



NETC Advisory Committee Meeting Minutes

DATE: Tuesday, June 28, 2022, 11:00am – 12:30pm ET

Zoom Meeting Link: <https://us02web.zoom.us/j/88200175148?pwd=RteuDi7AbGUheP7FKGcwbBQICS59C1.1>

Meeting ID: 882 0017 5148 **Passcode:** 749330

Attendees:

Ulrich Amoussou-Guenou, MaineDOT	Dee Nash, NHDOT
Alex Bernier, UConn	Emily Parkany, VTrans
Colin Franco, RIDOT	Dale Peabody, MaineDOT
Tanya Miller, VTrans	Kirsten Seeber, CTC & Associates
Matt Mann, UMTC	Nicholas Zavolas, MassDOT
Andrew Mroczkowski, ConnDOT	

1) Open Project Review (June 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	MaineDOT is processing an amendment in the amount of \$73,939. Emily requested a TC meeting be scheduled so everyone is on the same page with project activities moving forward. Kirsten will send a scheduling poll.	6/30/2022 \$151,316
19-3: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Unstiffened Steel Beam Ends	Simos Gerasimidis, UMassAmherst N. Zavolas K. Seeber Matt Weidele, MA DOT	The research team has 31 beams on site, four of which have now been tested and more tests will be performed in the coming months. A ME beam is up next. The team received 12 beams from a NH bridge on 6/27/22. There are additional beam specimens that are scheduled to be delivered at the end of the year. The goal is to test as many beams as possible possible. The presentations at the MassDOT Innovation Conference and EMI were very successful. The next presentation will be at the TRB AKB20 mid-year meeting this week.	3/31/2023 \$179,995

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		The PI has indicated that they may need more time to complete the project, which will be revisited in the fall.	
20-1: In-Service Performance Evaluation of NETC Bridge Railings	Christine Carrigan, RoadSafe D. Peabody K. Seeber Jeff Folsom, ME DOT	The project webinar was held on 5/25/22 with seventeen attendees. All final deliverables are posted on the project page.	6/30/2022 \$119,978
20-2: Current Status of Transportation Data Analytics and A Pilot Case Study Using Artificial Intelligence (AI)	Yuanchang Xie, UMass Lowell A. Scholz K. Seeber Susan Klasen, NH DOT	The PI sent two SOWs for the pilot project and asked for the TC members votes by 6/24/22. Still waiting for RI vote. Option A) AI + Edge computing powered thermal sensors Option B) Vehicle trajectory data collection and modeling Colby Fortier-Brown (ME TC) spoke with PI and NETC will not be paying for any equipment for the pilot (thermal cameras).	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	The PI is finishing up Task 3 (Develop UAV-based inspection and analysis protocols), which will be turned in by 7/15/22. Kirsten is scheduling the next TC meeting. Dale, Sam and Kevin met with a bridge design person from LA DOTD to provide information on the project. Kirsten will add this to the Tech Transfer section of the project page.	3/31/2023 \$174,931
20-4: New England Connected and Automated Vehicle Legal and Regulatory Assessment	Greg Rodriguez, Stantec E. Parkany/N. Zavolas K. Seeber Pete Calcaterra, CT DOT	The TC met on 6/16/22 for the final TC meeting. Final comments on the final report were due 6/27/22. Kirsten is working with the PI to schedule the project webinar. Christos is scheduled to present this project on 7/28/22 at the RAC Summer meeting.	6/30/2022 \$153,746
21-1: Quality Review and Assessment of Pavement Condition Survey Vehicle Data Across New England	Gonzalo Rada, Wood Environment & Infrastructure Solutions A. Mroczkowski K. Seeber John Henault, CT DOT	Task 1 (DQMP analysis) is complete. Task 2 (Control Sites) is 50% complete and Task 3 (Guidelines) will begin in July. Kirsten is scheduling the next TC meeting for the end of July.	7/31/23 \$174,932

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21-3: Initiating Seed Production for Effective Establishment of Native Plants on Roadsides in New England	Julia Kuzovkina, UConn A. Scholz K. Seeber Arin Mills, NH DOT	ME and UConn executed the final contract in May. Kirsten is setting up quarterly meetings for the TC and finalizing the date for the next meeting.	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 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 will check with Pete Calcaterra on when/where he may be presenting on NECT 20-4.

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. This discussion will take place after the Summer RAC meeting, in August or September.
- Dale confirmed that there is \$48,000 in unallocated funds, leftover from CTC's unexpended funds from years three and four. The CTC contract for years five and six is \$250,000, but based on previous spending, the probably won't spend \$50,000 of it. That \$50,000 cannot be removed from the contract so CTC would have to perform extra work the Advisory Committee decides on.
- Some options mentioned include:
 - Symposiums
 - ~ Climate issues
 - Emily would want to keep NETC's attention to climate issues separate from ICNet.
 - Colin – If there is already a coordinated effort among the states that deal with infrastructure and climate, NETC doesn't need to get into these issues.
 - Short project(s)
 - In-person meeting(s)
 - Other
 - ~ Colin is interested in a synthesis on the current state of drone research.

4) Other Business

- July 26th Advisory Committee meeting occurs during the RAC Summer meeting. Reschedule, cancel or other?
 - ~ Lily, Ann, Dale, Colin, Emily, Andrew – Cancel

5) Adjourn

Next meeting: August 23, 2022 from 11:00am – 12:30pm ET