

**Transportation Association of Canada
Chief Engineers' Council**

Minutes

Dates: April 9 and 10, 2016

Location: Ottawa, ON

Part 1: Saturday, April, 2016

Chair: Kevin McLeod (Northwest Territories)

Members Present:

Alberta	Moh Lali
Association of Consulting Engineering Companies – Canada	David Kozak
AASHTO	Mark A. Van Port Fleet
Calgary	Troy McLeod
Canadian Construction Association	Ryan Essex
Canadian Institute of Transportation Engineers	John McGill
Edmonton	Allan Bartman (for Barry Belcourt)
Halifax	Bruce Zvaniga
Manitoba	Ron Weatherburn
Moncton	Jack MacDonald
Montréal	Thameur Souissi
New Brunswick	Andy Légère
Northwest Territories	Kevin McLeod
Nova Scotia	Bruce Fitzner
Ontario	Dino Bagnariol
Ottawa	Chris Brinkmann
Québec	Anne-Marie Leclerc
Saskatoon	Angela Gardiner
Toronto	Stephen Buckley
Transport Canada	Manon Baril
Vancouver	Taryn Scollard
Winnipeg	Brad Neirinck
Yukon	Paul Murchison

Regrets:

British Columbia	Dirk Nyland
Canadian Society for Civil Engineering	Susan Tighe
ITS Canada	
Newfoundland and Labrador	Max Harvey
Prince Edward Island	Stephen Yeo
Saskatchewan	Ron Gertbrandt

Also Present:

AgileAssets	David Armstrong
Alberta	Manon Plante
Canadian Construction Association	Stephen Dump, Bill Ferreira
TAC Secretariat	Sandra Majkic, Sarah Wells, Lynne Parisien

1. Welcome and Introductions

Mr. McLeod called the meeting to order and welcomed members and guests in attendance. Roundtable introductions followed.

Mr. McLeod invited additions to the agenda; none were proposed and the agenda was adopted as circulated.

2. Minutes of Previous Meeting

a) September 2015, Charlottetown

Mr. McLeod invited comments about, or corrections to, the draft minutes of the September 2015 meeting held in Charlottetown, Prince Edward Island; none were offered.

It was agreed by motion (Leclerc/Lali) that the minutes be approved as circulated and posted on the public portion of the TAC website. **Action: Secretariat**

i. Business arising from the minutes

With respect to business arising from the minutes, Ms. Majkic reported that the information report about the impact of wide base single tires on flexible pavements was included in the meeting package and findings from the report will be presented by the Pavement Standing Committee on Sunday evening.

Mr. McLeod reminded participants that report provides some technical background information, but any further discussion on this issue should reside with the Engineering and Research Support Standing Committee of the Council of Deputy Ministers.

b) Executive Committee Report

Mr. McLeod noted that the Council Executive met by teleconference between meetings to review issues and develop a report to the Board of Directors as well as an agenda for the Council meeting.

He noted that the Council Executive had been invited to provide input on the proposed recommendation by the Climate Change Task Force to form a joint subcommittee on the subject upon its mandate completion.

c) Submission to Board of Directors

Mr. McLeod drew attention to the report to the Board of Directors that had been circulated in advance. He invited comments or questions; none were offered.

d) Executive Director's Report

Dr. Wells drew attention to the Executive Director's report that had been circulated in advance. She noted that the 2015/16 proved to be another successful year for the Association with a stable base of 500 corporate members and a variety of new products and services launched.

Dr. Wells noted that the National Volunteer Week is coming up and she acknowledged TAC volunteers' participation and contribution to the Association. She added that last fall TAC volunteers were nominated as a group for one of the Prime Minister's Volunteer Awards and although the nomination was not successful this time, Dr. Wells indicated that an application will be submitted again when there is the next opportunity.

Dr. Wells reminded members that webinars were launched as part of TAC's Learning Program and she invited council and committee members to propose webinar topics and suggest presenters so the secretariat can arrange for the webinars to be delivered as part of the TAC's Learning Program.

