

ACEC/NCDOT
STRUCTURES SUBCOMMITTEE

Structures Conference Room C
August 3rd, 2026, 10:30 AM

MEETING AGENDA

1) Attendees

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|--------------------|---|
| a) David Snoke | f) Tony Laws – RS&H |
| b) Gichuru Muchane | g) Joshua Gentry – RK&K |
| c) Trey Carroll | h) Greg Cols - AECOM |
| d) David Stutts | i) David Ragan – H&H |
| e) Jeremy McCartha | j) David Hawkins – HNTB |
| | k) Bryan Loflin – Modejeski and Masters |

2) Meeting Kick-off

- a) Previously approved minutes were published and available on ACEC website
- b) Subcommittee Updates
 - i) Tony and Josh will assume roles as committee co-chair (final year on the sub-committee).
 - ii) Welcome New Members
 - David Hawkins (HNTB)
 - Bryan Loflin (Modjeski and Masters)
 - iii) Changes within SMU: Hoang Dieu has moved to PMU.

3) Bridge Design Workshop Series

- a) Review Bridge Design Workshop tracking spreadsheet
 - i) Bridge Rehabilitation topic was held on July 21st at the Rural Center.
 - The event was well attended, and bridge rehabilitation generated strong interest. The Rural Center was viewed as good venue. Agreed to continue rehabilitation as a future topic, but recommended waiting about 12 months and incorporating new presenters. Suggested topics include scour remediation, pile jacketing, structural strengthening, cathodic protection, corrosion mitigation, and bridge rehabilitation case studies. Consider project examples, such as Albemarle Sound and Pirates Cove.
- b) Update current potential topics and add new potential topics
 - i) Desire for an NCDOT presentation on Design Assumption for Standard Plans is still strong. Recommended to wait 6 months, as some standards are currently under review for changes to AASHTO LRFD.
- c) Identify next workshop to schedule
 - i) Feasibility for a Fall Workshop?

- Decided to target Strut and Tie Research for 10/21 at Rural Center.
 - ii) Discuss potential candidates for next topics
 - Strut and Tie Research Presentation (Dr. Georgio Prestos)
 - Alligator River Bridge Replacement (Spring/Summer 2026, to allow for additional construction to be completed)
 - NCDOT - Standard Bridge Plans
 - Timber Bridge Plans
 - Potential to looking into Helene Driveway Bridges
 - Bridge Rehabilitation
- 4) **Training/Professional Development Opportunities**
- a) PCI Bridge Seminar: Advances in Prestressed Concrete Bridge Design was held May 5th at the McKimmon Center.
 - b) NCLUG Summer Conference 8/18-8/20:
 - i) Dedicated Open Bridge Sessions being held
 - c) ACEC/NCDOT Joint Conference 9/21-9/22
 - d) Other opportunities:
 - i) Paul Zia Lecture 10/5 (Topic - Naval Base Pier Seattle, WA)
- 5) **Anticipated PEF Opportunities**
- a) Updates from SMU
 - i) Selections for 2026 LSC's anticipated internal NCDOT meeting 8/4. Results to follow within a month.
 - b) Other opportunities
 - i) Continuing to work with PMU on assignments for replacement and preservation projects.
- 6) **Technical Topics**
- a) Recent revisions to manuals, standards, etc.
 - SMU OpenBridge Designer Manual update for use with OpenBridge v2024 and the new NCDOT Unified Workspace issued 4/16/26.
 - b) Upcoming revisions to manuals, standards, etc.
 - i) Finalize timber bridge survey questions
 - Questions were pushed to the industry and got a few responses. Will ask ACEC to push the link to the survey once more then close it.
 - ii) Rebar Sampling note will change to reference M&T Policy
 - iii) AASHTO LRFD Revised Splice length requirements. NCDOT manual splices are being updated to be consistent with AASHTO. Table of splice lengths will also be updated.
 - c) Digital Delivery, OBD/Open X, and ProjectWise implementation
 - i) OBD Pilot Projects have been established and are being worked on.

- ii) All consultants should ensure all your files at the end of a project (DGNs and Calc packages) are uploaded to ProjectWise and in the correct locations – this will start being verified by SMU.
- iii) For CAD files, ensure use of correct elements, levels, fonts, etc.
- iv) A hard date may be established soon to transition fully to OBM.
- v) If working on NCDOT PW – file fidelity, access may need to be mitigated. There have been issues of file access and changes.
- vi) Not giving time/supplements to update files from V8 to OBM [Link to memo.](#)
- vii) ATLAS is intended to standardize this process
- d) Research project updates
 - i) Starting new cycle of projects. NCDOT recently met to make recommendations for new research.
 - ii) Wrapping up is corrosion of steel piles – no updates.
- 7) **Open Discussion/Other Topics**
 - a) Non-standard Bridge Barriers
 - i) If asked to modify an existing bridge barrier or modify any standards, reach out to SMU. Not one size fits all scenario. Decisions to be made based on ADT/Design Speed, Etc.
- 8) **Next Subcommittee Meeting:**
 - a) November 1st, 2026