

MINUTES
NORTH CAROLINA SEDIMENTATION CONTROL COMMISSION
COMMISSION'S TECHNICAL COMMITTEE
DECEMBER 15, 2022
ONLINE WEBEX MEETING

The North Carolina Sedimentation Control Commission's Commission Technical Committee met on December 15, 2022, at 3:00 p.m. in-person and online via WebEx. The following persons were in attendance for all or part of the meeting:

COMMITTEE MEMBERS

Mr. Mark Taylor (Chair)
Ms. Karyn Pageau (Vice Chair)
Mr. A.J. Lang
Mr. Donald Pearson
Mr. Steve Albright
Ms. Toni Norton
Ms. Robin Smith

OTHERS

Ms. Julie Coco, PE, State Sediment Specialist, DEMLR, DEQ
Mr. Graham Parrish, Assistant State Sediment Specialist, DEMLR, DEQ
Ms. Rebecca Coppa, Sediment Education Specialist, DEMLR, DEQ

Minutes:

The meeting began at 3:05 pm.

Draft meeting minutes from 9/15/22 and 10/17/22 were approved by consensus.

The committee then moved on to workgroup updates. Ms. Pageau and Mr. Lang began by updating on their work on Section 6.70 Temporary Stream Crossings. A discussion ensued, and edits were made throughout the text. What the lifespan of temporary stream crossing should be was discussed at length. Mr. Taylor asked if there was consensus within DEMLR to remove ford. Ms. Pageau commented that historically there were internal guidelines about when they could be used and in their meeting with regional staff it was recommended to be removed. Mr. Lang added that a ford is more of a permanent structure, once it's added it's difficult to remove. How long a stream crossing is allowed to remain is a contentious issue and Mr. Lang proposed moving on and leaving the final editing decision to DEMLR, the committee agreed.

Mr. Pearson again asked if it's typical to include the lifespan for temporary devices to encourage getting in permanent devices. Ms. Coco said that's it not currently included in DEMLR's checklist and Ms. Pageau add that it's not often specified in her experience. Mr. Taylor made some wording suggestions that are reflected directly in the text. Mr. Albright asked if the use of treetops to stabilize the approach way would lead them to becoming a hazard in high flow and blocking downstream areas. Mr. Lang answered that they aren't a concern in forestry. There was discussion on bankfull and if increasing peak flow definition would be required. Ms. Coco commented that the data behind the IDF curves will change, and that will change the values included in some of these calculations but the calculations/standards themselves don't need changed. Mr. Taylor also added that he uses low storm duration in designs because that gives him peak/max discharge which will design to the most intense storm. Mr. Lang questioned asked if/how the non-erosive question was addressed in the previous section it was discussed. Mr. Pearson said it hasn't been answered and him and Mr. Albright are still working on it.

In the construction specification, whether to include a camber was discussed. Mr. Taylor commented that some designs (culverts in particular) are designed to be overtopped. Mr. Pearson added that the prior discussion was that the bridge should have a camber/high point so the runoff from the approach way doesn't flood the bridge. Mr. Lang said he would try to wordsmith 4 & 7 to accommodate some of this discussion and that would be reflected directly in the text. Mr. Lang opened it up for comment on 5 & 6. Mr. Taylor & Mr. Albright commented that if it's in the planned overflow area wood mulch and treetops could be subject to floating. Mr. Lang said while it's appropriate for forestry it may not be appropriate for all situations, and he'll leave that for the committee to determine. Mr. Lang proposed picking up from here at the next meeting.

Mr. Taylor asked the committee if in addition to finishing this standard if Mr. Pearson and Mr. Albright would be ready to review 6.64 again to finalize it. If not to let the committee know a week or so before the next meeting and someone else will plug in their standard(s).

The next regularly scheduled meeting will be a hybrid meeting and is scheduled for 3:00pm – 5:00pm on January 19, 2022, and will be held as a WebEx meeting.

Mr. Taylor adjourned the meeting at 5:02 pm.