In closing, Dr. Wells recognized the work of the project steering committee, Geometric Design Standing Committee and the Council for completing a new edition of the *Geometric Design Guide for Canadian Roads* (GDG). She also acknowledged Council's support for development of the next edition of the *Manual of Uniform Traffic Control Devices for Canada* (MUTCDC) noting that the Board recognizes the importance of TAC's foundational documents and means to fund them continues to be a discussion at the Board. Dr. Wells added that it is expected that research through the strategic planning process in the next several months will provide some focus for consideration of options.

Following the report, Mr. Weatherburn remarked that sending frequent reminders about TAC webinars and events is a good idea noting that sharing information about TAC products and services is an important part of succession planning as new members become involved.

Ms. Leclerc noted that committees should use webinars for information sharing about the work they do.

Mr. Lali agreed and added that every report produced by AASHTO has to have an implementation plan noting that webinars are a good tool to inform others about the work TAC produces, especially when a new publication is released.

e) Council Appointments

Mr. McLeod reported that following discussion during an in camera discussion, it was agreed that the following organizations be invited to appoint their representatives on the Council for a new term from May 1 2016 to April 30 2018: Association of Consulting Engineering Companies - Canada (ACEC), Canadian Construction Association (CCA), Canadian Institute of Transportation Engineers (CITE), Canadian Society for Civil Engineering (CSCE) and ITS Canada.

Mr. Lali enquired whether the Council should have a representative from academia. Mr. McLeod noted that the Council had benefited from Dr. Tighe's participation as she had been providing educational perspective to the Council's discussions.

The members enquired about a possibility to have the TAC Chief Engineers' Council represented on the organizations appointed on the Council. Representatives present at the meeting indicated that the opportunities will be explored further within their respective organizations and the Council will be informed at the future meetings.

3. 2016 Infrastructure Report Card

Alain Gonthier (City of Ottawa, Chair of the Report Card Advisory Board) joined the meeting to provide a presentation about the 2016 Infrastructure Report Card. Mr. Gonthier provided some background about the project as well as highlights from the report. He presented information about the key findings and sector summaries with the focus on transportation infrastructure.

Attachment #1

Following the presentation, Mr. Weatherburn enquired about a possibility to expand the report to provincial infrastructure. Bill Ferreira (Canadian Construction Association) indicated that it had not been determined how report will be prepared in the future noting a possibility that information may be gathered through the Statistics Canada. Although, the current focus is on municipal infrastructure, the desire is obtain a broader picture of the state of infrastructure in Canada.

Mr. McLeod enquired about definitions of physical condition ratings such as good, poor fair etc. noting that they appear to be subjective. He also enquired about the reinvestment rates and how those were calculated. Mr. Gonthier noted that definitions are provided in the Infrastructure Report Card. He explained that reporting varies amongst different municipalities and a grading system has been used to describe general state of the assets. Mr. Gonthier further explained that rates reflect a body of knowledge gathered from various organizations. Therefore, the rates were generated with a reasonable level of accuracy and based on available data and experts' opinion.

4. Quebec's Auditor General on Infrastructure

Anne-Marie Leclerc (Ministère des Transports, de La Mobilité Durable et de l'Électrification des Transports) provided a presentation about the Auditor General's report on infrastructure in Quebec. Ms. Leclerc talked about ten recommendations provided to the department as well as main actions to address those recommendations.

Attachment #2

Following the presentation, Mr. McLeod enquired whether there were any questions from the Auditor about the risk assessment. Ms. Leclerc explained that the department integrates risk management into its processes and risk assessment is conducted when planning and setting priorities which appeared to be satisfying for the auditing.

Mr. Zvaniga enquired whether the previous report was dismissed with the release of the new report. Ms. Leclerc explained that the measures proposed based on findings from the previous report will be integrated with the new measures.

5. Nipigon River Bridge

Dino Bagnariol (Ontario Ministry of Transportation) provided a presentation about the Nipigon River Bridge sharing some technical details about the structure, its partial failure in January 2016 and Ministry's response to the incident and implemented temporary measures.

Attachment #3

Following the presentation, Mr. Lali enquired whether the central office was involved in the bridge design. Mr. Bagnariol explained that the staff at the central office had seen the plans before the tender process began, but they were not involved in detail design.

Ms. Leclerc asked if it is expected that the internal processes be revisited as part of investigation. Mr. Bagnariol indicated that an internal audit of the processes is underway with recommendations to follow.

