

# ACEC/NCDOT BRIDGE SUBCOMMITTEE



Teams Digital Teleconference  
August 3, 2020  
10:30 am

## MEETING MINUTES

- 1) Meeting Kick-off – Called to order @ 10:37 am

### ATTENDEES

Brian Hanks – NCDOT Structures Management Unit (not present)  
David Stutts – NCDOT Structures Management Unit  
Kevin Fischer – NCDOT Structures Management Unit  
Tierre Peterson – NCDOT Structures Management Unit  
Hoang Dieu – NCDOT Structures Management Unit  
Gichuru Muchane – NCDOT Structures Management Unit  
Jennifer McRoy – WRA  
Sam Al-Jamal – ICE  
Jason Doughty – Modjeski & Masters (not present)  
Jake Sherman – WSP  
Nicole Brown – Alfred Benesch & Co. (not present)  
Bradley Bell – Michael Baker

- 2) Introduction of new members
  - a) Nicole Brown, Alfred Benesch & Company
  - b) Bradley Bell, Michael Baker
- 3) Review of Previous Meeting Minutes
  - a) Minutes approved by Kevin Fischer and second by Sam Al-Jamal.
- 4) Bridge Design Workshop Series
  - a) Jason Doughty is working on NC 24/27 Design Construction project bridge forum. Nicole Brown worked on this project (modeling and design) while with AECOM and is willing to assist with development.
  - b) Rodanthe Bridge presentation will be completed by the end of August. Will be ready to be presented the first week of September as either a prerecorded presentation followed by live Q&A or in a lunch and learn format with a live Q & A. The presentation will also be presented at IBC in October. Jennie McRoy will work with Sam Al-Jamal and ACEC to set

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- up meeting platform and coordinate registration through ACEC website. Will contact Kevin with possible dates prior to setting up registration.
- c) It is unknown if the ACEC/NCDOT transportation conference will be scheduled for this year. A completely virtual option may be possible, however there are difficulties in coordination of a platform. A scaled down version may be an option. If no conference, then possibly more bridge design workshops could be planned for the end of the year.
- 5) Training Opportunities (Virtual)
- a) Prestressed Concrete Bridge Design Seminar: Will likely need to be virtual. Gichuru stated that at the last PCI meeting it was mentioned that the seminar could be pushed out to 2021. This schedule change would result in the Steel Bridge Forum being pushed out to 2022. ACEC should follow up with NSBA and/or PCI for an update on dates.
- b) Steel Bridge Forum: Possibly move date to 2022 depending on PCI's decision on Prestressed Concrete seminar. NSBA is requesting input on subject topics that we consider important, as they would like to cater the forum topics to the local needs. Jason has proposed several topics. Submit or email any topics that you think should be included to Jason. Trey Carroll has not heard anything from NSBA. Jason will follow up with ACEC and NSBA.
- 6) Anticipated PEF Opportunities
- a) Advertisement for SMU LSC ended July 30, 2020. There is no set date for announcement of selected firms, but SMU is anticipating reviewing LOIs next month and selection will be determined in the next 60 days.
- b) 80 % of projects are still on hold. SMU is trying to prioritize projects to put on "Move Forward" list from Technical Services.
- c) Kevin Fischer has been working on the five-year program for bridge replacements over the last month or two. Even though the department has moved over the cash floor again, they are still cautious, but are getting a better idea of funding for 2021. 150 schedule changes were made last month with many projects moved around. Divisions going through same process with their funding. After things are organized, firms will have a better idea of the status of their current projects on hold.

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7) Technical Discussion:

a) Manual Revisions:

- i. Still working on link slab information. No updates.
- ii. Gichuru noted that Section 6.2.2.9 – Construction Elevations had been revised. He added that article 5.5.4.3 – Stability of the LRFD Bridge Design Specifications states “Buckling and stability of precast members during handling, transportation, and erection shall be investigated.” PCI has published a spreadsheet for this investigation and SMU is working on a policy to implement the girder stability investigation.

b) Research Projects:

- i. Still working on Corrosion Policy Research. Will be used in manual revisions for corrosion mitigation policies.
- ii. Researchers looking at integral abutments and how well they are working. Will guide any revisions made in the manual for integral abutments.
- iii. Research completed for 2-bar metal rails. They will be designated a TL-3 rail. Waiting for a letter of approval from FHWA.

8) Next Meeting: November 2, 2020