



TAC Prepares to Develop New Edition of Flagship Manual

TAC is assembling funding to undertake the work necessary to prepare a new edition of TAC's *Geometric Design Guide for Canadian Roads*.

The current edition of the guide was published in 1999. A scoping study completed in 2011 identified several topics that should be significantly updated or added in the next edition of this flagship TAC publication. Recognizing the importance of maintaining the national guide, a fundamental resource used to varying extents by every jurisdiction and design practitioner in Canada, TAC's Chief Engineers' Council and the Board of Directors endorsed a pooled fund project to be initiated as soon as possible.

Funding for the project, expected to cost over \$1 million, is currently being sought. Some funds have been accumulated through a surcharge on each copy of the guide that is sold, and will account for approximately 30% of the project budget. Every provincial, territorial and federal department of transportation, as well as every municipality represented on the Chief Engineers' Council has been asked to commit to the project. Those contributions are expected to yield approximately 60% of the required budget. The remaining 10% of the funding required will be sought from other municipalities, associations, institutions and private sector firms across Canada.

As in all TAC pooled fund projects, funding partners will have the opportunity to appoint a representative to the steering committee that will formulate terms of reference, select a consultant and oversee the work in progress. It is expected that meetings will be held in conjunction with TAC conferences and spring meetings, beginning as early as this fall in Fredericton.

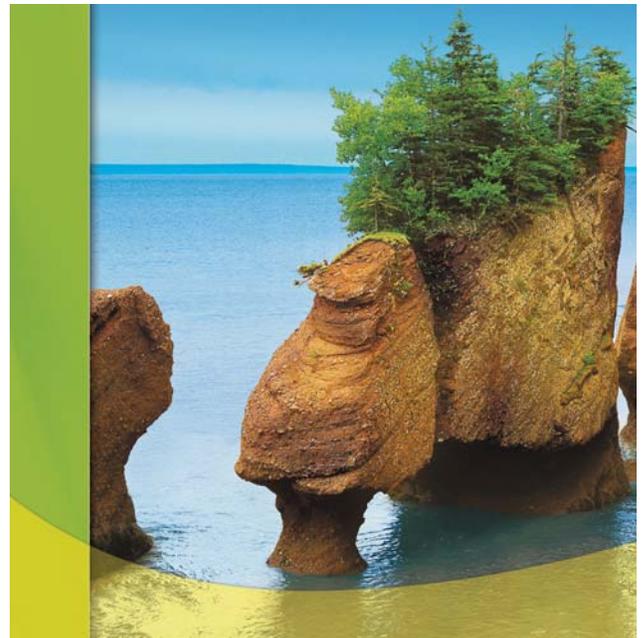
Interested partners are encouraged to contact Sarah Wells (Swells@tac-atc.ca) at the Secretariat as soon as possible to discuss opportunities to become involved.

More information about this project, including the partners currently committed to the work and a description of the subject areas to be expanded in the new edition of the guide, is available at <http://www.tac-atc.ca/english/projects/gdg-rewrite.cfm>. 

2012 TAC Conference & Exhibition

Transportation: Innovations and Opportunities

October 14-17
Fredericton, New Brunswick



DELEGATES – Conference attendees can consult the conference website for information. Early bird registration rates end July 10.

SPONSORS – Potential sponsors are invited to view the remaining sponsorship opportunities and submit their sponsorship agreement form online.

EXHIBITORS – Information on TAC's exhibition is posted online. Showcase your company's products and services directly to members of the TAC community!

In This Issue

MUTCDC Scoping Study Launched

Pooled Fund Projects in Development

Mitigating the Impacts of Climate Change

Welcome to TAC Online!

Small Municipalities Task Force Receives Board Endorsement

TAC Adopts New Five-Year Business Plan

MUTCDC Scoping Study Launched

A new scoping study proposed by the Traffic Operations and Management Standing Committee will assess the need to update TAC's existing *Manual of Uniform Traffic Control Devices for Canada* (MUTCDC).

The current edition of the manual was issued in 1998. Since its publication, there have been significant changes in the body of knowledge and traffic control device standards. The US Federal Highway Administration also released a revised edition of the American version in 2009, which introduced major updates.

TAC's scoping study will help determine the extent of work that is required to revise the manual and will identify and prioritize topics. The project will include a review of the MUTCDC in the context of similar manuals published by other agencies. A review of existing related TAC publications, as well as research and development in traffic control over the last decade, will be included to determine how best to incorporate new technical material. An important focus of the project will also address how traffic operations and road safety can be explicitly incorporated in the MUTCDC.

A survey will be conducted to determine client satisfaction with the existing manual and to identify areas for improvement, including publication medium. Users' needs, with respect to the MUTCDC, will be considered as a tool for consistency, training and learning.