6. Gordie Howe International Bridge

Mark Van Port Fleet (Michigan Department of Transportation) provided a presentation about the project components to build additional border capacity for the Windsor-Detroit crossing. Mr. Van Port Fleet talked about the features of the future structure as well as construction procurement processes and key commercial terms.

Attachment #4

Following the presentation, Mr. Lali enquired about the arrangements for collecting toll fees. Mr. Van Port Fleet explained that the toll fees will be collected by the Windsor-Detroit Bridge Authority and will be provided to the Government of Canada for future investments.

Mr. Bartman enquired about the project completion date. Mr. Van Port Fleet indicated that the project is scheduled for completion in 2020.

7. Federal Updates

a) Navigation Protection Act

Martin Chaumont (Transport Canada) provided an update on the *Navigation Protection Act*. He focused on key changes to the Act, processes for determining navigability and assessment of navigational impact. Mr. Chaumont noted that the Act will undergo a review and emphasized the importance of engagement and consultation with all stakeholders for a successful review of the legislation. He indicated that information about the review processes will be shared with TAC.

Attachment #5

B. Neirinck enquired about the deadline for agencies to opt out from the regime. Mr. Chaumont indicated that agencies can do so until March 31 2019.

b) New Build Canada Plan

Jacqueline Shaw (Infrastructure Canada) provided an overview of the Plan for provincial, territorial and municipal infrastructure projects that enhance economic growth, job creation and productivity. She provided some information about the New Building Canada Fund, Gas Tax Fund and Public-Private Partnerships Canada Fund.

R. Weatherburn enquired about the transportation projects eligible for funds under the new Plan. Ms. Shaw indicated that details about legibility criteria will be available in the coming weeks.

P. Murchison indicated that some projects were put on hold and contracts were not getting signed until it is determined what projects are qualified for funding. Ms. Shaw explained that the department is focusing its work on streamlining and expediting the processes.

Mr. McLeod remarked that although it is understood that processes are still under discussion within the Infrastructure Canada, Council member agencies would appreciate further information about the future developments regarding fund allocations for infrastructure projects.

c) Climate Change

Luc-Alexandre Chayer (Transport Canada) joined the meeting to provide a presentation about the key risks and opportunities for transportation sector from a changing climate. He talked about Transport Canada's adaptation efforts including the Northern Transportation Adaptation Initiative.

Attachment #6

Following the presentation, Mr. McLeod enquired about the budget available for provinces and municipalities to address climate change by innovations. Mr. Chayer explained that the federal budget included funds for seven government departments, including Transport Canada, but allocation had not been determined yet. Working groups within the government will be formed over the summer to work on details.

P. Murchison remarked that understanding the current state of permafrost and use of adaptive methodologies is critical and he indicated that creation of a network of expertise will be helpful to develop and implement new innovative technologies.

8. Big Transportation Data for Cities

Stephen Buckley (City of Toronto) provided a presentation about collection and use of big transportation data in the City of Toronto. He talked about importance of big data and provided examples of monitoring and managing road system's performance using such data.

Attachment #7

Following the presentation, Mr. Brinkmann observed that data availability for monitoring and managing road system may become a challenge for balancing expectations.

Mr. Van Port Fleet enquired about the arrangements the City of Toronto has for storing such large amounts of data. Mr. Buckley explained that data is available in a remote, cloud storage and due to privacy issues the City is not a primary collector of data, but can request smaller sets of data as required.

Mr. Buckley invited participants to contact the City of Toronto's [Big Data Innovation](#) team that was created in 2015 to leverage emerging transportation datasets together with existing data to develop a new understanding of transportation issues in the city.

9. Canadian Unmanned Air Vehicle (UAV) System Operations

Mark Wuennenberg (Transport Canada) joined the meeting to provide a presentation about unmanned air vehicles, regulatory developments and flying permit application processes.

Attachment #8

Ms. Leclerc asked if special authorization to fly an UAV could be obtained when required for emergency responses due to a disaster. Mr. Wuennenberg explained that authorization can be obtained for a specific site and during specific times.

Mr. Lali enquired whether an agency using UAVs for bridge inspections is required to file a flight path. Mr. Wuennenberg confirmed and suggested an application be submitted two months in advance of the scheduled work.

