



NETC Advisory Committee Meeting Minutes

Attendees:

Colin Franco, RIDOT	Dale Peabody, MaineDOT
Brian Hirt, CTC & Associates	Emily Parkany, VTrans
Tanya Miller, VTrans	Lily Oliver, MassDOT
Matt Mann, UMTC	Ann Scholz, NHDOT
Andrew Mroczkowski, ConnDOT	Kirsten Seeber, CTC & Associates
Dee Nash, NHDOT	Nicholas Zavolas, MassDOT

1) Open Project Review (October 2022)

Project # and Title	PI, Organization AC Liaison CTC Project Manager TC Chair	Update	End Date Budget
19-1: Curved Integral Abutment Bridge Design	Adam Stockin, WSP E. Parkany K. Seeber Alex Bardow, MA DOT	WSP sent a memo to the TC to establish the work the research team has completed since the amendment and confirm that they are on the right track moving to completion. All TC members have either provided comment or have no comments. The TC meeting to discuss the DRF is scheduled for 12/1/22. Kirsten will follow up with the PI to find out when he anticipates sending the DFR to the TC.	1/31/23 \$225,255
19-3: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Unstiffened Steel Beam Ends	Simos Gerasimidis, UMass Amherst N. Zavolas K. Seeber Matt Weidele, MA DOT	A TC meeting was held on 10/7/22 to discuss a time extension for the contract. The TC approved a new end date of 1/31/24. This should allow the research team to test an additional 20 beams of the 30+ testable beams they have on site. The draft final report will be sent to the TC by 10/31/23. The PI will submit the amendment request to MaineDOT soon. PI has submitted the amendment request which ME will process in early 2023. The Advisory Committee approved the extension.	3/31/2023 \$179,995

Project # and Title	PI, Organization AC Liaison CTC Project Manager TC Chair	Update	End Date Budget
20-2: Current Status of Transportation Data Analytics and a Pilot Case Study Using Artificial Intelligence (AI)	Yuanchang Xie, UMass Lowell E. Parkany K. Seeber Susan Klasen, NH DOT	<p>The PI has started work on the pilot project on vehicle trajectory data collection and modeling. He has received the radar sensors needed for the pilot and has been testing them on campus. The PI has identified a test site in the White Mountains region and is looking for a few other sites.</p> <p>The PI is preparing to submit the no cost time extension, previously approved by the TC, to ME. He is requesting a new end date of 12/31/23.</p> <p>Emily volunteered to be the new AC Liaison for this project.</p>	3/31/2023 \$179,995
20-3: Investigating Thermal Imaging Technologies and Unmanned Aerial Vehicles to Improve Bridge Inspections	Kevin Ahearn, AECOM D. Peabody K. Seeber John "Sam" Maxim, ME DOT	<p>The PI will submit the DFR by Thanksgiving. A TC meeting is scheduled on 1/9/23 to discuss.</p>	3/31/2023 \$174,931
21-1: Quality Review and Assessment of Pavement Condition Survey Vehicle Data Across New England	Gonzalo Rada, WSO A. Mroczkowski K. Seeber John Henault, CT DOT	<p>A TC meeting was held on 10/14/22 to discuss control site requirements and view the characteristics tool. The TC requested several new inputs be added to the tool, which the research team will update. The PI will send the draft of the tool and the associated guidelines doc to the TC in December.</p>	7/31/23 \$174,932
21-3: Initiating Seed Production for Effective Establishment of Native Plants on Roadsides in New England	Julia Kuzovkina, UConn D. Nash K. Seeber Arin Mills, NH DOT	<p>The research team completed the focus groups to identify the past and future demand for native plant seeds. They met with CT regarding the selection of a demonstration plot site. The research team started treatments at the demonstration sites. Continued working on the literature search.</p> <p>The next quarterly TC meeting is scheduled for 12/6/22.</p> <p>The TC feels there is still confusion on the purpose of the project. Kirsten has scheduled a meeting for the TC to meet on 10/31/22 to discuss the future of the project.</p> <p>The Advisory Committee suggests this project be put on hold until the TC meets. Kirsten will follow up with the PI and TC chair. This project cannot be extended beyond the 6/31/24 contract end date.</p> <p>Dee volunteered to be the new AC Liaison for this project.</p>	6/30/24 \$200,000

2) Implementation

- TAAC members to report on any implementation activities for recently closed projects.

