

Forms

STRUCTURE BULLETIN

NCDOT Construction Unit

[Website email](#)

1. Current Issues
2. Specification Questions
3. Training



Current Issues: Structure Training Survey

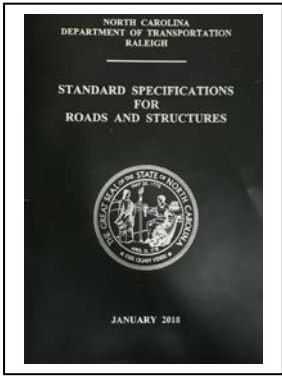
Thanks to all of you that took the survey we sent out last month. The respondents were evenly spread out across experience levels. The most favorable responses to non-traditional training were for the short subject YouTube videos and the Structure Bulletin. Each received ratings either 4 or 5 from 80% of the respondents. You can see the data at the following link:

<https://www.surveymonkey.com/results/SM-BRHDP96QL/>

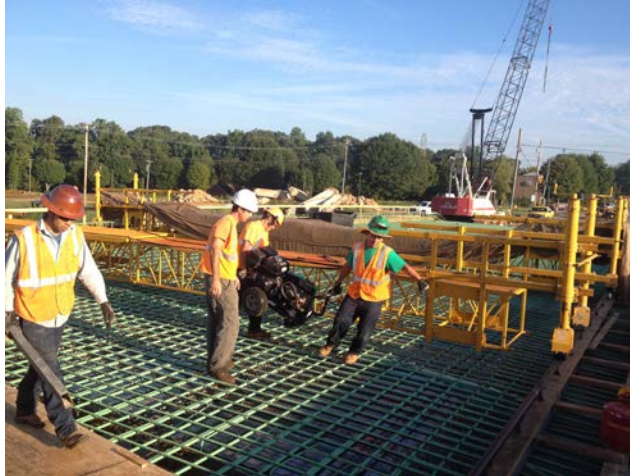
Looking ahead, the top three requested topics were 1) proper inspection techniques, 2) foundations, and 3) structure layout. We will take this into account when developing future training. There were also requests for more hands-on type training, and we will try to incorporate that as well.

If you think of other topics you would like to be covered in any of the training formats please feel free to [email us](#) with your recommendation. We are always looking for topics and would appreciate your input.

Have a safe and happy Fourth.



Special Provision Questions:



Question: Is the contractor required to use two work bridges on all deck pours?

Answer: Section 420-14(B) states: *“Use at least 2 approved work bridges to provide adequate access to the work for finishing, testing, straight edging, making corrections, fogging, applying curing medium and for other operations requiring access to the bridge deck.”* There may be a few cases where a deck pour may be so short that two are not necessary, but any time a contractor wants to only use one this should be discussed with the engineer before the pour. It is also one of the topics covered in the [Concrete Pre-Pour Checklist](#) found at the end of Section 420 in the [Construction Manual](#). Sometimes contractors will ask to have one work bridge installed and one on site to use if needed. As long as they are capable of placing it anywhere it is need and the work bridge is fully assembled and set to fit the rails this may be an acceptable option. The assumption is often made that all will go as planned and the second one is not necessary. That being said, the second work bridge is a little like and epinephrine pen: Many times you might not need it, but when you do need it you need it really bad. So yes, two are required unless you have permission from the engineer. This should be the exception, not the rule.

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If you have a topic you would like to see addressed in a future edition of the Structure Bulletin please [email](#) us at either acochran@ncdot.gov or aeearwood@ncdot.gov

YouTube Video:

Please visit the [Construction Unit YouTube playlist](#) on the NCDOT Communications YouTube page. We update new videos in the bulletin regularly.

Training:

PDF copies of the Winter Inspector Training presentations can be found at the following link:

[2018 Structure Inspector Training](#)

Structure Bulletins are now archived on the Construction Unit website under [Construction Resources](#).