Mr. McLeod asked what should be included in contract tenders involving UAVs. Mr. Wuennenberg explained that a stipulation for UAV owners to obtain the special flight operations certificate or flying exemption should be included.

10. Appointed Members' Report

a) AASHTO

Mr. Van Port Fleet provided a report on behalf of the American Association of State Highway and Transportation Officials (AASHTO). He highlighted a variety of initiatives, informed the Council about AASHTO's Innovations Initiative, provided an update on the *Manual for Assessing Safety Hardware* (MASH) as well as details about a diverge diamond interchange project.

Attachment #9

Following the report, Mr. Lali indicated that, as a member of AASHTO's Standing Committee on Research he will share with the Council a list of recently approved research projects.

b) Canadian Society for Civil Engineering

On behalf of Dr. Tighe, Mr. McLeod reminded Council members about the Canadian National Infrastructure Report Card tour sponsored by the Canadian Society for Civil Engineering.

Attachment #10

c) Association of Consulting Engineering Companies – Canada

Mr. Kozak provided a presentation on behalf of the Association of Consulting Engineering Companies – Canada. **Attachment #11**

d) Canadian Construction Association

Mr. Essex reported on several issues of interest to the Canadian Construction Association (CCA). **Attachment #12**

e) ITS Canada

No update.

f) Canadian Institute of Transportation Engineers (CITE)

Mr. McGill provided a report on behalf of the Canadian Institute of Transportation Engineers and highlighted the technical activities underway through the Institute.

11. Roundtable Discussion – Emerging Issues, New Initiatives

In roundtable discussion, members shared information about new initiatives and issues within their jurisdictions. It was noted that options for procurement practices, big data, automated/connected vehicles, succession planning and attracting youth to the industry, consultations with public and First Nations and e-construction practices were common interests for members.

12. Other Business

There being no other business, the meeting was adjourned until 2:00 PM on Sunday, April 10.

Part 2: Sunday, April 10, 2016

Chair: Kevin McLeod (Northwest Territories)

Members Present:

Alberta	Moh Lali
Association of Consulting Engineering Companies – Canada	David Kozak
AASHTO	Mark A. Van Port Fleet
Calgary	Troy McLeod
Canadian Construction Association	Ryan Essex
Canadian Institute of Transportation Engineers	John McGill
Edmonton	Allan Bartman (for Barry Belcourt)
Halifax	Bruce Zvaniga
Manitoba	Ron Weatherburn
Moncton	Jack MacDonald
Montréal	Thameur Souissi
New Brunswick	Andy Légère
Newfoundland and Labrador	Max Harvey
Northwest Territories	Kevin McLeod
Nova Scotia	Bruce Fitzner
Ontario	Dino Bagnariol
Ottawa	Greg Kent (for Chris Brinkmann)
Prince Edward Island	Darell Evans (for Stephen Yeo)
Québec	Anne-Marie Leclerc
Saskatoon	Angela Gardiner
Toronto	Stephen Buckley
Transport Canada	Manon Baril
Vancouver	Taryn Scollard
Winnipeg	Brad Neirinck
Yukon	Paul Murchison

Regrets:

British Columbia	Dirk Nyland
Canadian Society for Civil Engineering	Susan Tighe
ITS Canada	
Saskatchewan	Ron Gerbrandt

Also Present:

Alberta	Manon Plante
Manitoba Infrastructure	Eric Christiansen
MORR Consultants	Garreth Rempel
WSP/MMM Group	Geoff Millen
Québec	Diane Leroux
Stantec Consulting	Carl Clayton
Beau-Bay Consulting Ltd.	Andy Horosko
City of Mississauga	Michael Flanigan
TetraTech	Gary St. Michel
TAC Secretariat	Sandra Majkic, Luay Mustafa

Standing Committee Representatives:

Joint Active Transportation Subcommittee	Dean Cooper
Asset Management Task Force	James Smith
Geometric Design	Greg Cooke
Maintenance and Construction	Phil Hutton

Pavements	Marta Juhasz
Road Safety	Ali Hadayaghi, Geni Bahar, Craig Milligan
Soils and Materials	Marta Juhasz
Structures	Ruth Eden
Traffic Operations and Management	Rob Hird

1. Opening Remarks

Mr. McLeod reconvened the meeting and reviewed the items remaining on the agenda.

