

Meeting Minutes - CAPTG General Planning Meeting

Stantec Office, Winnipeg, Manitoba
February 6-7, 2013

February 6, 2013

Attendees:

Name	Organization
Geoff Petzold	SNC Lavalin
Dick Stilwell	Government of Yukon
Todd Kruszewski	CAC
Chris Stewart	GTAA
Alice Krol	Transport Canada
Leanne Whiteley-Lagace	Stantec
Surinder Brar	PWGSC
Marla Hughesman	DND
Myron Thiessen	DND
Jared Mitchell	DND
Graham Karlowsky	PWGSC
Gord Drysdale	CBR Tech

Welcome:

- 1) **Marla Hughesman** opened the meeting @ 1300 by welcoming everyone to the meeting.

Review of Previous Meeting Minutes

- 2) **Myron Thiessen** reviewed the minutes from the annual general meeting (AGM) held in September 2012.
- 3) **Marla Hughesman** moves that we adopt the minutes as read. **Geoff Petzold** seconds the motion. **CARRIED.**

2013 SWIFT Conference – Technical Track

- 4) **Marla Hughesman** provided a brief update on the SWIFT Committee's plans for this year's conference. A few details of note:
 - a. There likely won't be any friction panel sessions on this year's agenda.
 - b. The room for the CAPTG Workshop is one of the standard ballrooms so there should be no concerns with overall size, overhead clearance, and accessibility. We will need to make sure we ask for similar A/V to the rest of the conference.
- 5) We expect to have 14 presentation slots to fill in the Technical Track as follows:
 - a. Tuesday, Sept 10, AM – two (2) 30 minute slots

- b. Tuesday, Sept 10, PM – four (4) 40 minute slots
 - c. Thursday, Sept 12, AM – four (4) 40 minute slots
 - d. Thursday, Sept 12, PM – four (4) 40 minute slots
- 6) Leanne Whiteley-Lagace reviewed the status of our “Call for Abstracts”. In general, it was a success with the following abstracts being submitted for consideration:
- a. Mix Design Improvements at Toronto Pearson Airport
 - b. Gravel Runway Surface Maintenance and Environmental Impact
 - c. Keys to Meeting the Challenges of Runway Pavement Construction at Waterloo
 - d. Mitigation of Climate Change Impacts on the Runway Pavement Surface Friction at Kuujuaq
 - e. Halifax Runway Extension Project
 - f. Kelowna Runway 16-34 Rehabilitation Project
 - g. Creating an Anti-Icing Runway Surface
 - h. ASR Prevention and Remediation at Northwest Arkansas Regional Airport
 - i. Canadian Runway Roughness Analysis – Case Studies and Lessons Learned
 - j. Life Cycle Cost of Lithium Based Densifier to Retard Polishing and Friction loss due Snow Plowing
 - k. Safety Improvements at Canadian Airports
 - l. Incorporating Gigapixel Technology into Airport FOD and Pavement Monitoring
- 7) Several other presentation topics were received from the floor:
- a. Gravel runway inspections – Transport Canada Circulars
 - b. Pavement drainage – different types of systems, applications
 - c. Experience with warm mix asphalt on airfields
 - d. Asphalt Prime and Tack Coats – Best Practices
 - e. Airfield Concrete Pavement Specs - P501
 - f. Airfield Concrete Rehabilitation Strategies
 - g. FOD Detection
 - h. Pavement Condition Inspections
 - i. Life Cycle Cost Analysis of Airfield Pavements
 - j. Northern Airport Pavements
- 8) From these abstracts and suggested presentation topics, 14 primary topics were selected and tentatively slotted into the agenda as follows (*Speaker, if confirmed* or **Person responsible to source speaker**):

Tuesday, 10 September, A.M. (2 x 30min)

- 1. Airfield Concrete Rehabilitation Strategies – *Gary Mitchell*
- 2. Airfield Concrete Rehabilitation Strategies – *Gary Mitchell*

Tuesday, 10 September, P.M. (4 x 40 min)

1. Mitigation of Climate Change Impacts on the Runway Pavement Surface Friction at Kuujuaq – *Karolina Konarski, LVM*
2. Gravel Runway Inspections – **Gord Drysdale**
3. Life Cycle Cost of Lithium Based Densifier to Retard Polishing and Friction loss due Snow Plowing – *Doug Gransberg, Iowa State University*
4. Canadian Runway Roughness Analysis – Case Studies and Lessons Learned – *Chris Olidis, ARA*