The major deliverable of the scoping study will be a report documenting the project work, with recommendations for MUTCDC updates, aspects of effective traffic control that should be incorporated and a strategy to achieve required updates. Recommendations regarding the extent of work, additional research that may be required, as well as future format and medium for the manual will be provided.

The project steering committee is now being formed and work on the project terms of reference will soon commence. The consultant selection process should be completed this summer.

Committed project funding partners include **Alberta Transportation, British Columbia Ministry of Transportation and Infrastructure, Manitoba Infrastructure and Transportation, New Brunswick Transportation and Infrastructure, Newfoundland and Labrador Transportation and Works, Northwest Territories Department of Transportation, Nova Scotia Department of Transportation and Infrastructure Renewal, Ministry of Transportation of Ontario, Prince Edward Island Transportation and Infrastructure Renewal, Ministry of Transport of Quebec, Saskatchewan Highways and Infrastructure, Halifax Regional Municipality** and the **cities of Edmonton, Montreal, Ottawa, Toronto and Winnipeg.**

TAC Sustainable Funding Briefing Online

A new TAC briefing entitled *Sustainable Funding for Urban / Regional Transportation in Canada*, recently approved by the Urban Transportation Council, is available in the Resource Centre of the TAC website.

Sustainable funding offers a stable mix of reliable funding sources yielding sufficient and dependable revenue streams. It provides incentives to use the transportation system more efficiently, while distributing funding obligations equitably among users and other beneficiaries of the system. The briefing does not advocate for the use of any specific funding source.

Produced through a volunteer effort of the Transportation Finance Standing Committee, the briefing highlights the potential of sustainable funding to build, operate and maintain urban and regional transportation systems. It includes an overview of current funding shortfalls and alternative funding sources with potential to help fill the gap. The document also provides background information on relevant issues, tools and applications to help urban and regional transportation agencies consider alternative revenue sources. 

*A quarterly publication of the
Transportation Association of Canada
ISSN 0317-1280 ~ Publications Mail
Commercial Sales Agreement No. 1708201
2323 St. Laurent Boulevard, Ottawa K1G 4J8
Tel. (613) 736-1350 ~ Fax (613) 736-1395*

www.tac-atc.ca

Editor: Lynne Parisien

*Contributors: Naz Capano, Glenn Cole, Katarina Cvetkovic,
Josée Cyr, David Ferguson, Rico Fung, Sandra Majkic and
Sarah Wells*

Designer: Debi Woods

Send your story ideas and suggestions to news@tac-atc.ca

TAC is a national not-for-profit association with a mission to promote the provision of safe, secure, efficient, effective and environmentally and financially sustainable transportation services in support of Canada's social and economic goals.

The Association is a neutral forum for gathering or exchanging ideas, information and knowledge on technical guidelines and best practices.

In Canada as a whole, TAC has a primary focus on roadways and their strategic linkages and inter-relationships with other components of the transportation system.

In urban areas, TAC's primary focus is on the movement of people, goods and services and its relationship with land use patterns.

Pooled Fund Projects in Development

Three new projects were recommended by TAC standing committees, under the auspices of the Chief Engineers' and Urban Transportation Councils, following deliberations during the recent Spring Technical Meetings held in Ottawa.

Low Volume Roads – Load Management Practices

A project initiated by TAC's Pavements and Soils and Materials Standing Committees will examine the potential for harmonization of seasonal load management practices among Canadian jurisdictions.

Identified issues include a lack of pavement design procedures addressing very low truck volume roads and continued industry pressure for variations to weights and tire configurations. The lack of a robust mechanistic-based analysis procedure for identifying the need for weight restrictions was also cited, as well as the impacts of varying weights on such roads.

A brief survey of low volume road pavement design and load management practices in Canada, conducted in 2011, identified the need for a load management best practice guide.

This project is intended to synthesize the state of practice in transportation agencies and provide guidance for possible enhancements. Future work could examine the potential for harmonization of load management practices among Canadian jurisdictions.

Project deliverables will include a final report and a workshop to present the findings and recommendations.

Synthesis of Asset Management Best Practices in Canada

Recommended by the Asset Management Task Force, the objective of this project is to develop a synthesis of asset management best practices in Canada. Building on a transportation asset management survey conducted in Canadian provinces and municipalities, the synthesis will share asset management information for each stage of implementation.

The Canadian focus of this synthesis will provide agencies with information on sharing similar funding, climatic and economic constraints which may differ from agencies in other countries. Sharing successes and challenges may enhance practices in experienced

agencies and will benefit agencies with less experience in transportation asset management.

This project will identify transportation asset management practices that are actively being used by Canadian jurisdictions, as well as document experiences and lessons learned. It will provide the basis for recommendations on best practices to help improve the effectiveness of asset management in Canadian agencies.

Transportation Funding and Governance in Canadian Metropolitan Areas: An Inventory of Current Practices

This project, proposed by the Transportation Finance Standing Committee, is a follow-up to the 2002 TAC briefing entitled *Innovations in Financing Urban Transportation*.

