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CTAA NEWSLETTER

July, 2005

The 50th Annual Canadian Technical Asphalt Association Conference will be held at The Fairmont Empress Hotel in Victoria from November 6th to 9th, 2005.

The 2005 Conference will be held in the same hotel as the formation meeting was held in 1955. There were 48 individuals at that meeting, 42 of whom remained to become charter members of the Canadian Technical Asphalt Association. The primary purpose of the Association has and continues to be the sharing of research experience and technical information between all those involved or interested in the asphalt paving industry and the conduct of conferences for the sharing and discussing of that information.

The Technical Committee has worked hard to prepare a conference program that will be exciting, enlightening and rewarding. This is a once-a-year opportunity to stay abreast of the latest innovations in asphalt technology, products, equipment and techniques. It is also an ideal opportunity to renew old acquaintances and make new friends in the asphalt business.

See you in Victoria in November!

Enclosed with this newsletter are: a CTAA Conference Registration form, a CUPGA Meeting Agenda, a Hotel Registration form, and abstracts of the papers to be presented at the Conference. Additional registration forms, if required, can be obtained from the CTAA office or the web site.

The enclosures also include an invitation for accompanying persons to come to Victoria and enjoy the scenery, shopping and sightseeing. It would be appreciated if the recipient of this CTAA Newsletter passed the invitation on to "an accompanying person" and returned the form with their conference registration.

1. Nomination for Election of Officers

In accordance with By-Law Article 6 of the Constitution and By-Laws the Nominating Committee, appointed by the Board of Directors following the 2004 Annual General Meeting, has proposed the following list of candidates for election to the Board of Directors for the year 2005-2006.

2nd Vice-President	Yves Theriault
<u>British Columbia</u>	Jim Johnson
<u>Ontario</u>	Kelly Carrick Ludomir Uzarowski
<u>Atlantic Canada</u>	Guy Kendziora

The current Directors for Prairies and Québec are Art Johnston and Michel Paradis respectively.

In accordance with By-Law Article 5.3, Vince Aurilio succeeds to the position of President and Chuck McMillan becomes 1st Vice-President.

Under Article 4.1 Leonnie Kavanagh and Sarah Wells, the most recent past presidents, are to continue as Directors.

Under By-Law Article 6.3, additional nominations for the Officers of the Association may be made by petition to the Board of Directors signed by at least ten members in good standing of the Association within thirty days of the mailing.

2. Fiftieth Annual Conference 2005

Registration

Conference registration forms have been included with this newsletter. Please note that the registration forms and payment are to be directed to the Victoria office of the Canadian Technical Asphalt Association. Once the form has been received and documented the pertinent information will be forwarded to the Local Arrangements Committee.

Hotel registration forms should be directed to the hotel and not to the CTAA office

Proceedings

The cost of the Proceedings has been included in non-member's registration fees. Regular membership dues include the Proceedings. **Remember that the registration fee for non-members includes membership in the Association for the year 2005.** Hopefully new members signed up in this fashion will then decide to continue to enjoy the benefits of membership in the CTAA.

Fees

Members, whose 2005 dues of \$140.00 plus \$9.80 G.S.T. are paid up by the 30th of September 2005, the end of the Association's fiscal year will be eligible for the member's discount fee rates. If a person's name does not appear on the membership list he/she will only be allowed to register at the member's discount rate until November 1st, 2004 if he/she can produce a current membership card. Sustaining members may appoint only one delegate and he/she must carry the membership card sent to the sustaining member.

Programs

The program proposed for the Conference is as follows:

Saturday, November 5th, 2005

07:00 – 17:00	CTAA Board Meeting
17:00 – 19:00	CUPGA Management Committee Meeting
16:00 – 19:00	CTAA & CUPGA Registration
19:00 – 22:00	CTAA Director's Dinner

Sunday, November 6th, 2005

07:30 – 17:00	CUPGA & CTAA Registration
07:00 – 08:30	Breakfast
08:30 – 16:30	CUPGA Seminar (Lunch 12:00 – 13:00)
18:00 – 22:00	CTAA Wine & Cheese Reception

Monday, November 7th, 2005

07:30 – 17:00	Conference Registration
07:00 – 08:30	Breakfast
08:30 – 10:00	Annual General Meeting
10:00 – 10:30	Refreshment Break
10:30 – 15:00	CTAA Board Meeting
10:30 – 12:00	Technical Sessions
12:00 – 13:30	Delegate Lunch
13:30 – 16:30	Technical Sessions
14:30 – 15:00	Refreshment Break
21:30 – 01:00	Hospitality Suite

Tuesday, November 8th, 2005

08:00 – 17:00	Conference Registration
07:00 – 08:30	Breakfast
08:30 – 12:00	Technical Sessions

Tuesday, November 8th, 2005 (cont'd.)

