delegates (25 to 50% more than during a typical year) who are decision makers and senior managers from the private and public sectors of Canada's transportation and roadway sectors.

Delegates will be able to choose from a variety of innovative technical tours showcasing Montreal's unique transportation infrastructure.

The conference program will feature a wide variety of technical, professional and networking events over three and a half days, September 28 - October 1, 2014.

 www.transportation2014.ca

 tac-atc.ca/en/conference

Transportation
2014
PAST-PRESENT-FUTURE

Peoples' Choice Poll

We asked our website viewers to vote for their favorite from among the 39 projects entered in the 2014 ACEC-BC Awards competition.

The results have been tallied, and we are pleased to announce the winner (with 140 votes!) of the **2014 Peoples' Choice Poll**:

Port Mann/Highway 1 Improvement Project – Onshore Works

Owner: Transportation Investment Corp.

Client: Kiewit/Flatiron General Partnership

Consultant: H5M, a Joint Venture of Hatch Mott MacDonald and MMM Group



The Port Mann/Highway 1 Improvement Project is the largest transportation project in British Columbia's history. The Project's \$1.5-billion onshore works, designed by Hatch Mott MacDonald and MMM Group's H5M joint venture, widens 37 km of highway between Vancouver and Langley, includes 30 km of HOV lane, and replaces 14 interchanges. This project improves the movement of people, goods, and transit connections throughout Metro Vancouver.

Honourable Mention

Rounding out the top vote-getters are:

- **Heat Seeking Sewer Model**
Consultant: Kerr Wood Leidal Associates
– 92 votes!
- **Bernard Avenue**
Consultant: Focus Corporation
– 69 votes!
- **Surrey Memorial Hospital**
Consultants: MMM Group Ltd. and Bush, Bohlman & Partners
– 56 votes!

For more information about these, and all of the great projects entered in the 2014 Awards for Engineering Excellence, visit the online **Awards Road Show**.

2015 Awards for Engineering Excellence – Coming Soon!

For the past 25 years, the Awards for Engineering Excellence program has recognized and celebrated the outstanding accomplishments of our members. The annual gala is attended by politicians, senior government officials, client groups, industry leaders and peers, with over 500 attendees this year. Participants in the program receive valuable recognition at the premier industry and networking event for British Columbia's consulting engineers.

Now is the time to start identifying projects you would like to highlight at the 2015 Awards Gala – Friday, April 10th at the Vancouver Convention Centre. The competition will be launched in the next few weeks. In the meantime, if you have any questions about the Awards program, please contact the ACEC-British Columbia secretariat at...

 info@acec-bc.ca

 (604) 687-2811

or visit our website:

 www.acec-bc.ca/awards.aspx

Urban Infrastructure and Built Environment mission to India

The Canadian Trade Commissioner Service and its partners invite Canadian companies to take part in an Urban Infrastructure and Built Environment mission to India from 10-15 November 2014. The mission will consist of a series of seminars and roundtables in New Delhi and Mumbai on 11-12 November respectively, followed by participation at "Municipalika 2014" to be held in Gandhi Nagar, Gujarat from November 13-15, 2014. For more information about Municipalika please see:

 municipalika.com

For additional information, please feel free to contact:

Shriya Ramachandran

 Shriya.ramachandran@international.gc.ca

or Elizabeth Sharma

 Elizabeth.sharma@international.gc.ca

Make sure your voice is heard – online survey closes this week

ACEC-Canada's comprehensive member study that started in June advanced quickly over the past months with focus group sessions held with member firms in Halifax, Montreal, Toronto, Edmonton and Vancouver. These sessions, organized with the support of the Member Organizations (MOs) and managed by ACEC's consultants at Acart Communications, provided instrumental feedback on the value member firms affix to their membership and the current and future issues they believe the consulting engineering sector is facing. Acart also carried out telephone interviews with current and lapsed member firms, as well as consulting engineering firms that have never been members. The feedback collected from these activities has informed the final aspect of the study: an **online survey to all ACEC members**.

