



# Canadian Consulting Engineering Awards Winners 2000 - 2010

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## **Schreyer Award**

Canada Line Rapid Transit Project, Vancouver, B.C. SNC-Lavalin Inc.

#### Tree for Life Award

Pine Creek Wastewater Treatment Plant, Calgary, Alberta. CH2M HILL

#### **Awards of Excellence**

Manitoba Hydro Downtown Office Building, Winnipeg, Manitoba. AECOM Canada Ltd. and Crosier Kilgour & Partners Ltd.

Richmond Olympic Oval, Richmond, B.C. Fast + Epp and Glotman Simpson

Kingsway Pedestrian Bridge, Burnaby, B.C.

Fast + Epp

Pine Creek Wastewater Treatment Plant, Calgary, Alberta. CH2M HILL

Ravensview Wastewater Treatment Plant Upgrades, Kingston, Ont. J. L. Richards & Associates Limited

- Tatamagouche Water Treatment Plant, N.S. CBCL Limited, Consulting Engineers

Joseph and Gaukel Streets Road Reconstruction and Environmental Remediation, Kitchener, Ont. MTE Consultants Inc.

CANDU Steam Generator Replacement at Bruce A Units 1 & 2, Kincardine, Ont. SNC-Lavalin Nuclear, Inc.

Nam Theun 2 Hydro Project, Lao People's Democratic Republic Klohn Crippen Berger (Vancouver)

Water Transfer from Taksebt Dam, Algeria SNC-Lavalin (Montreal)

## Schreyer Award

South Interlake Recreation Centre Warren, Manitoba Tower Engineering Group Limited Partnership

#### Tree for Life Award

In-Situ Bioremedial Technologies at a Petroleum and Fertilizer Distribution Facility Gladstone, Manitoba AMEC Earth & Environmental

#### **Awards of Excellence**

École de technologie supérieure, Phase III University Residence, Montreal Bouthillette Parizeau & Teknika HBA

CÉROM - Centre de recherche sur les grains Saint-Mathieu-de-Beloeil, Quebec DESSAU

Wal-Mart, Mechanical Engineering Burlington, Ontario Stantec Consulting Ltd.

Vancouver Convention Centre Expansion Vancouver, B.C. Glotman-Simpson Consulting Engineers

William R. Bennett Bridge Kelowna, B.C. Buckland & Taylor Ltd.

Eagle Lake Membrane Filtration Facility West Vancouver, B.C. Dayton & Knight Ltd.

E.L. Smith Water Treatment Plant Upgrade Edmonton, Alberta Associated Engineering Cavendish Farms Bio-Gas Facility (Irving Renewable Energy) New Annan, P.E.I. Stantec

Locks 1 and 2 - Small Hydro, Welland Canal Niagara Falls, Ontario Hatch Ltd.

Low-Temperature District Energy-Sharing System Whistler, B.C. Kerr Wood Leidal Associates Ltd. and DEC Design Mechanical Consultants Ltd.

#### **Schreyer Award**

Rapid Replacement of Highway 417/Island Park Drive Overpass, Ottawa McCormick Rankin Corporation

#### Tree for Life / Un Arbre à Aimer Award\*

\* inaugural

Trees for Tomorrow, Jamaica Tecsult International Ltd.

#### **Awards of Excellence**

NRC National Institute for Nanotechnology, University of Alberta Cohos Evamy Integratedesign

Mistissini Community Centre / Centre Communautaire de Mistissini, Quebec DESSAU

Kicking Horse Canyon Improvement, Phase II, Golden, B.C. Golder Associates with Delcan Corporation

North Arm Bridge, Vancouver Buckland & Taylor Ltd.