Since its publication, agencies described in the briefing have gained experience and new regional transportation planning agencies have been established, notably Metrolinx in the Greater Toronto Area.

The goal of this project is to build upon the previous work by documenting the main elements of urban transportation financing in Canada's largest metropolitan areas including Greater Toronto and Hamilton Area, Greater Montreal and Greater Vancouver. The information may also benefit other Canadian municipalities that are considering new funding mechanisms or creating new regional transportation authorities.

Project tasks will involve preparing an inventory of key information on funding mechanisms, regional governance, and distribution of revenue and allocation of resources, among other topics.

Discussions concerning analogous methods of funding and governance applied to the road network will be featured. The final report will also provide a review and analysis of the key features of the governance frameworks in the largest metropolitan areas.

Funding Partners Being Sought

Partners are now being sought to fund these projects, and others previously recommended by TAC's councils and committees. Detailed information on each initiative, including the responsible TAC contact, can be found in the Pooled Fund Projects in Development section of the website. 

**MORE EXPERTS,
THINKING MORE INNOVATIVELY,
DESIGNING MORE INTELLIGENTLY,
MANAGING MORE PRODUCTIVELY,
PARTNERING MORE POWERFULLY.**

www.aecom.com

AECOM

CH2MHILL® + Halcrow
Transporting the World



Learn more by visiting ch2mhill.com

Mitigating the Impacts of Climate Change – Canadian Guide for Greener Roads

Editor's Note: In this contribution to TAC News, Rico Fung and Naz Capano, co-chairs of the Canadian Guide for Greener Roads Project Steering Committee, demonstrate how agencies and practitioners can mitigate the impacts of climate change by implementing sustainable practices contained in the guide. Proposed by TAC's Climate Change Task Force, this feature is one in a series of articles profiling climate change-related initiatives of TAC and its member organizations. Interested organizations are encouraged to contact the newsletter editor to submit an article.

TAC's *Canadian Guide for Greener Roads*, scheduled to be completed this fall, will provide advice on how to make roads greener by addressing numerous sustainability objectives in all steps of a project life-cycle. By focusing on greener, sustainable practices, practitioners will be able to take steps toward mitigating the impacts of climate change.

Transportation agencies throughout Canada tasked with delivering essential services are facing declining material resources, challenges with climate change, greenhouse gas emissions, and a societal movement supporting sustainable development. Tools are needed by practitioners to support the development and implementation of green practices and green roads.

Examples of the benefits of green roads include cleaner air, improved health, more efficient transportation systems and reduced congestion. Green roads also promote sustainable material and resource consumption and waste reduction at all stages of road conception, planning, procurement, construction and maintenance.

A Greener Approach to Sustainability

The *Canadian Guide for Greener Roads* will promote sustainable growth and multi-modal transportation solutions, along with safe, long-lasting roadway infrastructure and green construction principles. It will also provide guidance on all aspects of the delivery of green roads, from inception through the entire lifecycle of the facility. Providing useful information to organizations wanting to adopt greener approaches to new and existing roadway projects, the guide will address the full functional hierarchy of roads in both urban and rural settings.

The guide will cover over 30 practices, ranging from energy efficiency, reduced energy consumption and green procurement to environmental assessment and earthwork balance, elements which are continuously affected by our changing environment. Each practice describes a particular topic, potential benefits of implementation, key barriers and issues, and brief examples of applications.

Sustainability objectives of this guide deal with adapting to a changing climate and providing mitigation options to reduce GHG emissions from transportation activities and infrastructure. Examples include reducing virgin materials use, optimizing waste stream and maintaining biodiversity.



Project Status Update

The concept of a TAC Green Guide for Roads dates back to a 2007 presentation to the Urban Transportation Council about Green Streets and LEED for Roads. A task force was formed shortly after with representation from numerous standing committees and councils across provincial, municipal and industry sectors.

The Task Force's work was used as a foundation to launch a pooled fund project in 2010. Twenty-five partners saw merit in the work and made financial contributions to the initiative.

The project steering committee has begun its second detailed review of the guide. In addition, input from various TAC's standing committees and the Climate Change Task Force will be incorporated. Formal approval of the Urban Transportation and the Chief Engineers' Councils will be sought this fall.

Look for a publication status update of the guide in the next edition of *TAC News*.



Head Office: 905.940.6161 - GTA West: 905.364.6161

Environmental Engineering
Environmental Management • Environmental Sciences
Land Development • Transportation

www.ColeEngineering.ca

Global Solutions in TRANSPORTATION

Markham T 905-946-8900 / 905-940-4566
angela.iannuzziello@genivar.com

www.genivar.com



Welcome to TAC Online!

TAC recently launched a new online system to help its members and customers more easily interact with the Association, called *TAC Online*.

