

ACEC/NCDOT
STRUCTURES SUBCOMMITTEE

McKimmon Conference Room

May 12, 2025, 1:30 PM

MEETING MINUTES

1) Attendees

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|-------------------------------|---------------------------|
| a) David Snoke | f) Liz Lawes - WSP |
| b) Gichuru Muchane | g) Greg Cols - AECOM |
| c) Trey Carroll | h) Jeff Loftus – McAdams |
| d) David Stutts | i) Emily Murray - Volkert |
| e) Hoang Dieu | j) Tony Laws – RS&H |
| | k) Joshua Gentry – RK&K |

2) Meeting Kick-off

- a) Previously approved minutes were published and available on ACEC website
- b) May 12th meeting last meeting for Liz, Greg's TBD. Emily and Jeff to take over as chair/co-chair starting in June

3) Bridge Design Workshop Series

- a) Review Bridge Design Workshop tracking spreadsheet
 - i) Held the CMGC Presentation on March 6th
 - ii) May 12, 2025 for the Corrosion Policy Refresher Updates
 - iii) Committee discussed holding a workshop with a virtual option.
There is concern that it would decrease in-person local attendance.
 - iv) Committee discussed exploring options to hold a workshop in Charlotte or Greensboro to make it easier for Charlotte and western NC members to attend.
 - v) Committee discussed that standard plan designs might be a topic well suited to a fully virtual workshop.
- b) Identify next workshops to schedule
 - i) September 2025 – Helene Updates, possibly combined with Timber Bridge Program.
 - ii) November 2025 – potential for Bridge Rehabilitation and Repair topic.
 - iii) January/February 2026 – potential for Alligator River Bridge Replacement

4) Training/Professional Development Opportunities

- a) Steel Bridge Forum - February 27, 2025 @ McKimmon
 - i) Alternating PCI and Steel every year (Spring 2026 will be PCI Bridge

- Forum)
- b) Other training opportunities
 - i) ACEC Junior Board Social – May 14th
 - ii) WTS Go Gala – May 15th
 - iii) NCSU Peer Exchange on Sustainable Eco-Resilient bridges – August 4-5, 2025. Link: [Constructed Facilities Laboratory](#)
 - iv) NCLUG – August 19, 2025 Summer Conference. Will be reviewing putting together General Drawings; a digital delivery contractor will present on 3D Cored Slabs and how to do Slope Protection. Encouraged to have PEF participate in a panel. Looking for input on OBD Versions
 - v) Paul Zia Lecture – Harkers Island Bridge September 29, 2025
- 5) **Anticipated PEF Opportunities**
- a) Updates from SMU.
 - b) The bridge program is overprogrammed, re-prioritization is underway. There are about 90 projects that are being delayed. Current projects have all been assigned with no anticipated new projects being assigned in the near future. SMU on-call will be extended by 1 year and will re-advertise in 2026. The Structures LSC is anticipated to still include qualifications for the Bridge Program work (full-service) even though the projects will be managed by PMU.
- 6) **Technical Topics**
- a) Recent revisions to manuals, standards, etc.
 - b) Upcoming revisions to manuals, standards, etc.
 - i) Policy positions have been filled and they're working to clean up manuals. Items are still being reviewed, DOT not sure when official updates will be pushed out.
 - c) Digital Delivery, OBD/Open X, and ProjectWise implementation
 - i) An OBD manual is awaiting release from SMU, no other updates at this time. The draft manual last updated in Nov. 2024 is available on the SMU Manuals page.
 - d) Research project updates
 - e) Prestressed girders, NCDOT preferred method for elastic gains
 - i) Last meeting had discussed with DOT and they were going to coordinate internally to see if they wanted to make any updates to the manual/guidance. Until any guidance comes out, Consultants to state design methodology in LRFR sheet.
 - f) OBD 2023 bug in column design module Area steel provided. Committee member to send question to Bentley.
- 7) **Open Discussion/Other Topics**
- a) Approvals of bridge inspection reports.
 - i) NCDOT is asking Consultants to review their own reports (QA

reviews). PEFs asked for guidance and also about the change in scope. This will be discussed internally at DOT.

- b) Helene bridge replacement group update – a new batch of EEDBs will be released soon.
- c) Cape Fear Memorial Bridge Grant – no update

8) **Next Subcommittee Meeting:**

- a) August 2025 – Emily/Jeff to schedule the next 4 quarterly meetings and coordinate with new PEFs rolling onto the subcommittee.