2. Council Administration

a) Overview of Projects in Progress and Development

The Secretary highlighted the reports about projects in progress and in development that had been circulated in advance of the meeting. She noted that almost \$1M has been committed for the MUTCDC 6th Edition project. She further noted that \$1,255,000 was originally estimated as total required funds and it was expected that ~\$100,000 be provided as in-kind contribution by consultants contracted to develop the Manual.

Mr. Lali remarked that committed funds may be insufficient to complete the work as required and suggested that Council member agencies consider providing additional funds to meet the target. S. Majkic explained that Traffic Operations and Management Standing Committee is expected to discuss the project funding level and provide recommendations to the Council during their report.

b) Road Safety Engineering Award Recommendation

Mr. McLeod indicated that there were four nominations for the 2016 Road Safety Engineering Award. A document describing each nomination and recommendation by the Review Panel was included in the meeting package. He noted that all Technical Excellence Awards are approved by the respective oversight councils and Council's approval of the recommendation is sought. Mr. McLeod invited questions or comments about submissions and recommendation. None were offered.

It was agreed by motion (MacDonald/Weatherburn) that the 2016 Road Safety Engineering Award be conferred upon the City of Toronto for their curb radii design guidelines.

3. Project Presentations

a) National Guidelines for Workzone Safety Project

Garreth Rempel of MORR Transportation Consulting provided a presentation about this project conducted under the auspices of the Road Safety Standing Committee (RSSC).

Attachment #13

Following the presentation, Mr. Souissi enquired about the training on the subject. Mr. Rempel explained that the document provides consideration for training but it is not prescriptive about training requirements. He added that a TAC webinar on this topic will be considered.

It was confirmed that the RSSC had recommended the project deliverables be reviewed by letter ballot and **it was agreed by motion (Murchison/Weatherburn)** to review the report by letter ballot.

Action: Secretariat

b) Guide to Load Management for Weak Pavement Structures Project

Gary St. Michel of TetraTech provided a presentation about this project conducted under the auspices of the Pavements Standing Committee (PSC).

Attachment #14

Following the presentation, it was confirmed that the PSC had recommended the project deliverables be reviewed by letter ballot and **it was agreed by motion (Lali/Légère)** to review the report by letter ballot.

Action: Secretariat

c) **Geometric Design Guide for Canadian Roads - New Edition Project**

On behalf of the project steering committee, Eric Christiansen (Manitoba Infrastructure) introduced Carl Clayton of Stantec Consulting and Geoff Millen of WSP/MMM Group to provide a presentation about this project conducted under the auspices of the Geometric Design Standing Committee (GDSC).

Attachment #15

Mr. Christiansen indicated that although it was not a comprehensive rewrite of the entire Guide, it has been a significant undertaking and he commended project steering committee members and consulting team for their dedication and participation on the project. Mr. Christiansen also thanked Council members and other funding partners for their support to the project, indicating the importance of the Guide to TAC members and transportation industry.

Following the presentation, Mr. Lali noted that some agencies had been using both, TAC and AAHSTO Guide to design their roads and he enquired about the differences between the two documents and whether agencies using AASHTO Guide or parts of it will be able to use only TAC Guide. Mr. Clayton explained that Canadian practitioners rely on the research completed in the USA that has been included in the AASHTO Guide. He added that although the new *Geometric Design Guide for Canadian Roads* is the first document in North America to integrate vehicles, bicycles and pedestrians, it would be long process to reconcile the differences between the two documents.

Mr. Christiansen confirmed that the GDSC had recommended the project deliverables be reviewed by letter ballot and **it was agreed by motion (Légère/Scollard)** to review the Guide by letter ballot.

Action: Secretariat

Mr. Christiansen added that the Geometric Design Standing Committee will continue working on the Guide to identify areas that need to be revisited as well as issues that need to be addressed.

4. Road Safety Professional Designation Update

Geni Bahar (Navigats Inc.) joined the meeting to provide a presentation about the work of the Road Safety Standing Committee regarding establishing a road safety professional designation.