10:00 – 10:30	Refreshment Break
12:00 – 13:30	Delegate Lunch
13:30 – 16:30	Contractor's Workshop
15:00 – 15:30	Refreshment Break
18:00 – 19:00	Pre-Banquet Reception
19:00 – 23:00	Banquet
23:00 – 01:00	Hospitality Suite

Wednesday, November 9th, 2005

07:00 – 08:30	Breakfast
07:00 – 08:30	Past Presidents' Meeting/Breakfast
08:30 – 11:30	Technical Sessions
10:00 – 10:30	Refreshment Break
11:30 – 12:00	Awards Reception
12:00 – 13:30	Awards Lunch, Delegates & Accompanying Persons
13:30 – 15:00	Technical Sessions
16:30 – 18:00	Canadian Asphalt and Mix Exchange Program Meeting

There will be a "Speaker's Preparation Room" designated for presenters. Contact the registration desk, or any Local Arrangements Committee member for information and/or access to this room.

The Accompanying Guests Program currently proposed for the Conference is as follows:

Saturday, November 5th, 2005

16:00 – 19:00 Accompanying Guest Registration

Sunday, November 6th, 2005

07:30 – 17:00 Accompanying Guest Registration

18:00 – 22:00 CTAA Wine and Cheese Reception

Monday, November 7th, 2005

07:30 – 17:00 Accompanying Guest Registration

07:00 – 08:30 Welcome Breakfast

08:30 – 17:30 Tour of South Vancouver Island including Chemainus, Cowichan Bay, and Cherry Point Vineyards. Ample time will be provided to view the murals and to shop in Chemainus and to sample the wine at Cherry Point

21:30 – 01:00 Hospitality Suite

Tuesday, November 8th, 2005

07:30 – 08:30 Breakfast

09:00 – 15:00 Tour of the City of Victoria including tea and a tour of Government House and then lunch at the world famous Butchart Gardens with plenty of time to stroll through the beautiful gardens.

18:00 – 19:00 Pre-Banquet Reception

19:00 – 23:00 Banquet

23:00 – 01:00 Hospitality Suite

Wednesday, November 9th, 2005

07:30 – 08:30 Breakfast

09:00 – 11:00 Heritage Fashion show at Fairmont Empress Hotel

12:00 – 13:30 CTAA Awards Luncheon, Delegates and Accompanying Persons

No further activities planned for the Accompanying Guests.

3. Tentative Technical Program For 2004 CTAA Conference**Monday, November 7th, 2005, Morning Session**

1. "Improving Canadian Performance of SMA's by Maximizing Best Practices"
James Scherocman, Susan Tighe

2. **“A Long Term Performance Investigation of Superpave”**
Brent Middleton, Lynne Cowe Falls
3. **“Evaluation of Low Temperature Properties of Asphalt Crack Sealants Using the Direct Tension Tester”**
Huachan Zhai, Delmar Salomon

Monday, November 7th, 2005, Afternoon Session

4. **“A Full Scale Demonstration Project to Evaluate Asphalt Pavement – Highway 6, British Columbia”**
Art Johnston, Mike Oliver, Bert Pulles
5. **“Investigating the Effect of Binder Characteristics on the Fatigue Life of Concrete Pavement”**
K. Kandil, H. Baaj
6. **“Progress of Cold Mix Processes in Canada”**
Keith Davidson
7. **“Les structures de chaussées flexibles fortement sollicitées”(Flexible Pavement Structures for High and Heavy Traffic)**
This paper will be presented in English at the Conference.
Yvan Paquin, Marc Proteau
8. **“N-Design Determination for the Stone Matrix Asphalt Mixture”**
Mathieu Meunier, Danial Perraton
9. **“Importance of viscosity in modified binder”**
Bruno Turenne, Quoc Dinh Duong, Hua Qin Liu

