

11:00 A.M. to 12:30 P.M. EST, Friday, April 10th, 2026
WEBEX

Committee Attendance:

Pat Mayne (Chair)	Atlantic	Derek Niezen (abs)	Ironside
Terry Dunn	Atlantic	Byron Nelson (abs)	Leland
Oliver Kearns	Atlantic	Mike Green	Leland
Scott MacRae	Armtec	Mike Mounts	Valgroup
Graham Nickerson	Armtec	Todd Gray	ACI
Bruce Matheson (abs)	Frontier	Mitchell Swisher	Cleveland Cliffs
Mike Williamson	E.S. Hubbell	Richard Northcutt (abs)	MarMac
Cameron Hock (abs)	Island Culvert	P.C. Drouin(abs)	SDI
Kamran Derayah	AMD	Mike McGough	NCSPA
Sarodha Rajkumar	AMD	Ray Wilcock	CSPI
Jonathan Paton (abs)	Warner		

1. Welcome and Opening Remarks

Pat opened the meeting at 11:00 a.m. and welcomed everyone. Attendance was taken and is recorded above.

2. Review Minutes from November 4th, 2025, and Approve

Minutes were sent to all committee members and those in attendance. A motion for approval was made by **Mike Mounts**, second by **Terry Dunn** and was carried unanimously.

3. Project List Update

a) CSA G401-24 update

- Standard contains 87 updates – some errata, some new
- Key updates include:
 1. References
 2. Definitions
 3. Differentiate metric versus imperial
 4. Explanation of wet storage stain
 5. Polymer laminated field repairs
 6. New couplers
 7. Errata edits

Next steps:

- Public Review of Draft, Quality Review and Editing April 2026
- Committee Ballot and Ballot Disposition May 2026
- Production, Final Editing and English Publication July 2026
- French Translation and Publication September 2026

b) EPD's update

- AMD reviewed NA 2024 and determined there was an issue with recycling rates – republished and posted.
- 2024 results show a 3% decrease from 2018
- AMD XCARB results show a 33% decrease

Next step:

- Carbon calculator to be updated and include HDPE if an EPD can be found

c) MTO – OPSS for Structural Plate Package

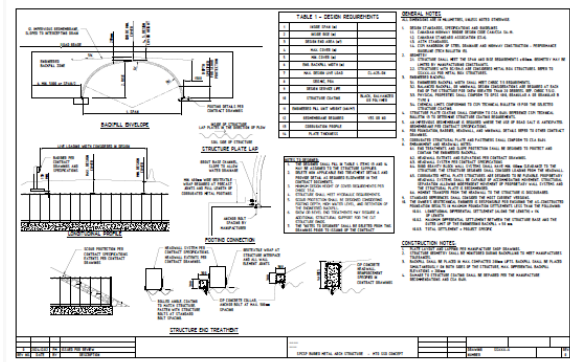
Specification on Buried Bridges, OPSS 960 – Construction, 1805 – Materials, 1863 – Geomembrane Liners

Will cover the following:

1. Design & Submission Requirements
2. Materials
3. Equipment
4. Construction
5. Quality Assurance
6. Direction to contract administrator and design consultants

Next steps:

1. Submitted comments on OPSS 960, 1805, and 1863 in March.
2. On track to publish the specs in April 2026 (usually goes live in May).
3. Designers can make use of them for anything that tenders later in 2026.
4. Still in progress, Standard Drawings, and height of cover tables for structural plate and deep corrugated plate structures (SSD and OPSD).



d) MTQ Standards update

- October 7th in Quebec City – met with 3 ministry personnel and 5 members attended.
- We discussed the responsibilities for the geotechnical consultant, structural engineer, manufacturer, & contractor to clear up foundation design confusion.
- The ministry is open to receiving some examples covering the roles within bridge projects. (AIL & Armtec to obtain). Outstanding
- Sent Ministry information on the direction of HOC. Table pending completion.

e) AT Standards update

Next Meeting: Wednesday April 22nd in Edmonton
Move forward on discussing standard bridge package.

f) DOT updates

MTO Thunder Bay:

- Met on March 6th with 10 ministry people.
- Interested in a ½ day seminar on structural design, installation, construction, inspection, maintenance, rehabilitation, durability, and sustainability.

BCMOT

- Met on March 13th with 5 ministry personnel and 3 members in attendance.
- Interested in the MTO OPSS initiative and would like a webinar on rehabilitation.

Saskatchewan

- Met on March 24th with 16 ministry personnel and 2 members in attendance.
- Interested in the ½ day seminar.
- There was a great deal of discussion and number of questions to be followed up on

Manitoba

- Met on the March 25th with 10 ministry personnel and 3 members in attendance.
- Interested in the ½ day seminar.

g) Handbook update

- Work underway on design / HOC / standard references / compaction tables / culvert location / rehabilitation
- Plan is to keep HOC to ASTM <3M, CHBDC >3M
- HOC's pending – Scott will reach out with date to meet and finalize.
- Future discussion to take place at the next meeting in June.
- Terry mentioned that Steve MacKinnon is available if required to help.