Niagara Tunnel Intake Works, Niagara Falls, Ontario Morrison Hershfield Limited

Lakeview Water Treatment Plant Expansion, Phase I Mississauga, Ontario CH2M Hill Canada Limited

G.E. Booth (Lakeview) Wastewater Treatment Plant Expansion and Upgrades, Mississauga, Ontario AECOM Canada

Karun III Hydroelectric Development, Khuzestan, Iran Hatch Ltd. (in joint venture with Mahab Ghodss consulting engineers)

Khudi Hydropower Project, Nepal BPR

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Integrateducation<sup>TM</sup>at Cohos Evamy Cohos Evamy integratedesign(tm)

#### **Schreyer Award**

Acoustic Design, Esplanade Arts and Heritage Centre, Medicine Hat, Alta. Aercoustics Engineering Limited

#### **Awards of Excellence**

Réhabilitation du Centre hospitalier Honoré-Mercier / Rehabilitation of the Centre hospitalier Honoré-Mercier, Saint-Hyacinthe, Quebec DESSAU

Deep Soil Mixing, Ground Stabilization Foundation, Vancouver Island Conference Centre, Nanaimo, B.C. Golder Associates Ltd. (Golder) and Golder Associates Innovative Application (GAIA) Inc.

Gimli Community Health Centre, Gimli, Manitoba MCW/AGE Consulting Professional Engineers

Shikwamkwa Replacement Dam, Wawa, Ont. Hatch Energy

Seymour Falls Dam Seismic Upgrade, North Vancouver, B.C. Klohn Crippen Berger Ltd., Hatch Energy, Greater Vancouver Water District

Conger Marsh Wastewater Treatment Plant, MacTier, Ont. Totten Sims Hubicki Associates (1997) Limited

South Tailings Pond Wetlands, Millennium Mine, Alberta Klohn Crippen Berger Ltd.

Yellow River Water Resources and Flood Management Optimization, China Golder Associates Ltd.

Goodfellow EFSOP® Project at Topy Industries Factory, Toyohashi City, Japan Tenova Goodfellow

Etude de la protection des bassins versants de l'ensemble des barrages en études d'avant projet détaillé et des bassins versants des barrages en exploitation

Management Strategy to Reduce Hillslope Erosion and Reservoir Siltation for Watersheds, Algeria Tecsult inc

#### **Schreyer Award**

Industrial Water Reuse at Gold Bar Wastewater Treatment Plant, Edmonton Associated Engineering

#### **Awards of Excellence**

Canadian War Museum Structural Engineering, Ottawa Adjeleian Allen Rubeli Ltd.

Pavillons Lassonde/Lassonde Buildings Ecole Polytechnique de Montreal Bouthillette Parizeau et associes / Pageau Morel et associes / Pasquin St-Jean et associes experts-conseils inc

Infrastructures Maritimes a Puvirnituq, Nunavik/ Marine Infrastructure at Puvirnituk, Nunavik CIMA+

Queenston-Lewiston International Bridge Fifth Lane McCormick Rankin Corporation / Buckland and Taylor Limited

Arrow Creek Water Treatment Plant, Erickson, B.C. CH2M Hill

Toulnustouc Dam, Baie Comeau, Quebec/ Barrage hydroelectrique de la Toulnustouc, Quebec RSW inc.

Kamloops Centre for Water Quality, B.C. Stantec Consulting Ltd. Stantec

Nitchequon Former Meteorological Station Remediation Golder Associates Ltd.

Turtle Mountain Monitoring, Crowsnest Pass, Alberta AMEC Earth & Environmental

Explosive Detection Systems at Canada's Airports Marshall Macklin Monaghan Ltd.

#### **Schreyer Award**

Ontario College of Art & Design, Sharp Centre for Design Toronto (structural engineering) Carruthers & Wallace Ltd. / MCW Consultants Ltd.

#### **Awards of Excellence**

Sea to Sky Highway Test Section - Design and Construction Services Lions Bay, B.C. Associated Engineering & Golder Associates

Remediation of Sungai Bera Holding Basins Brunei, Southeast Asia Jacques Whitford Limited

Harvey Barracks, Restoration of First Nations Land after 80 Years of Military Use Calgary, Alberta Golder Associates Ltd.

