



## NETC Advisory Committee Meeting Minutes

**DATE:** Tuesday, April 26, 2022, 11:00am – 12:30pm ET

**PLATFORM:** GoToMeeting Link: <https://global.gotomeeting.com/join/628554149>

Dial-in: 646-749-3122; Access Code: 628-554-149

### Attendees:

Ulrich Amoussou-Guenou, MaineDOT	Emily Parkany, VTrans
Vinka Craver, URI	Dale Peabody, MaineDOT
Colin Franco, RIDOT	Ann Scholz, NHDOT
Matt Mann, UMass	Kirsten Seeber, CTC & Associates
Tanya Miller, VTrans	Jim Sullivan, UVT
Dee Nash, NHDOT	Nicholas Zavolas, MassDOT
Lily Oliver, MassDOT	

### 1) Open Project Review (April 2022)

Project # and Title	PI, Organization AC Liaison CTC Project Manager TC Chair	Update	End Date Budget
<a href="#">19-1: Curved Integral Abutment Bridge Design</a>	Adam Stockin, WSP E. Parkany K. Seeber Alex Bardow, MA DOT	WSP sent two versions of an amendment to the TC: Version A - Conducts no additional models and will cost \$47,000 and Version B - more modeling with a cost of \$74,000. The TC met on 4/25/22 to discuss Version B in detail. Emily will discuss with the AC.  ME and WSP are working on a NCTE.	3/31/2022 \$151,316
<a href="#">19-3: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Unstiffened Steel Beam Ends</a>	Simos Gerasimidis, UMassAmherst N. Zavolas K. Seeber Matt Weidele, MA DOT	The current task, Task 2 (Review of existing structures), doesn't end until August. Kirsten is working with the PI and Chair to schedule the next TC meeting.  The PI has conducted the third experiment for the project, the first beam from ME. The test setup required modification for the deeper beams that will be tested from ME and VT. This test was a great success and another beam from ME is already in the lab and being prepared for the next experiment,	3/31/2023 \$179,995

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		happening in May. They have still 29 beams on site, three of which have now been tested and more tests will be performed in the coming months. The team will be receiving 1-2 beams from one bridge in MA and possibly another 3 specimens from a different bridge in MA within the next month.	
<a href="#">20-1: In-Service Performance Evaluation of NETC Bridge Railings</a>	Christine Carrigan, RoadSafe D. Peabody K. Seeber Jeff Folsom, ME DOT	The final TC meeting was held on 3/11/22. The PI is completing the final deliverables. The project webinar is scheduled for 5/25/22.	6/30/2022 \$119,978
<a href="#">20-2: Current Status of Transportation Data Analytics and A Pilot Case Study Using Artificial Intelligence (AI)</a>	Yuanchang Xie, UMass Lowell A. Scholz K. Seeber Susan Klasen, NH DOT	The TC met on 4/20/22. The PI provided recommendations to improve current data needs at the transportation agencies. The PI also provided six recommendations using existing agency data for the pilot study. The TC is meeting the week of 5/2/22 to select the topics for the pilot study.  The TC is reviewing the draft reports for Task 2 (Assessment of Data Needs, Emerging Data Sources, and Data Processing and Analytics) and Task 3 (Recommendations). Feedback is due 5/12/22.	3/31/2023 \$179,995
<a href="#">20-3: Investigating Thermal Imaging Technologies and Unmanned Aerial Vehicles to Improve Bridge Inspections</a>	Kevin Ahearn, AECOM D. Peabody K. Seeber John "Sam" Maxim, ME DOT	The PI is starting on Task 3 (Develop UAV-based inspection and analysis protocols). A TC meeting is scheduled for 5/12/22.	3/31/2023 \$174,931
<a href="#">20-4: New England Connected and Automated Vehicle Legal and Regulatory Assessment</a>	Greg Rodriguez, Stantec E. Parkany/N. Zavalas K. Seeber Pete Calcaterra, CT DOT	The TC met 4/13/22 to provide feedback on the Executive Summary, Findings and Recommendations sections. The PI sent the full draft report to the TC on 4/19/22, which the TC is asked to share with a wide group of stakeholders within and across their states. Comments are due 5/17/22.  The next TC meeting is scheduled for 4/28/22.	6/30/2022 \$153,746
<a href="#">21-1: Quality Review and Assessment of Pavement Condition Survey Vehicle Data Across New England</a>	Gonzalo Rada, Wood Environment & Infrastructure Solutions A. Mroczkowski K. Seeber John Henault, CT DOT	The Task 1 (Review and Analysis of DQMPs) draft report was sent to the TC on 4/11/22 with comments due 4/27/22. A TC meeting is scheduled for 5/18/22.  Monthly meetings – majority of TC members attending those.	7/31/23 \$174,932
<a href="#">21-3: Initiating Seed Production for Effective Establishment of Native Plants on Roadsides in New England</a>	TBD A. Scholz K. Seeber Arin Mills, NH DOT	ME and UConn are still finalizing the contract language for this project.  The TC and the research team met on 4/7/22. The TC emphasized that the guidance from this project should be specific to how the agencies	24 months \$200,000

