

1:00 P.M. Thursday February 24<sup>th</sup>, 2022 - WEBEX

**Committee Attendance:**

Liz Bouchard (Chair)	Armtec	Byron Nelson (abs)	Leland
Roger Leger (abs)	Armtec	David Watson (abs)	Leland
Jason Sherwood (abs)	Atlantic	Ian Berry (abs)	Warner
Greg Wilkinson (abs)	Atlantic	Jim Evans (abs)	CC
Amanda Coutts (abs)	Hubb-Cap	Todd Gray	ACI
Bruce Matheson	Frontier	Mike Mounts (abs)	Valfilm
Chris Flickinger	Frontier	Mike Hook	MarMac
David Newbigging (abs)	AMD	Dianna Brooks	NCSPA
Kamran Derayeh	AMD	Ray Wilcock	CSPI
Derek Niezen (abs)	Ironside		

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**1. Welcome & Opening Remarks**

Liz opened the meeting and welcomed all members. Attendance was taken and is recorded above.

**2. Review Minutes of November 18<sup>th</sup>, 2021, and Approve**

Minutes were reviewed and accepted. A motion for approval was made by **Kamran Derayeh**, second by **Liz Bouchard**.

**3. Strategic PPC Action Items**

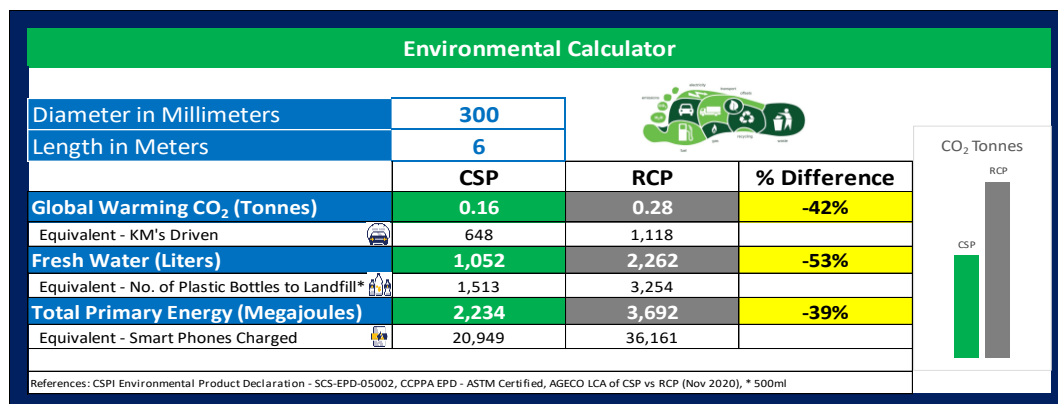
**a) DOT update**

- Alberta - accepted CSPI recommendation on section 18 "Minimum Invert Length of Sloped End Section". Members will be able to use the email from AT for clarification until the standard gets updated in 2025.
- NF/LB - Interested in Technical Bulletins on Fasteners (NZF3000) and Geomembranes over buried structures for project specifications. TB's will be posted to website in February.
- PEI – recommendations sent for section 1338 – Corrugated Metal Structures. Inclusion of polymer coated plate, NZF3000 bolts and a few edits on acceptable standards and installation.

**b) Municipalities – SWAT Team update – MITACS project**

- SWAT Team met on January 31st, new ideas:
  1. Put together an E-Blast for committee review – dispel CCPA media on Canadian content
  2. Focus on carbon footprint – AMD decarbonizing 60% by 2027, EAF, recycling, etc.
- Municipal Engineers Association of Ontario (MEA) – updated related standards to CSP (CSA, ASTM, etc.)
- ISL Engineering AB - discussed invert repair methods / full relines for Hwy 19 deep ravine culvert repair. Interested in polymer coated structural plate invert method.
- Storm sewer MITACs project - met with U of T and Memorial in January.
- In March will be targeting Ottawa, Barrie, etc. Put a slant on “*Federal Grant on Emission Reduction.*”