The system can now be used to register for events, including the TAC Conference & Exhibition, update contact information, communication preferences, areas of interest and more. Early feedback on the system has been overwhelmingly positive, noting the system's convenience and user-friendliness.

Members are asked to logon to the system using the link at the top of the TAC website to reset their password and review and update their profile information and communication preferences grouped under "My Account". An email with a link to the system, logons and passwords was sent to the vast majority of member contacts on May 23.

Members in TAC's database who did not receive this email can access their logon and password information automatically using the "Forgot my logon" and "Forgot my password" features near the bottom of the logon screen. If these automated features do not resolve the problem, members may contact secretariat@tac-atc.ca for assistance.

In July, a new, searchable Membership Directory will launch via *TAC Online*. Contact information and communication preferences should therefore be updated before the Directory goes live.

Online registration for the 2012 TAC Conference & Exhibition is now available via *TAC Online*. In the coming months, registration for other TAC events will be available using the site. In the longer term, the Association will work towards moving the TAC Bookstore onto the system. As content gets centralized, TAC will be able to better communicate with members about events and publications of interest to them.

NEW MEMBERS

TAC is pleased to welcome the following new members:

Municipal District of Bighorn

Exshaw, AB

Bill Luka, Director of Operations

Blue Grass Sod Farms Ltd.

Red Deer, AB

Russel McEwen, President

Town of Collingwood

Collingwood, ON

Amanda Norris, Administrative Assistant

DWB Consulting Services Ltd.

Prince George, BC

Brian Aitken, Environmental Manager

EDI Environment Dynamics Inc.

Prince George, BC

Cathy MacKay

County of Grand Prairie No.1

Clairmont, AB

Shane Kessier, Construction Manager

Griffin Transportation Group Inc.

Fall River, NS

James Copeland, Principal, Traffic and Road Safety Engineer

MRDC Operations Corporation

Oromocto, NB

Ross Mathers

Town of Niagara-on-the-Lake

Niagara-on-the-Lake, ON

District of Sparwood

Sparwood, BC

Melvin Bohmer, Director of Operations

Town of Stony Plain

Stony Plain, AB

Peter Burden, Manager of Engineering

BA Consulting Group Ltd.
45 St. Clair Avenue West, Suite 300
Toronto, Ontario M4V 1K9
416.961.7110(tel) 416.961.9807(fax)
www.bagroup.com



Movement in Urban Environments



More than 55 years of award-winning service

Markham Burlington Calgary Kingston Kitchener-Waterloo
London Niagara Falls Ottawa Toronto Vancouver Victoria

www.delcan.com



Infrastructure
Environment
Communities
Facilities

Offices Across Canada and International

www.dillon.ca



TRANSPORTATION

www.hdrinc.com



Smarter Solutions

- Transportation Planning and Engineering
- Transportation Safety and Systems
- Public Transit
- Financial Strategy and Risk Analysis
- Roadway Design

*Licensing may vary by province.

Small Municipalities Task Force Receives Board Endorsement

The TAC Board of Directors approved the revised mandate, terms of reference and work plan of the Small Municipalities Task Force (SMTF) at the recent April Spring Technical Meetings held in Ottawa. As a result, the Task Force can now focus on broadening participation in its program and begin implementing the new work plan.

Meeting the Needs of Small Municipalities

Representing municipalities and small communities throughout Canada, the SMTF provides a forum for discussion of current and emerging issues in the transportation sector. The revised mandate encourages the development and dissemination of practical tools and approaches to address transportation issues within a small municipal context.

To accomplish its mandate, the Task Force will look to build professional networks within the TAC membership and forge connections with other associations with similar interests. Greater outreach to small municipalities is planned and mentoring will be offered to those who may lack resources or have limited access to information.

Networking Provides Value

An important element of the revised work plan includes networking by providing small municipalities an opportunity to share information via a technical session at the TAC Conference & Exhibition.

The SMTF will host two educational sessions at the 2012 TAC Conference, in Fredericton, October 14-17. A technical paper session entitled *Transportation Innovations and Opportunities in Small Municipalities* will feature various topics relevant to small municipalities, in the context of the conference theme.

A panel discussion entitled *New Brunswick's Experience: Innovations and Opportunities in Small Municipalities* will tap into exciting and innovative projects currently taking place throughout the province of New Brunswick.

The video of the panel discussion, taking place on October 16, will be posted on the TAC website following the conference – a great way to disseminate information with existing small municipality members not able to attend the conference and to raise awareness.

The updated work plan was shared with participants who attended the 2011 Town Hall meeting organized by the SMTF, in conjunction with the 2011 conference. The input and feedback they provided was beneficial in shaping future program activities and new initiatives, such as drawing more interest from both small urban and rural communities.

Interested in Joining the SMTF?