Attachment #16

In discussion following the presentation, members noted that the need for establishing such designation may be diminishing with introduction of automated vehicles given that the human factor is a major contributor to road accidents. Ms. Bahar explained that although with automated vehicles number of collisions is expected to be reduced, the practitioners will still have to continue learning how to prepare infrastructure and design roads for this new generation of vehicles.

There was some discussion about benefits of the Professional Traffic Operations Engineer (PTOE) and other similar designations that may not be requirements by employers and thus, no special incentives are provided to employees to obtain such designation.

Mr.Lali remarked that road safety is part of all aspects of a road design project and all involved are expected to apply safety principles through all phases of a project. He added that while educating those involved on projects is required, a formal designation may not be necessary. Mr. Lali suggested that the needs and benefits of establishing such designation be further explored. Ms. Bahar explained that designation may also be a catalyst for developing more courses and training required for road safety professionals.

Mr. McLeod suggested that the subcommittee continues its work exploring the issues and requirements in more details and provide an update to the Council in the fall.

Action: Road Safety Standing Committee

5. TAC Awards Nominations

On behalf of the Pavements Standing Committee, Ms. Juhasz conveyed the recommendation that France Bernard be recognized with TAC's Award for Service.

On behalf of the Geometric Design Standing Committee, Mr. Cooke conveyed the recommendation that Terry Bidniak be recognized with TAC's Award for Service. He also conveyed the recommendation that Eric Christiansen and John Hammer be recognized with TAC's Distinguished Service Award.

On behalf of the Traffic Operations and Management Standing Committee, Mr. Hird conveyed the recommendation that Chris Blackwood be recognized with TAC's Award for Service.

On behalf of the Structures Standing Committee, Ms. Eden conveyed the recommendation that Kevin Baskin be recognized with TAC's Award for Service. She also conveyed the recommendation that Howard Yea and Shiraz Kanji be recognized with TAC's Distinguished Service Award.

On behalf of the Road Safety Standing Committee, Mr. Hadayeghi conveyed the recommendation that Walter Burdz be recognized with TAC's Distinguished Service Award.

It was agreed by motion (Neirinck/McGill) to recommend Walter Burdz, Eric Christiansen, John Hammer, Shiraz Kanji and Howard Yea for the Distinguished Service Award.

It was recognized that the number of the Award for Service recipients is limited to two per year per council, thus **it was agreed by motion (Bartman/Murchison)** that recommendations for the 2016 Award for Service recipients be reviewed and votes solicited electronically following the meeting.

Action: Secretariat

6. Standing Committee Presentations and Project Proposals

a) Soils and Materials Standing Committee

Marta Juhasz (Alberta Transportation) provided a presentation on behalf of the Soils and Materials Standing Committee (SMSC).

Attachment#17

On behalf of the SMSC, Ms. Juhasz recommended that two new funded projects be undertaken to study soils stabilization treatments and pothole repair practices in Canada. She suggested a consultant assignment of \$100,000 would be required for each project. **It was agreed by motion (Lali/McGill)** that funding be sought to conduct the projects.

Action: Secretariat

b) Pavements Standing Committee

Marta Juhasz (Alberta Transportation) provided a presentation on behalf of the Pavements Standing Committee (PSC). She highlighted the technical discussions that had been held during the committee's meeting and identified priorities and emerging issues.

Attachment #18

As part of her presentation, Ms. Juhasz provided some highlights from the report about potential damage from the wide base single tires depending on pavement structures and truck fleet that was prepared for Council's information and circulated prior to the meeting.

c) Traffic Operations and Management Standing Committee

Rob Hird (Nova Scotia Transportation and Infrastructure Renewal) provided a presentation on behalf of the Traffic Operations and Management Standing Committee (TOMSC), during which he identified priority and emerging issues of interest to the standing committee.

Attachment #19

Mr. Hird further reported that, as a result of a volunteer project, the TOMSC recommends standardization of the Rectangular Rapid Flashing Beacons (RRFB) flash pattern and that section B3.2.5 of the *Manual of Uniform Traffic Control Devices for Canada* (MUTCDC) be amended to include wig-wag and simultaneous pattern for RRFB. **It was agreed by motion (Weatherburn/Lali)** that the project report and recommendation for the updates to the MUTCDC be reviewed by letter ballot.