4. Member / Ongoing Items update

a) AMD – T.B. on wild / forest fires deferred to summer

Discussion:

Centered on water storage tanks in development areas where TUBAO in France have had great success. An issue brought up concerned the water tightness of the tanks and susceptibility to leaking.

Action Item:

Reach out to TUBAO for more information for discussion at the June meeting.

b) Cleveland Cliffs

Mitchell – nothing to report.

c) Valgroup

Mike – Rangelma Oliveira has assumed the sales responsibility for Valgroup's adhesive films in North America, which includes TRENCHCOAT film. Rangelma is from Brazil. She is planning to attend the CSPI fall meeting in Waterloo in November.

d) Leland

Updates to CSA G401-24:

1. Section 4.5.2.1, 4.5.2.2 - Replace SAE J429 Grade 2 with ASTM A307 Grade A.
2. Replace ASTM F1941 Designation Fe/Zn 5 Type AN with ASTM F1941 Fe/Zn 3 Type A or Type AN.
3. Add the sentence; Optional grades of higher strength fasteners and thicker coatings may be agreed upon between the purchaser and the fastener supplier.

Mike explained that SAE is an automotive spec and will put together a table for comparison.

Scott suggested we change the “purchaser” in point 3 to “manufacturer”. Look at alternative coatings clause in CSA to ensure what is acceptable. Run by Scott & Pat for review.

Table Comparison prepared by Mike:

SAE J429 Grade 2	ASTM A307 Grade A
Follows Automotive Standards	Follows Industrial Standards
Manufacturer's ID required on head	Manufacturer's ID and 307A required
74 KSI minimum tensile strength	60 KSI minimum tensile strength
Rockwell Hardness Min B80 / Max B100	Rockwell Hardness Min B69 / Max B100
Low / Medium Carbon Steel	Low / Medium Carbon Steel
No reference to preferred coatings	Lists preferred zinc coatings

e) Warner

Jonathan - not in attendance.

f) Ironside

Derek – not in attendance.

g) ACI - alternate products to RanVar

Todd – no update.

h) MarMac

Richard – not in attendance.

i) Steel Dynamics

P.C. – not in attendance.

5. Other Associations - Updates

a) NCSA update – Mike McGough

1. Design Manual is in final stages of completion – 120 updates including seismic in design, tracked vehicles and expect to be live by year end.
2. EPD – final stages of review and results should be released this summer.
3. AGM is scheduled weekend of April 18th – 19th.

b) ASTM update – Mike McGough

1. Spring meetings May 2026 in Dallas Texas.
2. Fall meetings November 1st – 3rd in Jacksonville Florida.
3. AO5 Main – 2 ballots covering coatings.
4. AO5-17 CSP Committee – Mike is new chair taking over from Phil Perry who has retired.

c) TAC update / 2026 Spring Meetings & October Conference in Winnipeg

Spring Meetings (virtual)

- Apr 8th Climate Change Integrated Committee
- Apr 13th Environmental Issues Committee
- Apr 14th Structures Committee
- Apr 15th Environmental Legislation Committee

Conference

- Abstract on "Buried Bridges" accepted. Paper due April 30th.

d) **AASHTO / TRB / AREMA / AISI**

AASHTO	Working through seismic design. State of California working on their own for seismic - no information to report
TRB	Working on funding issues as numerous committees are being combined creating much diversity and unknown direction.
AREMA	Nothing to report.
AISI	Next meeting in June. Mikes works with the Short Span Steel Bridge Alliance (SSBA).

6. Discussion / Old / New Business

a) **Polymer repair Technical Bulletin updates**

To be finalized this summer.

b) **Bolt issue identified in Newfoundland and Labrador with salt seepage. Report to be prepared.**

To be finalized this summer.

c) **Technical Bulletin #13, Performance Guideline for Buried Steel Structures – reference to AASHTO electrochemical tests to previous version. Update pending.**

Pat looking after the update with regards to CHBDC.

d) **Online Tool – CSP configurator**

To be reviewed this summer.

e) **Rerolled ends for Aluminized Type II – cracking – why? then must paint. Continue discussion from last meeting.**

Started discussions with DOT's – Only NL does not require rerolled ends. Will follow up with committee in June.

f) **Technical bulletin for safe handling, stacking, bundling of CSP.**

Will be reviewed and written this summer. Include Richard Flemming (AIL) with this initiative.

New Business

a) Updates other Associations

Consulting Engineers Association AB – March 8th – 10th

Presented on the 9th – Sustainability of CSP

Canadian Society for Civil Engineering – Quebec City June 3rd – 5th

3 abstracts & papers accepted for their 2026 conference

Buried Bridges, Rehabilitation, & Sustainability

Ontario Good Roads Association - Toronto March 29th – April 1st

Submitted 4 abstracts – none accepted

SMSB (Short Medium Span Bridge) Vancouver August 4th -7th

3 abstracts accepted for their 2026 conference

3 papers submitted – currently being reviewed

7. Adjourn & Next Meeting on June 15th at the AGM in Kelowna BC

The meeting was adjourned at **12:18 pm** motioned by **Mike Williamson** and second by **Terry Dunn** and was carried unanimously.

Pat Mayne
Chair

Ray Wilcock
Executive Director