Tuesday, November 8th, 2005, Morning Session

10. **“The Effect of RAP and Proportion on the Properties of Asphalt Mixtures and Binders”**
Xinjun Li, Mihai O. Marasteanu, Timothy R. Clyne & Roger Olson
11. **“The Bailey Method – Achieving Volumetrics and HMA Compactability”**
Vince Aurilio, Bill Pine, Paul Lum
12. **“Micro-Surfacing Projects Conducted by the British Columbia Ministry of Transportation, 1998-2004”**
Ludvik Mazuch, Michael F. Oliver
13. **“Elastic Recovery and Phase Angles of Polymer Modified Asphalts”**
Susanna Ho, Daryl MacLeod, Ludo Zanzotto
14. **“Evaluation of Performance Data from Repeated Load Test”**
Leslie Ann Myers, Jagan Gudimettla, Charles Paugh
15. **“Using the Superpave Gyratory Compactor to Design Mixtures with Modified Binders”**
Nabil I. Kamel, Dong-Woo Cho, Hussain U. Bahia

Tuesday, November 8th, 2005, Afternoon Session

16. **“The Environmental Road of the Future: Analysis of Energy Consumption and Greenhouse Gas Emissions**
Pierre T. Dorchie, Michel Chappat, Julian Bilal

Contractor’s Workshop

Theme: **To be included with the August Newsletter.**

Wednesday, November 9th, 2005, Morning Session

17. **“Rutting and Intersections – Curses and Cures in Alberta”**
Dave Palsat, Ken Yeung, Hugh Donovan, Art Johnston, Hamid Soleymani
18. **“The Use of Simple Performance Tests in the Development of Rutting Resistance Criteria for Superpave Mixes in Ontario”**
Ludomir Uzarowski, Susan Tighe, Michael Maher, Leo Rhottenburg
19. **“Seal Coat Systems in Canada: Performance and Practice”**
Keith Davidson, Gary Houston, Peter Linton, Jean-Martin Croteau
20. **“Estimating Asphalt Pavement Testure Depth Using Superpave Gyratory Specimens”**
Steve Goodman, Yasser Hassen, A.O. Abd El Halim
21. **“Use of Digital Imaging to Evaluate HMA Surface Texture and Aggregate Coverage on Surface Treatment”**
Alan Carter, Mary Stroup-Cardiner

22. “Development of ISO-Stiffness Blending Charts for the Selection of Reclaimed Binder Content”

Glen A. Malpas, Suriyanarayanan Sadasivam, N. Paul Khosla

Wednesday, November 9th, 2005, Afternoon Session

23. “Field Strain Criteria for Asphalt Mixes at the CPATT Test Road”

Ota Vacin, Susan Tighe

24. “Evaluation and Mitigation of Asphalt Surface Course Top-Down Cracking”

John Emery

25. “Sustainable Pavements – Making the Case for Longer Design Lives for Flexible Pavements”

Michael Maher, Gary Moore, Ludomir Uzarowski, Vince Aurilio

4. Delinquent Members

Members who have not paid their **2005** annual dues are reminded that all those persons, whose dues are in arrears on **July 31, 2005**, will have their names placed on the **delinquent** membership list. They will cease to be eligible for membership privileges such as receiving copies of the 2005 Conference Proceedings and having their names published in the 2005 Conference Proceedings and Conference Program Booklet. Any member, whose dues for **2004 and 2005** remain unpaid on **July 31, 2005**, will be considered **suspended**; they will have their name removed from the membership list and will cease to be a member. Suspended members will also cease to receive CTAA mailings and their names will not be printed in the lists of members in the 2005 Conference Proceedings nor the Program Booklet.

5. CUPGA

As in previous years, the CUPGA session will be held on Sunday of the CTAA annual conference. An agenda is included with this newsletter. Please note that CUPGA registration fee is included on the CTAA Annual Conference registration form.

6. Proposed By Law Changes

The Board of Directors resolved at their mid-year Board meeting that certain changes be made to the By-Laws. Most of the suggested changes deal with housekeeping issues and uniformity. The Board is proposing that the year end be set back to June 30 from September 30 thus allowing more time for the auditors to review the finances and prepare their report.

The changes to the By Laws will be discussed at the Annual General Meeting on November 7, 2005, amended if necessary and then be passed to a letter ballot by a simple majority of the voting members present. The letter ballot will be conducted in January 2006.

