

ACEC/NCDOT BRIDGE SUBCOMMITTEE



Teams Digital Teleconference
November 2, 2020
10:30 am

MEETING MINUTES

- 1) Meeting Kick-off – Came to order @ 10:34 am

ATTENDEES

Brian Hanks – NCDOT Structures Management Unit
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
Jake Sherman – WSP
Nicole Brown – Alfred Benesch
Bradley Bell – Michael Baker (not present)

- 2) Review of Previous Meeting Minutes
 - a) Minutes approved by Kevin Fischer and second by Sam Al-Jamal.
- 3) Bridge Design Workshop Series
 - a) State law effective June 2020 states that any digital recordings that are paid for and provided by ACEC to be watched again are subject to county and state tax. ACEC does not have the ability to collect and report tax at this time. Therefore, if the presenters want to share their slide show, ACEC can post it on their website, but they can't share the digital recording with attendees until further notice.
 - b) The Jug Handle Bridge Workshop (Bridging the Treacherous S-curves along NC-12 near Rodanthe) is scheduled for November 18, 2020 from 12:00-1:00 as a Teams presentation. As of Friday, 10/30/2020, 41 attendees. The presentation has been recorded for IBC. Presenters are still deciding if the presentation will be recorded with live Q & A after or a live presentation and Q&A. Presentation will be about 50 minutes.

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- c) The Lake Tillery Bridges Rehabilitation Project is scheduled for December 8th, 2020 from 12:00-1:00 through Teams. As of Friday, 10/30/2020, 34 attendees. Planning for a live Teams presentation. Each person will have his own slides and share screen. Open Q&A afterward. Most likely will share slide show through ACEC.
 - d) Aaron Earwood presented on constructability at 2020 ACEC/NCDOT Transportation Conference. He will be performing it again at a future date for NCDOT and sharing it to consultants.
- 4) Training Opportunities (Virtual)
- a) Prestressed Concrete Bridge Design Seminar. Due to Covid and in consult with NCDOT, PCI has agreed to postpone to the Fall of 2021.
 - b) Steel Bridge Forum. Trey indicated that Steel Bridge Forum would be in 2022 following PCI in Fall 2021.
- 5) Anticipated PEF Opportunities
- a) LSC agreement completed for 2020 with 2-year contracts. 51 firms selected for different categories.
 - b) Future opportunities show budget as limited. Currently working with "move forward" list. Many projects are currently on 12 month let list. Not a lot of new work anticipated other than work already selected. Will be continuing to assign more projects as available.
 - c) Kevin stated that Structures Management has asked the Divisions to finalize a 5-year plan. Divisions just recently restarted many projects for 2021. Still working on ROW and utility projects getting started. Next up is projects for 2022.
- 6) Technical Discussion:
- a) Manual Revisions: Memo issued Sept. 30. Two main revisions in memo.
 1. Requirement to show maximum theoretical buildup for SIP forms.
 2. Revised guidance for reporting camber and dead load deflections to match construction elevations at the bottom of slab points. Gichuru added that the updated spreadsheet for calculating cambers at

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20th and 40th points for prestressed concrete members should be available soon.

3. Jake asked if there would be changes to the pouring sequence for constructability. Gichuru stated that a revision for pouring sequence changes is not needed. However, the designer should specify pour sequence on plans with consideration of the construction issues discussed during the ACEC/NC Transportation Conference. Brian stated that NCDOT would push for coordination with construction during PGD review.
 4. Link slab guidance is in progress, but not finalized yet.
 5. FIB standards development is in progress, but not finalized yet.
 6. Kevin mentioned that it's best to check on the website for the policy memos. They will be available there after the notification email is sent out.
- b) Research Projects:
1. Still waiting for research letter from FHWA, but 2-bar metal rail is a TL-3 rail. Asked UNC Charlotte to evaluate the Alaska Rail for TL-4 and the Classic and 3-bar metal rail for TL-2. Requested extension for this research due to Covid setbacks.
 2. Corrosion Policy Research still ongoing. Going to additional sites in Wilmington and Morehead City area.
 3. Still searching for another candidate bridge to monitor for integral abutment research. Time extension requested due to Covid setbacks.

7) Next Meeting: February 1, 2020