Thursday, 12 September, A.M. (4 x 40 min)

1. ASR Prevention and Remediation at Northwest Arkansas Regional Airport – *Ernie Heymsfield, University of Arkansas*
2. Mix Design Improvements at Toronto Pearson Airport – *Kevin Chee, GTAA*
3. Pavement Drainage – **Graham Karlowsky**
4. Asphalt Prime and Tack Coats – **Sandy Brown**

Thursday, 12 September, P.M. (4 x 40 min)

1. Kelowna Runway 16-34 Rehabilitation Project – *Ken Fyvie, SNC Lavalin*
2. Halifax Runway Extension Project – *Richard Kohler, EBA*
3. Keys to Meeting the Challenges of Runway Pavement Construction at Waterloo – *Ludomir Uzarowski, Golder*
4. Safety Improvements at Canadian Airports – *Paul Walkington, Stantec*

9) Primary back-up presentations are as follows:

- a. Gravel Runway Surface Maintenance and Environmental Impact – *David Justus, Midwest Industrial Supply*
- b. Northern Airport Pavements – *Jean-Martin Croteau*
- c. Pavement Condition Inspections/FOD Detection – *Richard Fox-Ivey, Pavemetrics Systems, Inc.*

10) **Leanne Whiteley-Lagace** will send responses to anyone who submitted an abstract to advise whether or not their presentation was accepted and when it is tentatively slotted in the agenda. We only need to send out confirmations to abstract submissions by April 1.

11) **Leanne Whiteley-Lagace, Geoff Petzold, Chris Stewart, and Rico Fung** volunteered to moderate the four technical sessions. Session assignment to follow at a later date.

12) It was noted that in lieu of speaker gifts, SWIFT will again be making a donation on behalf of each speaker to a charity chosen by the Ottawa airport.

Other

13) There was some general discussion about our Annual General Meeting (AGM) including what should be on the agenda. It was decided that as a minimum, it should include

attendee introductions, a review of previous minutes, By-Law changes; elections, and project updates.

- 14) Some give-away ideas for the workshop were suggested including toques (black or charcoal), flashlights, tools, ruler/scale, and baseball caps. More discussion to follow later.
- 15) Since SWIFT is celebrating 35 years, there was some discussion as to if/when CAPTG could celebrate such an occasion (e.g. 10 year). **Myron Thiessen** and **Marla Hughesman** to investigate and confirm the dates when CAPTG first formed and when our workshop was first held.

Adjournment: **Marla Hughesman** adjourned the meeting at 1555.

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February 7, 2013

Attendees:

Name	Organization
Geoff Petzold	SNC Lavalin
Dick Stilwell	Government of Yukon
Todd Kruszewski	CAC
Chris Stewart	GTAA
Alice Krol	Transport Canada
Leanne Whiteley-Lagace	Stantec
Surinder Brar	PWGSC
Marla Hughesman	DND
Myron Thiessen	DND
Ray Clement	DND
Jared Mitchell	DND
Graham Karlowsky	PWGSC

Welcome:

- 16) **Marla Hughesman** opened the meeting @ 0835 by welcoming everyone to the meeting.

2013 Workshop

- 17) Since last year's workshop tour was so well received everyone agreed that we should try to organize something similar, but with the focus on the asphalt paving industry instead of concrete. **Sandy Brown** agreed to take the lead on this.
- 18) Workshop agenda would include a presentation session in the morning at the hotel and then tours/demonstrations for the remainder of the day.
- 19) Some options for the tours and demonstrations were discussed, including:
- Airfield asphalt paving demonstration/project tour – it was noted that this will be difficult because there is nothing planned at the host airport (Ottawa) this year. We could maybe arrange something on the road or highway side instead.
 - Crack sealant demonstration – CRAFCO may be willing to arrange this
 - Chip seal demonstration – applicable to smaller airports
 - Hot-mix asphalt plant tour – there is one about 15-20 minutes from downtown, another within 30 minutes
 - Quarry tour – to see crushing operations and aggregate production