The SMTF is looking to recruit members from small municipalities to help provide topics of interest to their growing communities and provide guidance to the issues they face. New members are able to bring fresh, new ideas which can benefit all municipalities across the country. An upcoming survey will help gather relevant information on their specific needs and possible approaches to exchange and disseminate information more efficiently.

To obtain additional information on the SMTF, contact Sandra Majkic at smajkic@tac-atc.ca 

TAC and Edmonton LOC Share Alberta Teamworks Award

The 2011 TAC Conference Team, in partnership with the Edmonton Local Organizing Committee (LOC), won the 2011 Government of Alberta Infrastructure and Transportation Teamworks Award.



Photo: Bill Marsh

Members of 2011 Edmonton LOC

The nomination for the annual award was submitted as a great example of teamwork and a true testament to building strong partnerships.

Providing recognition to two or more people working collaboratively to accomplish a specific goal that supports the Ministry's business plan, teams are recognized for having achieved an outstanding level of performance. The focus of the award is on how the group operates as a team and not the project itself.

TAC continues to work in tandem with the Fredericton LOC in preparation for the 2012 TAC Conference & Exhibition, October 14-17.



The Canadian leader in steel & aluminum pole manufacturing, technology and engineering.

- Poles & Sign Structures ■ Traffic Signal
- Street & Area Lighting ■ Custom ■ High Mast
- Roadway & Residential ■ Trolley/Catenary
- Underground Junction Boxes

Delta, BC: 604-946-1256
Barrie, ON: 705-721-1090

Winnipeg, MB: 204-987-3110
www.valmontwce.com

TAC Adopts New Five-Year Business Plan

At the recent Spring Technical Meetings, the TAC Board of Directors approved a new five-year rolling business plan for the period 2012-2017.

In April 2011, the Board agreed to increase the term of its business plan from three to five years given TAC's current stability and the high level of satisfaction of its members, along with a process to help develop the new plan.

The first step in the process was to obtain comments from the Board regarding the relevance of the current plan's mission, strategic objectives and implementation strategies. Subsequent steps included an online member survey, moderated focus groups, and director interviews. Key findings were featured in the 2011 winter edition of *TAC News*.

The results of the discussions formed the basis of 12 guiding principles that were used to develop the proposed strategies and timelines, and ultimately, a proposed three-year budget forecast. Although the business plan covers a five-year period, the budget forecasts are provided for a three year period given the difficulties in estimating revenues and costs beyond three years.

TAC's business plan reaffirms TAC's mission, vision, and positioning statements and focuses on achieving the Association's four strategic objectives and providing value to TAC's membership and key stakeholders.

Business Plan Highlights

A number of strategies and implementation tactics have been integrated into the proposed work plan. Highlights include:

- ◆ Maintaining the status quo in terms of TAC's governance and business models, while recognizing changes will be necessary to comply with the *Canada Not-for-Profit Corporations Act*
- ◆ Developing new funding models to maintain TAC's flagship publications: the *Geometric Design Guide for Canadian Roads* and the *Manual of Uniform Traffic Control Devices for Canada*
- ◆ Requesting that the technical work of councils and committees consider giving more attention to intelligent transportation systems, multi-modalism, modal integration and efficiency, and various non-technical considerations such as health and socio-economic factors
- ◆ Considering new ways for members to network in addition to traditional face-to-face meetings, such as a collaborative platform, regional meetings, and televideoconferencing
- ◆ Identifying emerging issues and trends during TAC's Conference & Exhibition
- ◆ Increasing sharing of information on emerging issues and trends with members, including council and committee members
- ◆ Updating the business plan annually to address emerging issues and trends
- ◆ Adjusting the conference to satisfy evolving needs
- ◆ Introducing mechanisms to increase low-cost knowledge dissemination and the pricing of publications to reflect a possible

new project funding model for TAC's fundamental national guidelines and publication media

- ◆ Increasing use of electronic media in all business areas, including publications, conference, seminars and workshops, communications vehicles, and networking tools
- ◆ Developing a process for identifying the specific needs of all member segments, including the younger generation
- ◆ Developing a process for directors to better communicate priorities to councils and committees

The entire business plan document can now be viewed on the Association's website in the About Us section at www.tac-atc.ca/english/about/businessplan.cfm. 

Fall 2012 TAC Seminars

TAC continues to expand its seminar and workshop offerings for 2012 and 2013.

Back by popular demand, the following sessions will take place in the fall. Seminar dates will soon be posted on the Association's website and will be featured in the fall edition of *TAC News*.



