

ACEC/NCDOT
STRUCTURES SUBCOMMITTEE

Structures Conference Room C
May 4, 2026, 10:30 AM

MEETING AGENDA

1) **Attendees**

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

2) **Meeting Kick-off**

- a) Previously approved minutes were published and available on ACEC website
- b) Subcommittee Updates
 - i) Final meeting for Emily Murray and Jeff Loftus.
 - ii) Tony and Josh will assume roles as committee chair/co-chair. Tony will serve as main point of contact for ACEC/Transportation Committee.
 - iii) New PEF committee member applications will be reviewed and voted on soon. The selection of 2 new members, whose terms will end in 2029, will take place before the next scheduled meeting. Emily will send these along with any instructions as soon as they are provided.

3) **Bridge Design Workshop Series**

- a) Review Bridge Design Workshop tracking spreadsheet
 - i) Bridge Rehabilitation topic was held on April 14th.
- b) Update current potential topics and add new potential topics
 - i) Bridge Rehab workshop had great turnout. Possibility for Tim Sherrill to do a follow-up for other non-deck related structure members in the future.
- c) Identify next workshop to schedule
 - i) Feasibility for a Summer Workshop in July? The group felt that mid to late July is suitable.
 - ii) Discuss potential candidates for next topics
 - NCDOT presentation on Standard Plans (Cored Slab/Box Beam Assumptions) - July 2026, Emily to contact Jessica about spaces including the Rural Center
 - NCDOT Bridge Preservation Part 2 - Virtual presentation this summer at Tim Sherrill's convenience. Emily to reach

out to Tim for a date and coordinate with Jessica on virtual meeting and PDHs and hand off to the incoming sub-committee co-chairs.

- Alligator River Bridge Replacement (Fall 2026/Early 2027)
- Strut and Tie Research Presentation (Fall 2026/Early 2027 Dr. Georgio Prestos)
- Mechanically Fastened FRP for girder retrofits (Dr. Seracino is willing to present – consider Spring 2027 or sooner if needed)

4) **Training/Professional Development Opportunities**

- a) PCI Bridge Seminar: Advances in Prestressed Concrete Bridge Design is being held tomorrow May 5th at the McKimmon Center.
- b) NCLUG Summer Conference August 18th -20st
- c) 2026 AASHTO Committee on Bridges & Structures June 28th – July 2nd
- d) Other opportunities
 - i) WTS Go Gala – May 14th
 - ii) ACEC Junior Board Sponsors Gala – June 4th

5) **Anticipated PEF Opportunities**

- a) Updates from SMU – SMU is targeting June 1st for the advertisement. It will be very similar to the 2023 RFLOI with the same work areas. It will include bridge replacement planning and design.
- b) Other opportunities –
 - i) SMU is actively engaging/utilizing firms for GESC reviews
 - ii) There was discussion around the topic of Asbestos Assessment and including that item in the preconstruction process so that the contract item could be for abatement if needed. SMU is considering the best way to accomplish this either with project development, as part of pre-screening, and/or bundled as a contract.

6) **Technical Topics**

- a) Recent revisions to manuals, standards, etc.
 - i) SMU OpenBridge Designer Manual update for use with OpenBridge v2024 and the new NCDOT Unified Workspace issued 4/16/26. The workspace zip file is available on the CADD Services website.
- b) Upcoming revisions to manuals, standards, etc.
 - i) Timber bridge survey questions were finalized and will be submitted along with the meeting minutes to ACEC with a two-week response window following the May Transportation Committee meeting. [Timber Bridge Survey](#) Emily will ask ACEC to provide a reminder ahead of the closing date.
 - There is a new special provision pertaining to timber bridges on the contract standards site. - SP10 R082 Timber and Lumber

- ii) A revision is forthcoming to the raking note on the prestressed girder standards. The revision will eliminate raking at the center of the girder to facilitate consistent construction elevation measurements.
- c) Digital Delivery, OBD/Open X, and ProjectWise implementation – no updates.
- d) Research project updates
 - i) No update on the rail car research project at this time.
 - ii) The committee discussed Florida I-Beam cambers as a possible research topic of interest. This is a likely research topic, and it will be explored further, and data will be compiled on projects with issues. SMU will reach out to M&T for data and may ask firms for information on projects with FIB camber issues.

7) **Open Discussion/Other Topics**

David Stutts asked that we coordinate with SMU (early) on projects with excessive MUPs, sidewalks, or bike lanes being required by IMD. Sometimes they are being called for where not warranted or there is redundancy in MUP and bicycle lanes, etc. Firms can coordinate with him directly.

8) **Next Subcommittee Meeting:**

- a) August 3rd, 2026
- b) Tony/Josh to schedule meeting and coordinate with new PEF's integration into the committee.