- f. Asphalt cement plant tour – there is nothing in the Ottawa area. Vancouver has a supply facility (if we wanted to pursue next year) but there isn't necessarily a lot to see; just a tank farm and refinery.
- 20) After some discussion, the following tentative agenda was established:
- a. 0700 to 0800 – Registration & Breakfast
 - b. 0800 to 1000 – Presentation Session @ the hotel (3-4 presentations max)
 - c. 1000 to 1200 – Quarry tour
 - d. 1200 to 1300 – travel to asphalt hot-mix plant; boxed lunch on bus
 - e. 1300 to 1530 – plant tour, chip and/or crack seal demos
 - f. 1500 to 1700 – paving demo
- 21) It was noted that the quarry has different regulations – different health and safety issues – which may make arrangements difficult. A gravel pit might be a little easier.
- 22) Presentation session concept would be to give an overview of each of the operations or demos we will be seeing that day. For example:
- a. Quarry operations – aggregate production, stockpile management, crushing operations
 - b. Hot-mix plant operations – what you will see, how it works.
 - c. Crack sealing – best practices, materials, equipment
 - d. Chip sealing – best practices, materials, equipment
- 23) Rainy day options were discussed. The asphalt plant would likely still be operational so that should still work. Quarry tour would also still be a possibility. Demonstrations, however, would have to be cancelled. We could look to have some backup presentations if it should rain.
- 24) Waivers will definitely be required. If we can get same company to do both the quarry and plant tour, then we may only need one waiver.
- 25) Personal safety equipment may also be a required. Hardhats would be the biggest concern. **Sandy Brown** suggested that OHMPA may have some spare hard hats and safety vests that we could use and will check to see how many they have and whether it would be possible to use them. The plant and quarry may have some extra safety equipment as well.
- 26) We don't want to turn anyone away, but we should limit to two buses (80-90 people). Based on previous attendance, this should suffice.
- 27) Financial Details
- a. Support from industry is a possibility. **Sandy Brown** to follow up and advise.
 - b. Breakfast – a hot breakfast is preferred but overall cost will dictate. We expect food prices to be higher than last year.
 - c. Buses – 2 buses cost approx. \$1500 in Banff, but this will likely be lower in Ottawa.

- d. Lunch – budget \$15/meal.
- 28) Give-a-ways – if safety equipment is required for the tours, do we need to consider hardhats or safety vests? Main drawback is that they are good for the day, but may have little value beyond that.
- 29) Room set-up – it was agreed that the typical class room set-up is fine.
- 30) Everyone agreed that we'd like to have time for networking. Even though it doesn't fit well after the workshop, perhaps we could combine with the General Meeting.

Annual General Meeting

- 31) In order to attract more people to the meeting, the following suggestions were made:
 - a. Move the date of the meeting to the Tuesday or Thursday (during the technical track) or have it in conjunction with a "Networking Session".
 - b. Look into different location options including the Companion Program suite or off-site at a restaurant. Not sure if an "off-site" location will attract people or not.
 - c. Keep meeting short. Show the meeting as 1 hour on the agenda.
 - d. Announce AGM date and time at the workshop. Include details in the package given to everyone at registration. Maybe business cards?

Advertising

- 32) Various advertising options were discussed:
 - a. Magazine – seen to have little value for our group
 - b. Consider contacting/inviting airports that don't normally attend SWIFT or may not know about CAPTg. Focus should be on airports in the surrounding vicinity of the conference itself. **Leanne Whiteley-Lagace** volunteered to compile list of airports to contact.
- 33) We should amend our Workshop Evaluation form to include "How did you learn or hear about the workshop? (e.g. colleague, previous attendee, website, advertising, other, SWIFT)". **Myron Thiessen** to incorporate into the 2013 form.

Website Improvements

- 34) All General meeting minutes should be posted.
- 35) Is it possible to have the French translation of ASG documents? It was noted that when PWGSC took these over from Transport Canada, only the English versions were completed. **Alice Krol** agreed to send **Surinder Brar** all the latest French and English versions and Surinder will then check to see what would be required to translate them.

Other

- 36) It was suggested that we do a conference call after the February SWIFT meeting to see when to fit the AGM and networking hour in the conference. This would also give us an opportunity to try the web-conference option. The conference call was tentatively set for the week of 11-15 March.
- 37) There are some sponsorship opportunities still available for the SWIFT conference. A full list is on the SWIFT website.

Adjournment: Marla Hughesman adjourned the meeting at 1120.