African Development Bank's Environmental and Social Assessment Procedures Tecsult Inc.

Specialty Sinks for Burn Unit, Walter C. MacKenzie Health Sciences Centre Edmonton, Alberta Hemisphere Engineering Inc.

Toronto Pearson International Airport Stage 1 Terminal Development, Project Management. Marshall Macklin Monaghan Ltd./MGP Project Managers

The Alberta Supernet Morrison Hershfield Limited

Dam Safety Programs for Costa Rica and El Savador Acres International

Identification and Analysis of Pollution Sources in the Dnieper River Basin Ukraine, Russia and Belarus SNC-Lavalin Engineers & Constructors Inc.

#### **Schreyer Award**

Bruce Nuclear Power Development Station A, Restart, Units 3 & 4, Addition of Safety Related Features Acres-Sargent & Lundy-Fox (ASLF)

#### **Awards of Excellence**

Ottawa-Macdonald-Cartier International Airport Expansion (joint award)

GENIVAR (terminal structure)

Marshall Macklin Monaghan and J.L. Richards & Associates (MRM) (overall project management)

Central City – Three Timber Structures, Surrey, B.C. Fast + Epp

Excavation for Renovation of Library of Parliament, Ottawa Golder Associates

Honda Manufacturing of Alabama – A2 Project, Lincoln, Alabama Giffels Associates

Esplanade Riel Pedestrian Bridge/Provencher Bridges Phase II, Winnipeg Wardrop Engineering Inc.

Centrale Hydroelectrique Malana/Hydroelectric project, Malana, India RSW International Inc.

Refection des barrages de Chute-a-Caron/Rehabilitation of Chute-a-Caron Hydroelectric Dam, Saguenay, Que.

SNC-Lavalin

Little Mountain Reservoir Reconstruction, Vancouver Sandwell Engineering Inc. / Associated Engineering Inc.

Crowchild Trail Corridor Improvement, Calgary Clifton ND Lea Consulting Inc.

Land Administration in Landmine Contaminated Areas, Cambodia McElhanney Consulting Services/GeoSpatial International

## **Schreyer Award**

Solvay Paperboard PM3 Corrugated Medium Machine, Syracuse, N.Y. AMEC E&C Services Limited

#### **Awards of Excellence**

Reamenagement de l'Edifice Eaton – Complexe les Ailes/Redevelopment of the Eaton Building, Complexe les Ailes, Montreal Pasquin St-Jean & associes inc.

Rama 8 Cable-Stayed Bridge, Bangkok, Thailand Buckland & Taylor Ltd.

Bayview Avenue Extension, Richmond Hill, Ontario McCormick Rankin Corporation (MRC)/Ecoplans

Brentwood Town Centre Station, Burnaby, B.C. Fast + Epp

Aurora College Site Remediation, Fort Smith, NWT EBA Engineering Consultants Ltd.

XEOS - l'imagerie aerienne numerique a haute resolution comme outil de gestion d'un reseau routier/High resolution digital aerial imaging as a road network management tool GENIVAR

Repair and conservation of the "Golden Boy" statue, Manitoba Legislative Building Dillon Consulting Limited

Arrow Lakes Generating Station, Castlegar, B.C. Klohn Crippen Consultants and SNC Lavalin Inc.

Flood Management for the Sihu Basin, China Golder Associates Ltd.

MOZAL Aluminum Smelter, Maputo, Mazambique SNC-Lavalin Inc. & Murray & Roberts Engineering Solutions

#### **Schreyer Award**

Lions' Gate Bridge Deck Replacement, Vancouver Buckland & Taylor

#### **Awards of Excellence**

York University Computing Science Building, Toronto Keen Engineering Co. Ltd.

One Wall Centre, structural design, Vancouver Glotman Simpson Consulting Engineers / RWDI

Sheppard Subway Twin Tunnels and Tunnel Liners Hatch Mott MacDonald Ltd.