ACEC's online member survey: your input is needed

The online survey **closes on October 3** and provides all member firms the opportunity to provide input on how ACEC and its MOs are delivering on member services and programs. It will also allow the opportunity to let ACEC know about programs and services that would help them be more successful in the current and future marketplace. By actively participating in this survey, you will assist ACEC in streamlining and improving current programs, and developing new services that best meet the varying needs of members across the country.

How to access the survey

Take the survey now, at:

<https://www.surveymonkey.com/s/5RG63SZ>

The final results of the study will be presented by Acart Communications to the ACEC Board of Directors and the MOs in mid-October and shared with ACEC members shortly thereafter.

With these results in hand, ACEC will be better informed and equipped to work with the MOs to align our current services and programs, and develop new ones, in an effort to further increase the value our member firms gain from their membership in our organizations, and ensure the ongoing success of the industry.

Tunnelling in a Resource Driven World!

October 26-28 | Sheraton Wall Center, Vancouver

The **Tunnelling Association of Canada** is pleased to welcome you to **Vancouver TAC 2014: Tunneling in a Resource Driven World** (in conjunction with the ITA Nordic Forum on October 26). The program will include a comprehensive trade show, daily plenary presentations, and technical sessions in the following areas of interest:



- Aging Tunnels and Tunnel Maintenance
- Baseline Reports and Contracts
- Mechanized & Conventional Tunnelling
- Shafts
- Site Investigation and Design
- Tunnelling and Hydroelectric Projects
- Tunnelling and Mining
- Tunnelling for Pipelines
- Tunnelling in Glacial Deposits
- Tunnelling in Remote Locations and Extreme Climates
- Urban Tunnelling & Underground Space

 www.tac2014.ca

2015 Western Engineering Competition

The Western Engineering Competition (WEC) draws over 250 of tomorrow's leaders every year to compete in 7 unique categories. UBC Vancouver is proud to be the central location for WEC's 30th anniversary in 2015! The competition has expanded to include twelve of Western Canada's distinguished universities. This unique opportunity not only allows students to develop and improve on engineering fundamentals but also helps foster connections between industry members and other students. We hope that you are as eager as we are to be a part of a competition with such a strong history and foundation.

Learn more about WEC at:

 wec2015.ca

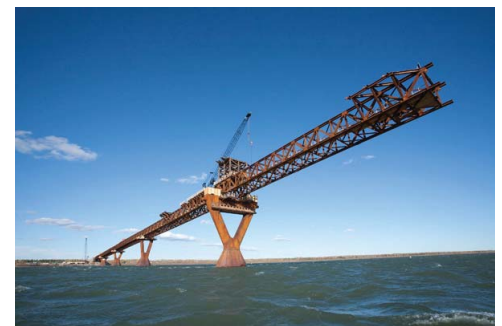
For more information about sponsoring WEC 2015, contact Amit Jain or Alan Ehrenholz:

 amit.sponsorship@wec2015.ca

 alan.sponsorship@wec2015.ca

McElhanney adds to existing bridge expertise with acquisition of Infinity Engineering

McElhanney Consulting Services Ltd. of Vancouver has acquired North Vancouver-based Infinity Engineering, specializing in bridge design and erection engineering. Infinity has played key roles in an impressive portfolio of long-span and complex bridges in Canada, USA and India. The merger adds to McElhanney's existing bridge expertise and complements its road and highway engineering capabilities. Infinity will now operate under the McElhanney name from the company's corporate head office in Vancouver and a branch office in Tampa, Florida.



McElhanney
Since 1910

The Real World: Theory, Common Misconception and Practical Reality in Construction Law

The Pacific Business & Law Institute presents a one day seminar, October 9, 2014 at UBC Robson Square, Vancouver.

The program will focus on common misconceptions and attendant risk management practices across project stages:

- Tendering
- Construction Contracts
 - Payment
 - Liability
 - Dispute Resolution
- Extra Work
- Delays
- Builders Liens

PBLI Pacific Business & Law Institute

 www.pbli.com/programs/overview?itemid=135