Bikeway Traffic Control / Traffic Operations & Design

- ◆ September 2012 Vancouver, BC
- ◆ October 2012 Halifax, NS and Fredericton, NB
- ◆ November 2012 Regina, SK and Winnipeg, MB

Erosion & Sediment Control on Roadway Projects

- ◆ September 2012 Calgary and Edmonton, AB
- ◆ October 2012 Vancouver, BC
- ◆ November 2012 Charlottetown, PEI and Halifax, NS
- ◆ December 2012 Winnipeg, MB

Additional sessions based on TAC's *Road Safety Audit Guide* are also being considered, as well as training in some of the Association's recent and upcoming publications including long term transportation planning studies; operation and construction of winter roads; pavement asset design and management; transit priority measures; permafrost guidelines and bridge traffic and combination barriers.

For additional information, contact Josée Cyr at jcyr@tac-atc.ca

Thank you 2012 TAC Conference Sponsors

TAC would like to thank the following organizations for their support and sponsored level of commitment in the 2012 TAC Conference & Exhibition, *Transportation: Innovations and Opportunities*, October 14-17, in Fredericton, New Brunswick.

Potential sponsors are invited to view the remaining sponsorship opportunities on the conference website and submit their sponsorship agreement form online.

Diamond



Platinum

AMEC
Autodesk
Brun-way Highways Operations Inc.
ColasCanada Inc.
Delcan Corporation
Dexter Construction Company Limited
exp Services Inc.
HDR Corporation
MMM Group Limited
PSI Technologies Inc.
Stantec Consulting Ltd.

Gold

Atlantic Industries Limited
Cement Association of Canada
Eastern Designers & Company Limited
GEMTEC
McAsphalt Industries Limited
Morrison Hershfield Ltd.

Silver

Opus International Consultants (Canada) Limited
Roy Consultants Engineering Services
Telenium Inc.
Thurber Engineering Ltd.
Transfield Dexter Gateway Services Ltd.

Bronze

Alberta Traffic Supply Ltd.
J.W. Bird and Company Limited
CBCL Limited
Civil Projects Management Ltd.
Corrugated Steel Pipe Institute
Crandall Engineering Ltd.
Fredericton International Airport Authority
Hillside Consulting Engineers Limited
KPMG
Ourston Roudabout Engineering
Stewart McKelvey
Welton Parent Inc.



35 Years of:

Quality • Innovation • Service • Professionalism

- Transportation
- Civil/Municipal
- Land/Site Development
- Construction Survey
- Project Management
- Water Resources

Edmonton: (780) 440-4411
Red Deer: (403) 340-3022

www.al-terra.com

One Team.
Infinite Solutions.



Stantec's transportation group provides comprehensive planning and engineering services for pedestrian, cycling, road, transit, rail, and aviation projects.

Visit stantec.com for more information.



Global Expertise. Local Strength.

TAC Foundation – Investing in Young Academia

Members and Directors of the TAC Foundation met at TAC's Spring 2012 Technical Meetings last April. The following highlights were shared.

2012 Scholarship Program

A current objective of the TAC Foundation, providing scholarships to Canadians and permanent residents enrolled in full-time studies in transportation-related disciplines, "constitutes the driving force behind investing in human resources and young academia", says one of the founding members of the Foundation, Ralph Haas, Distinguished Professor Emeritus, University of Waterloo.

The Foundation anticipates awarding approximately 45 scholarships valued at more than \$160,000 comprised of 35 scholarships and 10 entrance scholarships.

Significant work was done to promote the 2012 scholarship program, including the development of a new scholarship poster and a review of the scholarship application criteria. The scholarship portion of the website and application forms were revised and restructured for clarity and ease of navigation. Finally, a follow up was done to candidates with incomplete applications with the intention of achieving a higher proportion of fully-complete applications overall.

The preliminary work leading up to the call for applications paid off, resulting in submissions from 106 applicants – a 63% increase in applications over 2011.



The final selection of award recipients will be completed in July. Awardees will be acknowledged at the Awards Luncheon of the 2012 upcoming TAC Conference & Exhibition in Fredericton.

Focus on Communications

The Foundation's Communications Committee, expanded to include a member from Quebec and the Scholarship Committee Chair, meets on a monthly basis to drive the communications effort and donor recognition activities of the Foundation.

Its activities have included the development and execution of the "provincial champion" strategy to promote TAC Foundation scholarships. One of its current areas of focus is to do an environmental scan of existing online video presentations that promote careers in transportation, with the goal of compiling these into a website portal highlighting transportation career recruitment materials.

Donor Fundraising

New commitments or recommitments from 2011 have been received from **exp Services Inc.**, and **McCormick Rankin** (part of the MMM Group of Companies). One-time donations were also received from **CIMA+**, **Clifton Associates**, **Conestoga Rovers**, the **Esch Foundation**, **Highway 104 Western Alignment**, **ROCHE Ltee**, **Stewart Weir** and **XL Insurance Group**, as well as key individual contributors.

To support the TAC Foundation or become a volunteer, visit the foundation website at www.tac-foundation.ca. 