**c) Environmental Footprint / Calculator Promotion / discussion**



Discussion:

- Add a data label to the graph that shows the % difference
- Track the number of times downloaded from the website – reach out to Liz for help
- Send an updated version to all committee members

**d) Marketing ideas / Promotion discussion**

No discussion

**e) Review top 10 reasons – Why steel?**

No discussion

**f) “Steligence department” at AMD - Kamran**

- Project being considered for 2022 by AMD
- AMD would need drawings / complete project documents
- Members to consider applicable projects.
- To be tabled at the next TAC committee meeting
- More discussion required at the annual meeting in June

**5. Website Update – Status / Ideas**

- New photo contest form revamped and updated, complete with email confirmation
- Member section sign up facilitated for obtaining ID & PW. Notify all members in next E-Blast.
- Tagline updated – removal of “Just another WordPress site”
- T.B.’s to be updated before February month end
- French updates for photo contest, TB’s, etc.

Future:

- Change “Read More” to technical bulletins and make the pictures larger
- Ensure the photos reflect a safety environment
- French site to be completed
- Remove obsolete documents

**6. Projects for PPC**

**a) 2022 TAC – abstract submissions**

**3 abstracts submitted in January**

- Rehabilitation of Buried Bridges, Culverts & Storm Sewers
- Environmental Impact of the Steel Industry – Quest for Neutrality
- Buried Bridges, More Resilient & Sustainable

**Spring Meetings**

- |                        |   |
|------------------------|---|
| • Apr 6 <sup>th</sup>  | Road Safety Committee                     |
| • Apr 7 <sup>th</sup>  | Small Municipalities Integrated Committee |
| • Apr 11 <sup>th</sup> | Environmental Issues Committee            |
| • Apr 12 <sup>th</sup> | Environmental Legislation Committee       |
| • Apr 13 <sup>th</sup> | Climate Change Integrated Committee       |
| • Apr 14 <sup>th</sup> | Climate Change Council                    |
| • Apr 28 <sup>th</sup> | Structures Committee                      |

**b) Other Conferences – paper submissions**

<u>Conference</u>	<u>Date</u>	<u>Location</u>	<u>Abstract</u>	<u>Paper</u>
CEA AB (Not accepted)	Mar 2022	Red Deer AB	Storm Sewers Carbon Footprint Buried Bridges	
CEA CA	May 2022	Whistler BC	Rehabilitation Carbon Footprint Buried Bridges	Submitted Submitted Submitted
SMSB	Jul 2022	Toronto ON	Buried Bridges	Submitted

Look at all provincial associations for submission.

**c) Photo Contest – 2022 Program**

E-Blast will be sent in March and monthly thereafter to May 31<sup>st</sup>.

**d) Education Outreach – 2022 program**

Jan 19 <sup>th</sup>	Lakehead University, Thunder Bay ON	14
Jan 26 <sup>th</sup>	York University, Toronto ON	63
Feb 8 <sup>th</sup>	Niagara College, NF ON	25
YTD	3 Lectures	102

Next up:

Mar 10 <sup>th</sup>	RMC Kingston ON
Mar 23 <sup>rd</sup>	University of Saskatoon SK
Apr 4 <sup>th</sup>	University of Victoria BC
Apr 5 <sup>th</sup>	University of Guelph ON
May 20 <sup>th</sup>	University of Windsor ON

**e) E-Blasts – 2022 results / ideas**

<u>E-Blasts</u>	<u>External</u>	<u>Members</u>
Jan 19 <sup>th</sup> Storm Sewer Webinar	919	79
Feb 11 <sup>th</sup> Buried Bridges Webinar	771	93
Feb 22 <sup>nd</sup> CSP Industry – Canadian	1,296	65
Next CSPI Technical Bulletins		

Ideas for future E-Blasts:

- SWAT Municipal Team ideas – one page Polymer projects
- New technical Bulletin on joining systems
- Government fiscal responsibility as it relates to procurement
- Dispel myths about CSP
- Education on ring compression theory

- CSPI member commitment to reducing environmental footprint
- SWM – maintenance & cleaning, less trucks, social aspect

Discussion:

- Post Canadian E-Blast on social media
- PDAC Mining show in June 13-15 in Toronto – target mining projects

**f) French Translation of documents**

Photo Contest form in progress.

