



CDBI's 2010 Montreal Conference

The 2010 annual conference was thought to be one of the best to date with a variety of excellent speakers that were all very knowledgeable on their topics

Some quotes from the delegates included *“excellent quality of speakers & delegates with a good diversity of topics (D-Builder/Designers/Owners/Sub Trades and Risk Management)”*; *“The conference was great I now intend to join CDBI”*; *“great to exchange info between east & west”*; *“great program with very good opportunities for networking”*; *“where else can you get an opportunity to meet with Canada’s top Design-Builders in one place”*.

The boat cruise on the St. Lawrence River was enjoyed by all participants and was a nice relaxing way to end the conference.



Mississauga Design-Builder New CDBI Chair

At CDBI's AGM Doug Aris became the new chair. Doug joined EllisDon in 1988 as a co-op student from the University of Waterloo. While attending university, he assumed a variety of roles with EllisDon during his work terms, learning all facets of the construction industry and simultaneously developing his professional skills.

The majority of Doug's construction career has been spent working with EllisDon on several projects varying in complexity, size, and scope. Doug also spent time working as a Design Engineer and Project Coordinator with a mid-sized design-build firm before returning to EllisDon permanently in 1993 where he is currently Director of Preconstruction.



Doug has been involved with CDBI for many years and before becoming Vice Chair was CDBI's Communication & Education Chair

CDBI also welcomed new council members Fabrizio Carinelli of CANA Construction in Calgary & Denis Fortin from the Department of National Defence in Ottawa.

Welcome New Members

- Hall Constructors, a Design-Build firm from Surrey, BC
- M&L General Contracting Ltd, from Winnipeg, MB
- Trow Project Services Inc., Consultants from Fredericton, NB
- Ministry of Transportation – Ontario
- Harvey Architecture, from Halifax, NS
- Construction Kiewit Cie, a General Contracting firm from Boisbriand, QC

CDBI College of Fellows

In 2010 CDBI welcomed its 10th member to a College of Fellows to recognize individuals who made an outstanding contribution to the enhancement of the design-build industry.

Michael Rushton the Director of Physical Resources at Algonquin College of Applied Arts & Technology in Ottawa has been involved in CDBI since its inception and a true advocate of Design-Build. Michael was one of the original members of the CDBI council and the first Owner's Committee Chair. Michael held that position until 2003. Michael is still a current member on the Owner's committee and also one of the judges for the CDBI Design-Build Award of Excellence.



From left to right: Mike Rushton and Doug Aris

Design-Build Award Winners

This year brought a record number of high quality submissions vying for recognition in the Canadian Design-Build Institute's Award of Excellence. Projects covered a wide range of facilities as well as a range of administrative options. They included straight forward DB approaches as well as more complex projects involving initial financing considerations and maintenance contracts. The continuity of the program-to-operation cycle, including designers, financial management experts, builders, suppliers and an array of specialty consultants illustrates the emerging acceptance of the design-build method of project delivery.

The jury took up the challenge by deciding to make awards and nominate runner-up submissions in two categories: **community development** and **industrial projects**.

In the category of "Community Development" the jury agreed on the ***Doug Mitchell Thunderbird Sports Centre*** for recipient of the top Award. The project submission clearly supplied all the required project information and demonstrated a "text-book" DB approach to an arena design challenge. Upon closer inspection of the project it became evident that a number of clever features had been integrated and thus made the design stand out. The project was completed ahead of schedule and on budget.



Design-Builder: Bird Design-Build Ltd.

Consultants: Kasian Architects/HOK Architects

Owner: UBC Properties Trust

In second place in the "Community Development" category was the ***Durham Consolidated Courthouse***. The six storey building contains 33 courtrooms, consultation rooms, general office space, prisoner holding rooms, food services and judicial offices. In addition the project is planned to attain LEED Gold status for existing buildings after six years of operation.

Design-Builder: PCL Constructors Canada Inc.

Consultants: WZMH Architects

Owner: Infrastructure Ontario



The jury agreed on selecting the **Whistler Transit Operations and Maintenance Facility** as the top project in the “Industrial” category.

It was clear from the outset that the deadlines and challenges were substantial with the vital delivery date set by the opening of the Winter Olympics in Whistler BC. Against these odds the project was delivered under budget and in time. Design innovations had to be found not only to integrate novel technical requirements but also to contain and reduce budget estimates which initially were several million dollars over the available funds. This was partly overcome by design and progressive tendering and construction



processes. Sustainability and environmental features include 80% bus wash water recirculation and on-site oil spill mitigation procedures, as well as landscape features enhancing appearance as well as water management.

Design-Builder: Omicron Architecture Engineering Construction Ltd.

Owner: BC Transit

The runner-up in this category is not less unusual as it combines the community focus of an industrial expansion with the need to add to a century old facility and reflect certain symbolic local architectural icons. The project referred to is the **Cascades Groupe Tissu-Lachute** consumer paper facility, producing consumer paper products since 1880. The Design-Builder was Construction Première. The project budget was subject to the owners desire to favour local contractors, which resulted in an open book approach to project budget control.



Engineering requirements were dictated by the owner’s desire to utilize native materials including structural wood beams and trusses for main spans, as well as architectural and heritage requirements integrating the vestiges of a former church in the publicly visible building façade. Other engineering criteria required heat recovery systems, resulting in part in the first North American LEED NC certification in the paper industry.