Millennium Line Skytrain Expansion to New Westminster, Phase 1 ND Lea Consultants Ltd / RPA Group/SNC-Lavalin

#### **Awards of Merit**

University of Calgary - Information and Communication Technology Building Stantec Consulting Ltd. and Earth Tech Canada Inc.

Fredericton-Moncton Highway, N.B. Marshall Macklin Monaghan Limited / McCormick Rankin Corporation

McClean Bridge Replacement, 864 Oldman River Crossing AMEC Infrastructure Limited / CWA Structural Engineers

Seine Riverbank Stabilization, Shoal Lake Aqueduct, Winnipeg UMA Engineering Ltd.

Creemore Membrane Sewage Treatment Plant, Ont. Marshall Macklin Monaghan Limited

Antamina Tailings Impoundment Facility, Peru Golder Associates

Red Dog Mill Optimization, Alaska AMEC E & C Services Limited

#### **Schreyer Award**

Whittier Access Project Tunnel Segment, Whittier, Alaska. Hatch Mott MacDonald Ltd.

#### **Awards of Excellence**

Hong Kong Airport Traffic Control & Surveillance System Delcan Corporation

Toronto Transit Commission Leslie Station, Sheppard Subway Line Yolles Partnership Inc./Thurber Engineering

East Arrowwood Syphon Replacement, Arrowwood, Alberta UMA Engineering Ltd.

Quadrant Shiploader for Koch Carbon Inc., Pittsburg, California Lassing Dibben Consulting Engineers Ltd/UMA Constructors Inc.

Weyerhaueuse Wood Waste Low Odour Project, Prince Albert, Saskatchewan AMEC E & C Services Limited

#### **Awards of Merit**

Burnaby Mountain School (Mechanical & Electrical Systems), Burnaby, B.C. Stantec Consulting Ltd.

Road bridge system for Pearson Airport New Terminal, Toronto Hatch Mott MacDonald Ltd.

Wastewater Treatment Plant Aerated Lagoon, Miramichi, New Brunswick ADI Systems Inc./Gemtec Ltd.

Nortel Networks clean room manufacturing facility, Ottawa J. L. Richards & Associates Ltd.

GasatAcama Pipeline River Crossings, Argentina Hydroconsult

#### **Honourable Mentions**

Helping Hand, Roof Replacement for Shepherds of Good Hope, Ottawa Morrison Hershfield Limited

## Canadian Consulting Engineering Award Winners 2000 - 2010

Knowledge Management System
A. D. Williams Engineering / Batsch Group Inc.

#### **Schreyer Award**

Semi Submersible Transshipper, Indonesia Seabulk Systems Inc.

#### **Awards of Excellence**

Hall's Harbour Breakwater Wharf, Nova Scotia Vaughan Engineering Associates

Pipe Bursting of the Millstone Sanitary Trunk Sewer, Nanaimo, B.C. Dayton & Knight

Floating Geomembrane Covers for Odour Control and Biogas Collection/Use in Melbourne, Australia ADI Ltd.

Computerized Assessment of Traffic Congestion Along Montreal's Road Network using Semi-Automatic Methods and GPS Technology / Evaluation informatise de la congestion sur le reseau routier de Montreal a l'aide des techniques semi-automatiques et par GPS Consultants MIRO and GENIVAR

Optimization of Groundwater Resources Exploration Techniques in Developing Countries Using RADARSAT-1 Canadian Imagery Tecsult International

#### **Awards of Merit**

Parking Facility, Sheppard Subway, Don Mills Station, Toronto Earth Tech Canada

Pacific Canada Additions - Vancouver Aquarium Marine Sciences Centre Fast + Epp

Gloucester Street Feedermain Sliplining, Ottawa-Carleton Robinson Consultants Inc.

Arsenic Removal from Rehabilitation Center Drinking Water, Rose Hill Center, Michigan ADI Limited

GVRD Watershed Ecological Inventory and Modelling Project Acres International Limited, Vancouver

#### **Honourable Mention**

Anspayaxw School, Kispiox, B.C. Fast + Epp