Following is a list of documents approved for translation:

Price per word		0.22	
TB#	Document	No of Words	Amount
#9	Beavers our natural storm water managers	1,560	343.20
#15	Diaphragms of anti-seep collars	638	140.36
#16	Animal Crossings	812	178.64
#17	Polymer Laminated CSP Guidelines	2,799	615.78
#18	CSP Certification Program	5,799	1,275.78
#19	SP Certification Program	5,654	1,243.88
#20	Cold weather construction guidelines	2,008	441.76
#23	Fasteners	912	200.64
#28	Structural Plate & Fasteners – storage	755	166.10
	Product Comparison reports to RCP	1,013	222.86
	Product Comparison reports to HDPE	1,223	269.06
	Product Comparison reports to PPE	827	181.94
	10 Reasons why CSP	433	95.26
	Summary of LCA Comparison	759	166.98
	AGECO Study CSP to RCP	23,954	5,269.88
	Total		10,812.12

**g) Education Webinars for external & members – update / discussion**

<u>Date</u>	<u>Webinar</u>	<u>External</u>	<u>Members</u>
Feb 2 <sup>nd</sup>	Spiral Rib Pipe – Storm Sewers	56	31
Feb 23 <sup>rd</sup>	Buried Bridges	94	55
Mar	TBD		
Apr	TBD		

Future Ideas include:

1. Use of CSP in trenchless applications
2. Designing for durability
3. Water testing / results / choice of coatings
4. Offer educational credits to those who attend and announce within the E-Blast.
5. Storm Water Management
6. Economics – comparison of steel to RCP (include environment)

**h) Social Media sub-committee update**

**Members**

Liz Bouchard	Armtec	Chris Flickinger	Frontier
Greg Wilkinson	Atlantic	Mike Williamson	Hubb-Cap
Ray Wilcock	CSPI		

- Met on Jan 6<sup>th</sup>
- CSPI issues on average 1 E-Blast per month
- LinkedIn, 4 posts per week, 367 followers, up 113 from November meeting
- Instagram, 105 followers, up 13 from November meeting

Discussion:

Future action:

- Promote carbon calculator
- “CSPI CSPI” LinkedIn site? Look at.
- YouTube channel – look at the CSPI site.
- LinkedIn – invite engineering groups / others / students – focus on LinkedIn which is where our followers are.

**i) Non-Member Activities**

Nothing to report.

## **6. NCSPA Update - Diana**

- Social Media classes completed – good feedback
- Planning on another series using Linked in to help generate sales
- Two new pages on sustainability and resiliency – nice resource
- Project of Year announced, and awards will be given at their annual meeting
- Using marketing \$ from Facebook to Linked In
- Targeted directly to one's email account (consultants, municipalities, etc.)

## **7. Discussion / New Business**

### **a) Sustainable Minds – promotion, webinars of the EPD – review proposal**

Committee agreed to not pursue, go with free website (Stan's recommendation).

### **b) Mike Hook – coupler testing with Lane in Eugene Oregon**

Testing in house with different couplers

3<sup>rd</sup> party testing on hold until MarMac has a coupler that will meet 10.8 psi test

## **8. Adjournment & next meeting at the call of the Chair or June 20<sup>th</sup> annual meeting in Victoria B.C.**

The meeting was adjourned at **2:30 pm** motioned by **Kamran Derayeh** and second by **Chris Flickinger**. Next meeting scheduled for end of April.

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Liz Bouchard  
Chair

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Ray Wilcock  
Executive Director