Action: Secretariat

d) Structures Standing Committee

Ruth Eden (Manitoba Infrastructure) provided a presentation on behalf of the Structures Standing Committee (SSC) and highlighted the technical discussions as well as priorities and emerging issues of interest to the committee.

Attachment #20

e) Road Safety Standing Committee

Alireza Hadayeghi (CIMA Canada) provided a presentation on behalf of the Road Safety Standing Committee (RSSC), highlighting committee discussions and key activities.

Attachment #21

On behalf of the RSSC, Mr. Hadayeghi recommended that a new road safety youth achievement award be created to recognize achievements of youth in road safety. The Council members supported the idea but suggested an award be created for young professionals instead. It was further suggested that an award be created to broadly recognize a young professional in transportation. After some further discussion, **it was agreed by motion (Neirinck/Souissi)** that an award be created to recognize a young professional.

Mr. McLeod indicated that the Council's recommendation will be presented to the Board of Directors for consideration.

f) Maintenance and Construction Standing Committee

Phil Hutton (Ontario Ministry of Transportation) provided a presentation on behalf of the Maintenance and Construction Standing Committee (MCSC). He identified priorities and emerging issues under discussion and provided an update on volunteer projects being conducted under the auspices of the committee.

Attachment #22

g) Geometric Design Standing Committee

Gregg Cooke (Stantec Consulting) provided a presentation on behalf of the Geometric Design Standing Committee (GDSC). He summarized discussions held during the committee's meeting and provided an update on projects being conducted under the auspices of the committee.

Attachment #23

h) Asset Management Task Force

James Smith (Ontario Good Roads Association) provided a presentation on behalf of the Asset Management Task Force (AMTF). He summarized discussions held during the committee's meeting and provided an update on projects being conducted under the auspices of the committee.

Attachment #24

He conveyed a recommendation from the AMTF to TAC to promote the AASHTO Geographic Information Systems for Transportation (GIS-T) Symposium. Mr. McLeod indicated that the secretariat will determine the processes to promote the event.

i) Joint Active Transportation Subcommittee

Dean Cooper (Watt Consulting Group) provided a presentation on behalf of the Joint Active Transportation Subcommittee (JATSC). He reported that the subcommittee finalized the terms of reference and compiled a list of TAC products that address active transportation including conference papers, publications, briefings and primers.

Attachment #25

Mr. McLeod thanked the Standing Committee Chairs for their time and reports and commended committees for their work and contribution in completing Council's mandate.

4. Other Business

Mr. Lali announced his retirement from the Alberta Transportation indicating that it will be his last Council meeting. He thanked the Council members for the opportunity to participate and share the information and knowledge about various topics of interest to member agencies.

On behalf of the Chief Engineers' Council, Mr. McLeod thanked Mr. Lali for his dedication and contribution to the Council, its work and projects over the years.

Mr. McLeod reminded members that the next Council meeting will be convened on September 25th and 26th in Toronto.

There being no further business, the meeting was adjourned.

Prepared by: Sandra Majkic
Distributed: May 26 2016

List of Attachments
(Available on the TAC SharePoint)

1. Presentation: Canadian Infrastructure Report Card
2. Presentation: Quebec's Auditor General on Infrastructure
3. Presentation: Nipigon River Bridge
4. Presentation: Gordie Howe International Bridge
5. Presentation: Update on the *Navigation Protection Act*
6. Presentation: Climate Change
7. Presentation: Big Transportation Data for Cities
8. Presentation: Unmanned Air Vehicle System Operations
9. AASHTO Update
10. Canadian Society for Civil Engineering Info
11. Association of Consulting Engineering Companies – Canada Update
12. Canadian Construction Association Update
13. Presentation: National Guidelines for Workzone Safety Project
14. Presentation: Guide to Load Management for Weak Pavement Structure Project
15. Presentation: Geometric Design Guide for Canadian Roads New Edition Project
16. Road Safety Professional Designation Update
17. Soils and Materials Standing Committee Report
18. Pavements Standing Committee Report
19. Traffic Operations and Management Standing Committee Report
20. Structures Standing Committee Report
21. Road Safety Standing Committee Report
22. Maintenance and Construction Standing Committee Report
23. Geometric Design Standing Committee Report
24. Asset Management Task Force Report
25. Joint Active Transportation Subcommittee Report