CTAA Tentative Conference Program - 2014

Monday, Nov. 17th, 2014
Morning Session: 10:00 a.m.

1. Chemical Analysis of Asphalts Blended with Vacuum Tower Bottoms (VTB) and Their Effect on HMA Mixture Performance
   Jason C. Wielinski, Anthony J. Kriech, Gerald A. Huber

2. Evaluation Of Oil Modification Effect On Asphalt Binder Thermal Cracking And Aging Properties
   Amir Golalipour, Hussain Bahia

3. Interrelationships Between Binder Parameters Considered For Asphalt Specifications
   Geoffrey M. Rowe

4. The Ageing Susceptibility of Rejuvenated Asphalt Binders: Determining the Effectiveness of Asphalt Rejuvenators and Additives in a Simulated RAP Binder
   Christine Gorsuch, Ralph Franklin

Monday, Nov. 17th, 2014
Afternoon Session: 13:30 p.m.

5. Comparison of Asphalt Cement Acceptance Methodologies for Provincial Highways in Ontario
   Alexander (Sandy) Brown

6. Asphalt Diffusion
   Pavel Kriz

7. Development of QC/QA Test for Asphalt Binders
   Raj Dongre, Jack Youtcheff, Adrian Andriescu, John Newman

8. Caractérisation des performances thermomécaniques d’un enrobé bitumineux avec particules de verre post-consommation
   Eric Lachance Tremblay, Michel Vaillancourt

9. City of Winnipeg’s Experience with Recycled Asphalt Shingles (RAS) in Hot Mix Asphalt (HMA) Overlays
   Saman Esfandiarpour, Leonnie Kavanagh, Ahmed Shalaby, Paula Camargo

10. Effect of RAP, RAS, and Aging on Workability of Asphalt Mixes
    Raj Dongre, Eugeniu Morari

Tuesday, Nov. 18th, 2014
Morning Session: 08:30 a.m.

11. Structural Evaluation and Full Depth Reclamation Design of Lake Major Road
    Christopher L. Barnes, Jeff MacEwen

12. Ten Years of Experience with Hot Mix Asphalt Containing Recycled Asphalt Shingles in the City of Edmonton
    Hugh Donovan, Nawaz Panhwer, Leonard Dunn

13. Pavement Rehabilitation With Cold Recycling Technology On Highway 8 (Queenston Road) In The City Of Hamilton
    Gary Moore, Reza Namjouy, Christopher Norris

14. Rutting Characterization of Typical Ontario Rubberized-RAP Mixtures
    Doubra Ambaiowei, Xiomara Sanchez, Susan Tighe, Seyed Tabib, Andrew Horseman

15. Feasibility Study of Performance Grading Particulate Asphalt Rubber Binders
    Sallie Houston, Gary Houston, Riielle Haichert, Curtis Berthelot

16. A Performance-Related Approach To The Utilization Of Reclaimed Asphalt Shingles (RAS) In Asphalt Mixtures
    Art Johnston, Jadon Pickett, Lindsay Johnston, Gary Wilson

July 22, 2014
Tuesday, Nov. 18th, 2014

Contractor’s Workshop

13:30 - 17:00.

Panel Discussion

Specifications Method vs. ERS
and everywhere in-between

i. MIT Perspective – MIT environmental Scan - Larry Halayko
ii. SK Highways Perspective – Transition to ERS - Potential
iii. City of Winnipeg Perspective – TBA
iv. Contractor Perspective - TBA

Materials and Construction

v. Basics of Asphalt Refining and Modification (Refiner)
vi. Advances in Cold in Place recycling – State of the Practice (Contractor)
vi. Specifying Anti-strips – Products and their application

Wednesday, Nov. 19th, 2014

Morning Session: 08:30 a.m.

17. Properties of Warm Mix Asphalts with Reclaimed Asphalt Pavement
   J. González-León, F. Achard, N. H. Pham, C. Sauzeat, H. Di Benedetto

18. Development Of High Modulus Asphalt Mixes For Cold Climate
   D. Perraton, M. Meunier, M. Proteau, R. Dufresne, A. Carter

19. State-of-the-Practice for Crack Treatments for Asphalt Pavements
   Dale S. Decker

20. Monitorage de la variation de température de l’enrobé bitumineux au cours de la production, du transport et de la mise en œuvre et effet sur la ségrégation granulaire et thermique
   Frédéric Noël

Wednesday, Nov. 19th, 2014

Afternoon Session: 13:30 a.m.

   Ralph Haas

22. Reduction In Service Life Of Asphalt Pavements Due To Utility Cuts – A Forensic Investigation In The City Of Calgary
   Mohammad Karim, Joe Chyc-Cies, Rabiah Rizvi, Vimy Henderson, Ludomir Uzarowski

23. Advanced Pavement Technology Used for Rehabilitation of Runways at Edmonton International Airport
   Ludomir Uzarowski, Rabiah Rizvi, Darrin Schuster, Felipe Salgado, Carmine Bello, Kris Bourgeois

24. Innovative Multi-Layer Pavement Preservation Techniques
   Gary Houston, Sallie Houston

25. Importance Of Thermal Contraction Coefficient In Low Temperature Cracking Of Asphalt Concrete
   Prabir Kumar Das, Denis Jelagin, Björn Birgisson

26. Project Level Rehabilitation Design Of Asphalt Pavements Using Laser And Lidar Technologies
   Dave Palsat, Chuck McMillan, Darel Mesher, Marta Juhasz, Cherie Fuchs