The changes proposed are as follows:

- Article 3 2. A Student Member shall be an individual who is a full time student at an institution of post-secondary learning whose interests include aspects of asphalt technology. Upon completing a membership application form ~~A a Student applicant Member shall be nominated by their university or college and~~ becomes a Student Member upon following approval of the Board of Directors of the Association.
3. A General Member shall be an individual who is experienced or interested in the characteristics and uses of asphalt materials. A General Member application shall provide an account of experience and interest in such form as may be required by the Board of Directors. Upon completing a membership application form ~~A a General Member applicant becomes a General Member~~ upon following approval of the Board of Directors of the Association.
4. A Sustaining Member shall be an individual, firm, corporation, agency of Government, or other organization desiring to contribute greater support to the Association through the payment of higher dues. A Sustaining Member shall designate a representative. Upon completing a membership application form a Sustaining member applicant becomes a Sustaining member upon following approval of the Board of Directors of the Association.
5. An Honorary Member shall be ~~an individual~~ a member or past member of the Canadian Technical Asphalt Association who has performed distinguished services in the fields of activity related to the purposes of this Association, or who has rendered meritorious service to the same. An Honorary Member ~~may~~ must be nominated by ~~any~~ five Voting Members in good

standing. The nomination must be made in writing addressed to the Secretary-Treasurer and personally signed by the nominators or accompanied by personally signed letters. A nominee becomes an Honorary Member after approval of the Board of Directors of the Association, followed by and ratification by the General Membership of the Association through a letter ballot.

~~6. Election to membership shall be by majority vote of the Board of Directors.~~

~~7. A rejected applicant shall not be reconsidered for Membership until at least one year after the previous application.~~

~~8.6.~~ All Members shall have all the rights and privileges as determined by these By-Laws and by the Board of Directors, properly constituted, except that a Student Member and Sustaining Member may neither vote nor hold office. General Members, and Honorary Members are considered Voting Members.

~~9.7.~~ Any Member may be required to resign by a vote of three-quarters of the Voting Members at an Annual Meeting.

~~10.8.~~ Notice of resignation from Membership or of change of a representative of a Sustaining member shall be presented in writing to the Secretary Treasurer, and thereby accepted.

Article 4 4. Successive Directors shall be elected by letter ballot for a term of two years by the Members and announced at ~~an~~ the Annual Meeting of its Members. A year is here construed as the period between the terminations of two successive Annual Meetings.

10. Any remuneration of officers, agents, employees or committee members shall be fixed by the Board of Directors by resolution. Such resolution shall have force only until the next meeting of the Board Members when such resolution shall again be confirmed by resolution of the ~~Members~~ Board. In the absence of such confirmation the remuneration to such officers, agents, employees, or committee members shall thereafter cease to be payable.

Article 7 6. The Books of the Association shall be closed on the thirtieth day of ~~June~~ September of each year, and they shall be audited annually upon the direction of the Board of Directors. The Voting Members shall, at each Annual Meeting, appoint an Auditor to audit the accounts of the Association and to hold office until the next Annual Meeting, provided that the Directors may fill any casual vacancy in the office of the Auditor. The remuneration of the Auditor shall be fixed by the Board of Directors. The Auditor must be independent of the Association and its Members.

Article 8 6. All Members except Student Members and Sustaining Members shall be considered Voting Members and have equal voting rights at all meetings of the Association. All Directors, with the exception of Board appointed Local Arrangements Committee Co-chairs, shall have equal voting rights at all meetings of the Board of Directors. All voting resolutions of either body shall be carried by a simple majority unless otherwise required by these By-laws or applicable provisions of The Canada Corporations Act, as amended.

Article 10 2. Election of a candidate to Membership is contingent upon payment of dues for the current year within thirty days of notification of election by the Secretary Treasurer to be submitted with the membership application.

7. Future Meetings

2006	Charlottetown, Prince Edward Island
2007	Niagara Falls, Ontario
2008	West

8. Photographs

The 2005 Local Arrangements Committee are looking for photographs from the 1950's showing road construction activities, equipment and or projects (completed or otherwise). It is hoped that a collage of photographs can be displayed at the Conference. All photographs will be gratefully accepted. Please forward same to the CTAA office in Victoria.

9. Honoary Member

It is with regret that we are announcing that long-time member John Ferguson passed away on June 20, 2005. John joined the association in 1961, was a past president and an honorary member. He contributed a number of papers over the years and was always read to participate in lively discussions, whatever the topic. Our condolences go out to his family.

10. Conference Travel

Airline reservations should be made as soon as possible to avoid unexpected glitches.