- Kirsten sent the implementation spreadsheet to the TAAC on 9/26/22. New projects added:
 - [NETC 20-4: Coordinating State Policies, Laws and Regulations for Automated Driving Systems Across New England](#)
- Would the TAAC like to have the implementation spreadsheet with all projects, including the in progress projects, included on it?
- How can additional states use/implement the results of completed NETC projects?
 - Could NETC hold a webinar featuring a category of projects? TAAC could members invite SMEs from their agencies to attend the webinar.
 - **Action item:** Kirsten will review the completed projects to find some that have implementation activities, and or a category of projects, that might make a good webinar.
- If AC members knows of Tech Transfer Activities for any project, please let Kirsten know so she can add them to the project's web page.
- Emily – What is full implementation vs. partial? It was an option for the TC members to choose. We don't call this out on the NETC website. We just list the implementation activities.
 - Emily – Implemented as originally envisioned or did something different?
 - Ann – Those definitions were taken from another state that put together an implementation form so they were out there.
 - Emily – Keep them as they are on the form for now. This may not be the right forum for this discussion on how to define implementation.

3) Wrapping up the pooled fund study – ongoing topic

- AC members to discuss ways to utilize the remaining funds prior to the end of the pooled fund on 12/31/24.
- There is \$48,000 in unallocated funds in the pooled fund, leftover from CTC's unexpended funds from years three and four.
 - CTC's current contract is \$250,000 but there will probably be at least \$50,000 available to spend on new activities.
- CTC created a draft survey (sent to the TAAC on 10/19/22) that the TAAC can send to their staff to generate ideas on how to use NETC funds. The hope would be to gather ideas of activities that NETC could undertake to assist agency staff prior to the ending of the pooled fund.
 - Emily –What happens if no responses are received? Will the AC vet the responses?
 - Dale – All TAAC members need to agree on how to spend the money. If not in full agreement on an idea, move on to the next idea.
 - Lily – This will not be an agency-wide solicitation. She would like a list of list of past TC members and symposium attendees from the transportation agencies only. **Action item:** Kirsten will send a list for each state, a generic email TAAC members can modify and send to staff and a pdf version of the survey.
 - Survey due date – Provide one week deadline. Send a follow up email at the one week mark and extend the deadline an extra week.
 - **Action item:** Kirsten will send an update on survey responses to the TAAC as the one week mark.
- Options for additional activities previously discussed include:
 - Syntheses
 - ~ latest drone research (Colin)
 - ~ electric vehicle fire and EMT

- response (Dale)
 - ~ hydrogen fuel cell vehicles state of practice (Dale)
- ~ solar systems in ROW (Dale)
- ~ low carbon concrete (Dale)
- ~ others
- Symposiums/Workshops
 - ~ climate issues
 - electric grid (Dale)
 - ~ drone usage (Dale)
- ~ AV's (Dale)
- ~ safety (Dale)
- ~ others
- NETC Domestic Scan
- In-person meeting(s)
- Peer exchanges
- Other

4) Other Business

- Ann retiring and a new chair is needed. Ann – Not a heavy lift because NETC is dissolving.
 - Emily will do it if no one else is interested.
 - Colin – Motion for Emily to take over as the AC chair of NETC because Ann is retiring. Second – Dale. All in favor so motion passes.
- The monthly Advisory Committee meetings will stay on the same schedule next year (4th Tuesday of the month) but shortened to 11:00am – noon. **Action item: Kirsten will send a calendar invitation for the 2023 meetings.**

5) Adjourn

Next meeting: November 15, 2022 from 11:00am – 12:30pm ET