

MINUTES OF AGC-DOT JOINT BRIDGE SUBCOMMITTEE MEETING
(Approved: April 11, 2018)

The AGC-DOT Joint Bridge Subcommittee met on February 14, 2018. Those in attendance were:

Brian Hanks	State Structures Engineer (Co-Chairman)
Berry Jenkins	Carolinas AGC – Highway Division Director (Co-Chairman)
Gichuru Muchane	Assistant State Structures Engineer
Chris Britton	Buckeye Bridge
Adam Holcomb	Dane Construction, Inc.
Aaron Bogner	Dragados USA
David Yates	Fred Smith Company
Tom Meador	Lane Construction, Corp.
Randall Gattis	Sanford Contractors, Inc.
Jorge Gambini	Thalle Construction Company
Larry Cagle	Thompson-Arthur Div., APAC-Atlantic, Inc.
Damien Hollifield	Young & McQueen Grading Company
Cameron Cochran	Construction Unit – Regional Bridge Construction Engineer
Aaron Earwood	Construction Unit – Regional Bridge Construction Engineer
Tom Santee	Geotechnical Unit – Regional Operations Engineer
Scott Hidden	Geotechnical Unit – Support Services Supervisor
Cabell Garbee	Material & Tests Unit – Field Operations Engineer
James Bolden	Structures Management Unit – Project Engineer
Dan Muller	Structures Management Unit – Project Engineer
David Snoke	Structures Management Unit – Project Engineer
Trey Carroll	Structures Management Unit – Team Leader

1. Approval of Minutes

The minutes of the October 11th, 2017 meeting were reviewed and approved.

2. Revised Express Design Build Contract Language for Roadway Widening

Mr. Earwood informed the subcommittee of contract language being added to Express Design Build contracts requiring a supplemental agreement to compensate Contractors for additional roadway work when the bridge width is increased more than 3 feet. He noted that if the bridge width is increased 3 feet or less there will be no payment for any additional roadway work. Mr. Earwood added that Contractors should expect to see the revised language in upcoming Express Design Build contracts.

Action Item:
None

3. Reminder New Jacking Requirements

Mr. Earwood reminded Contractors of the new requirements for post-tensioning cored slab and box beam bridges using double action jacks that went into effect with the 2018 Standard Specifications. Contractors were initially informed of these requirements in the subcommittee's February 2017 meeting. Mr. Earwood also inquired if Contractors were having issues with finding jack suppliers. Several Contractors indicated it was difficult to locate a local supplier, and they agreed to share supplier contact information with one another.

Action Item:

None

4. Follow-up Pile Driving Equipment Setup Pay Item

Mr. Earwood discussed the pay item for Pile Driving Equipment Setup which was first introduced in the subcommittee's December, 2016 meeting and further discussed in the February, 2017 meeting. Mr. Earwood inquired from subcommittee members if anyone had questions or concerns with the pay item for Pile Driving Equipment Setup. Contractors had no questions or concerns.

Action Item:

None

5. Jack/Gauge Calibration

Mr. Earwood discussed an instance of a Contractor submitting only the gauge for calibration and did not include the jack assembly. Mr. Earwood requested Contractors submit both the jack assembly and gauge for proper calibration of the unit.

Action Item:

None

6. Angled Rebar Support for Slip Formed Barrier Wall

Mr. Earwood discussed the use of diagonal rebar bracing in slipped-formed barrier rails. The bracing is used to prevent the barrier rail rebar cage from racking and shifting during slip-forming operations. Mr. Earwood noted rebar used for bracing shall be epoxy coated.

Action Item:

None

7. Permits and Moratoriums

Mr. Cochran discussed concerns with idle project sites when a moratorium extension is granted to allow specific work to be completed within the same season. Mr. Cochran stated permitting agencies have been accommodating, but are becoming reluctant to grant extensions and noted that Contractors should be performing the work when extensions are requested and granted.

Action Item:

None

8. Contract Times

Mr. Cagle discussed inconsistency with contract times and schedules for projects let through the Division offices and inquired if there is an opportunity to provide greater consistency throughout the Department.

Action Item:

Structures Management Unit will request a representative from the Contract Standards and Development Unit attend the next subcommittee meeting to discuss contract schedules.

9. Expansion Joint Seal Hold-Down Plate Pickup Detail

Mr. Cochran requested a status update from Structures Management Unit concerning detailing lifting holes in hold-down plates for Expansion Joint Seals. Mr. Carroll stated the revised Standard Drawings are being finalized.

Action Item:

Structures Management Unit will release revised Expansion Joint Seal Standards providing lifting holes in the hold-down plates.

10. Sample Bars

Mr. Cochran discussed reinforcing steel sample bars that are required on Federal Aid projects. He described instances where incorrect bars were selected as the sample. Mr. Cochran noted the 30 inch sample bar should be cut from a full length bar and replaced with a splice bar sent from the supplier. Mr. Cochran noted often times the length of the splice bars are not adequate. Subcommittee members suggested providing a splice chart detailing required bar lengths to replace the 30 inch sample bar. The bar lengths provided in the chart will be 30 inches plus two splice lengths.

Action Item:

Structures Management Unit, Construction Unit, and Materials and Tests Unit will develop a splice chart detailing bar lengths required to replace the 30 inch sample bar.

11. Contract Implications with a Change of Ownership

Mr. Gattis discussed a scenario in which a Disadvantaged Business Enterprise (DBE) subcontractor changes ownership during the course of a project and how this affects contract commitments. Mr. Gattis stated NCDOT contracts include provisions addressing such a situation. He summarized the provisions by stating if the Subcontract Approval Form (SAF) has been submitted prior to change in ownership, the Contractor is not required to solicit replacement DBE participation. If ownership changes prior to submission of the SAF form then the Contractor shall make a good faith effort to replace the Subcontractor with a DBE Subcontractor.

Action Item:

None

12. Fly Ash in Bridge Decks

Mr. Hanks discussed the current Structure Management Unit policy which requires fly ash in concrete bridge decks in certain areas of the State as a corrosion protection measure. Mr. Hanks stated Structures Management Unit is considering applying this corrosion protection measure to all concrete bridge decks across the State. Several Contractors expressed concerns about the availability of fly ash. Mr. Hanks stated provisions and/or plan notes could be included which waive the requirement due to supply shortage.

Action Item:

Structures Management Unit will continue to investigate the use of fly ash in all concrete bridge decks throughout the state.

Next Meeting

The next meeting is scheduled for April 11th, 2018 in the Structures Management Conference Room C.