A Moment in Time – Historical Milestones in Transportation

As a prelude to TAC's centennial in 2014, A Moment in Time features historical anecdotes showcasing milestones in transportation. Montreal will host the Association's 100th birthday celebrations, providing an opportunity to highlight important Canadian achievements in the transportation sector.



First commercial paving with bituminous sand in Jasper, Alberta, 1926
(Source: Public Archives of Canada)



A modern, mechanical paver moves down the roadway leaving a wide ribbon of pavement behind. Quick, maneuverable diesel rollers have replaced the old high-wheeled steam machines. This new paving equipment was displayed at the 1957 Road Show, "The World's Fair of the Construction Industry". (Source: Canadian Good Roads Association)

PEOPLE IN THE NEWS

Honourable Ric McIver is the new Minister of Transportation for Alberta and **Honourable Wayne Drysdale** has been appointed Minister of Infrastructure.

The new Minister for Saskatchewan Highways and Infrastructure is the **Honourable Don McMorris**.

Honourable Maurice Smith has been appointed Minister of Transportation and Infrastructure Renewal for Nova Scotia and **Paul LaFleche** is the new Deputy Minister.

Jean-Marc Dupuis has been appointed Deputy Minister of New Brunswick Transportation and Infrastructure.

At MMM Group Limited, **Jianping Jiang** has become Vice-President, Transportation, Western Canada.

Angela Iannuzziello, recently appointed Vice-President of AECOM's transit practice in Canada, will oversee the development of new business and provide strategic direction for transit initiatives across Canada. **Bob Learmouth** is the new Director of the firm's delivery practice within its transportation business in Canada and the Northwestern U.S.

Paul Hunt has been named Senior Road Design Engineer for Saskatchewan Highways and Infrastructure.

Dr. Jeannette Montufar, Associate Professor, Civil Engineering, University of Manitoba, has won the 2012 Leadership Award at Manitoba's Women of Distinction Awards.

Raheem Dilgir has been named President of TranSafe Consulting Ltd. in Vancouver, a road safety planning/engineering company.

With the departure of **Pierre Duhaime** as Chief Executive Officer of SNC-Lavalin Group Inc., **Ian Bourque** will assume the function of Vice-Chairman and interim CEO until a new chief executive is hired.

At the Regional Municipality of York, **Gregg Loane** has been named Program Manager, Integrated Intelligent Transportation Systems.

Tom Kazmierowski, Manager, Materials Engineering and Research Office, Ministry of Transportation of Ontario, was profiled in the March / April issue of *TR News*, issued bi-monthly by the Transportation Research Board of the National Academies.

Michael Bourque has been named President and Chief Executive Officer of the Railway Association of Canada. His predecessor, **Cliff MacKay**, passed away earlier this year after a brave battle with cancer.



ISL Engineering
and Land Services

islengineering.com

Inspiring Sustainable Thinking

Committed to integrating sustainable solutions into our project work and our corporate culture, ISL Engineering and Land Services delivers planning and design solutions for transportation, water, land and environmental projects.

Proud to be recognized at the 2011 Canadian Consulting Engineering Awards.



Our Suite of Advanced CAD Engineering Software

- AutoTURN**
Vehicle Swept Path Analysis
- ParkCAD**
Parking Lot Design
- GuidSIGN**
Highway and Roadway Sign Design
- TORUS Roundabouts**
Roundabout Planning and Design
- NEXUS Intersections**
Intersection Design



604.244.8387 | info@transoftsolutions.com
www.transoftsolutions.com



North America's largest and most experienced
roundabout engineering team



Ourston Roundabout Engineering Canada
(905) 508-3371 x254 • info@ourston.ca • www.roundabouts.ca

Synthesis of Practices for P3 Projects Coming Soon

TAC will soon release a new publication entitled *Synthesis of Practices for Implementing Public-Private Partnerships in Transportation Related Projects*.

Approved by letter ballot of TAC's Chief Engineers' Council, the publication captures relevant public-private partnership (P3) experiences and synthesizes lessons learned from the implementation of P3 projects for transportation infrastructure.

The synthesis will outline key steps and considerations to help initiate, develop and implement transportation P3 projects. It will also provide an overview of existing practices and the recent experience Canadian and international public sector agencies have gained in relation to the administration of transportation P3 projects.

Recommended best practices for P3s will assist owners with the decision-making process and the development of a suitable work

arrangement. Public-private partnerships ensure funds are strategically allocated and incorporate private sector expertise with the view of developing, delivering and maintaining public infrastructure.

LVM Inc. was the consultant for the project that resulted in this publication. Funding partners included **Alberta Transportation, Manitoba Infrastructure and Transportation, the New Brunswick Department of Transportation and Infrastructure, Nova Scotia Transportation and Infrastructure Renewal, the Ministry of Transportation of Ontario, the Ministry of Transport of Québec, Saskatchewan Highways and Infrastructure, Transport Canada** and the **cities of Montréal and Winnipeg.**

A notice will be posted on the TAC website home page when this publication becomes available. 

