

2010/11 PROGRAM

NOTICE OF FORTHCOMING EVENT

April 21, 2011 Dinner Meeting

Partnering with the CGS

Sponsored by Thurber Engineering Ltd.

“Geotechnical Investigation and Design for Highway Rock Slopes”

*By Henry Crawford, P.Eng., and Stephen Bean, P.Eng.
Thurber Engineering Ltd.*

Abstract

In 2009-2010 Thurber Engineering was part of a Design-Build team for the twinning of a 3.8 km long section of the Trans-Canada Highway through Banff National Park. The project included a new interchange with the Icefields Parkway, a new bridge over the Bow River, as well as significant rock cuts along the alignment. The first portion of the talk will provide an overview of this project, as well as a description of the design procedures used to optimize the rock cuts and sizing of the adjacent rock catchment ditches. The second portion of the talk will present a case history of the large rock slide that occurred on October 23, 2008, during construction of the Highway 97 Bentley Road to Okanagan Lake Park Improvement Project.

About the speakers

Mr. Henry Crawford is a senior geotechnical engineer and Principal with Thurber Engineering in Calgary. Henry obtained his Bachelor's of Applied Science degree from Queen's University in 1978 and a Master's in geotechnical engineering from the University of Western Ontario in 1984. Mr. Crawford has been with Thurber for more than 30 years including more than 20 years in Calgary. Henry has worked on multiple infrastructure projects over his career, including both “conventional” Design-Bid-Build projects, and more recently, Design-Build projects

Mr. Stephen Bean graduated from UBC in 1985 with a degree in Geological Engineering and joined Thurber in Calgary immediately thereafter. He has worked on such projects as the Oldman River Dam Project, the SLRT Tunneling Project, the Kicking Horse Canyon Highway Project, the Vancouver Island Highway Project and the Highway 97 Upgrading Project.

The CSCE is a learned society intended to develop and maintain high standards of civil engineering practice in Canada and to enhance the public image of the civil engineering profession.

Schedule

5:30 PM – Registration
6:30 PM – Dinner
7:15 PM – Presentation
8:30 PM – Closing Remarks

Location

Blackfoot Inn
5940 Blackfoot Trail SE
Calgary

Other Upcoming Events:

Wednesday May 4, 2011

Leadership Panel Forum
with

*David Boone, P.Eng.,
Russ Mackenzie, P.Eng. and
Owen Tobert, P.Eng.*

Please register your
attendance at
www.cscecalgary.ca
at least two days prior to
event.

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