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		work. The project meetings will be quarterly. Kirsten is scheduling those meetings.	

#### Discussion:

- 19-1
  - The TC was disappointed with what WSP has provided so far. The recommendations are too conservative. Jim Lacroix (VT) will create a draft memo to WSP directing them on what the TC is looking for. The TC will review and approve before it gets sent to WSP. MaineDOT needs the amendment scope so they can get started on the contract amendment right away.
  - The Advisory Committee approved the funds for an amendment, contingent on the TC accepting the new amendment scope from WSP.
- 20-4
  - The TC received a full draft final report from Stantec, which they are sharing with stakeholders within their states to get feedback.
  - Christos will present this project at the RAC Summer meeting.

#### 2) Implementation

- TAAC members to report on any implementation activities for recently closed projects.
- Kirsten sent the implementation spreadsheet to the TAAC on 3/21/22. New projects added:
  - [NETC 19-2: Multi-State Multi-Season Land-Based Erosion Modeling and Monitoring for Infrastructure Management](#)
  - [NETC 20-1: ISPE for NETC Bridge Railings](#)
- If AC members knows of Tech Transfer Activities for any project, please let Kirsten know and she will add to the project's web page.
  - Emily – Is it okay if implementation for 18-1 and 20-1 are similar? Dale – Yes.
- Dale presented to TRB Roadside Safety Committee, subcommittee on the ISPE. **Action item:** Kirsten will post this in the implementation section on the project page, without Dale's notes.

#### 3) Wrapping up the pooled fund study – Remaining balance

- AC members to discuss ways to utilize the remaining funds prior to the end of the pooled fund on 12/31/24.
- NETC has approximately \$60,000 unallocated funds. Depending on which direction the UConn contract goes (NETC 21-3), another \$200,000 could be added to this number.
- Some options already thrown out include:
  - Symposiums
  - Short project(s)
  - In-person meeting(s)
  - Other
- Dale – ME needs RI's FFY2021 transfer. Colin will follow up with Christos.
- States should not contribute for FFY22.

**4) Memo to Policy Committee re: NETC ending**

- We received feedback from Emily and Tanya on the memo. Ann will finalize the memo and Kirsten will send to the Policy Committee.
- Everyone is good with Emily's comments.
- Dale – The number of projects needs to change to seven active and one pending.

**5) Other Business**

- Colin – Thank you to those who rated his NCHRP projects high. They got a synthesis and a continuation of a project, which is two out of the four they submitted.
  - ~ Emily – How will the states know which projects were chosen? Dale – Lori will send something soon. He will also send the list of funded projects to the AC.

**6) Adjourn**

**Next meeting:** May 24<sup>th</sup>, 2022 from 11:00am – 12:30pm ET