MEMBERSHIP HAPPENINGS

The Sernas Group Inc. has merged with **GHD Inc.**, a 6,500-person engineering and environmental consulting firm serving clients from over 100 offices around the globe. **Ourston Roundabout Engineering**, a practice-centered roundabout engineering consultancy in the planning and design of complex roundabouts, is a member of The Sernas Group Inc., and under the merger will now become a member of GHD Canada Inc.

Three British Columbia TAC member organizations were honoured at the annual Deputy Minister's Consulting Engineers Awards. **R.F. Binnie and Associates** took the top award for construction management and supervision services on the John Hart-Highway 97, Bennett Creek to Link Creek project. **Urban Systems Ltd.** won for design and contract preparation of roads on the Marine Drive / Lions Gate Transit Priority project, while **McElhanney Consulting Services Ltd.** won for specialized engineering services for its work on the Peace flood road repairs.

The **City of Waterloo** received the 2012 Sustainable Community Award from the Federation of Canadian Municipalities, in relation to the Davenport Road multi-use corridor improvement. This program recognizes municipal projects across Canada demonstrating excellence in environmental responsibility.

TomTom Automotive and Licensing announced a partnership with **Delcan Corporation** in which historical traffic data will be used for the Strategic Highway Research Program (SHRP 2). By using anonymous GPS-based measurements from the historical traffic database, Delcan will develop models for travel time reliability analysis and research as part of the Transportation Research Board of the National Academies SHRP 2 program.

The Honourable Denis Lebel, Minister of **Transport, Infrastructure and Communities**, and Minister of the Economic Development Agency of Canada for the Regions of Quebec, along with Dr. the Honourable C.P. Joshi, Minister for Roads and Highways, India, signed a Memorandum of Understanding (MOU) to enhance cooperation in road transportation and create new opportunities for Canadian businesses. The purpose is to establish a long-term partnership that provides for the exchange of information on road safety and highway management, as well as intelligent transport systems. It also aims to facilitate partnerships between key private and public sector stakeholders and raise awareness of infrastructure investment opportunities in Canada and India.



R.V. Anderson Associates Limited
engineering • environment • infrastructure



toronto	niagara	ottawa	sudbury
london	moncton	fredericton	mumbai
tel 416 497 8600		www.rvanderson.com	

Planning | Transportation/Systems | Design

Transportation Planning • Public Transportation
Traffic Operations & Parking • Intercity Transportation
Goods Movement • Planning & Design



5th Floor – 230 Richmond Street West Toronto ON M5V 1V6
tel 416 596 1930 fax 416 596 0644 www.ibigroup.com

COMING EVENTS ~ 2012

10th International Conference on Concrete Pavements

July 8-12
Quebec City, Quebec
Tel. (613) 738-6094
<http://www.concretepavements.org/10thiccp/>

Mid-year Meeting of the National Asphalt Association

July 16-18
Chicago, Illinois
Toll-free (888) 468-6499
http://www.asphaltpavement.org/index.php?option=com_content&task=view&id=716&Itemid=1406

Annual Meeting and Exhibit of the Institute of Transportation Engineers

August 12-15
Atlanta, Georgia
Tel. (202) 785-0060
www.ite.org/

Annual Conference of the Canadian Institute of Planners

October 9-12
Banff, Alberta
Tel. (613) 237-7526
www.cip-icu.ca/

TAC Fall Technical Meetings

October 11-16
Fredericton, New Brunswick
Tel. (613) 736-1350
www.tac-atc.ca

TAC Conference & Exhibition

October 14-17
Fredericton, New Brunswick
Tel. (613) 736-1350
www.tac-atc.ca

Asphalt Rubber 2012

October 23-26
Munich, Germany
<http://www.consulpav.com/ar2012/english/>

Sustainable Mobility Summit

November 4-7
Hamilton, Ontario
Tel. (613) 226-9845
www.actcanada.com/

Fall Conference and Trans-Expo of the Canadian Urban Transit Association

November 10-14
Quebec City, Quebec
Tel. (416) 365-9800
http://www.cutaaactu.ca/en/eventsandawards/events_awards.asp

Policy Manuals Posted on Public Works Website

Public Works and Government Services Canada's (PWGSC) *Supply Manual* and the *Standard Acquisition Clauses and Conditions Manual* (SACC) are now located in the new *Policy and Guidelines* section on Buyandsell.gc.ca, an online tool for policy updates, information about procurement legal frameworks and related resources.

The Supply Manual contains policies and procedures for the procurement of goods, services and construction by PWGSC

contracting officers. The SACC Manual lists terms and conditions that may be referenced in PWGSC procurement documents.

Improved features include an improved and user-friendly search function, tracking content updates and accessibility for readers using assistive reading technologies.