



## NETC Advisory Committee Meeting Agenda

**DATE:** Tuesday, August 24, 2021, 11:00am – 12:30pm ET

**LOCATION:** GoToMeeting Link: <https://global.gotomeeting.com/join/628554149> Dial-in: 646-749-3122;

Access Code: 628-554-149

### 1) Open Project Review (August 2021)

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	The survey to state bridge engineers was sent and received 34 responses. Kirsten will schedule the next TC meeting to review Task 2 (finite element studies) and Task 3 (design guidelines). The project is a bit behind but the PI feels they can finish on time.	3/31/2022 \$151,316
<a href="#">19-2: Multi-Scale Multi-Season Land-Based Erosion Modeling and Monitoring for Infrastructure Management</a>	Aimee Mountain, GZA A. Scholz M. Tran Neil Olson, NH DOT	Maina will provide an update during the meeting.	2/28/2022 \$148,035
<a href="#">19-3: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Steel Beam Ends</a>	Simos Gerasimidis, UMass Amherst N. Zavalas K. Seeber Matt Weidele, MA DOT	The TC has received beams from ME and CT and is expecting beams from MA and VT. RI and NH are looking for bridge candidates. The PI is finalizing the Task 1 report. The next TC meeting is scheduled for 12/16/21.	3/31/2023 \$179,995
<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 TC is scheduled to meet on 9/3/21. The research team does not have all of the bridge rail inventory and crash data they need for the project but feel they can keep the project on its original schedule.	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>	UMass Lowell, A. Scholz M. Tran	Maina will provide an update during the meeting.	3/31/2023 \$179,995

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	Susan Klasen, NH DOT		
<a href="#">20-3: Investigating Thermal Imaging Technologies and Unmanned Aerial Vehicles to Improve Bridge Inspections</a>	AECOM, Kevin Ahearn D. Peabody M. Tran John "Sam" Maxim, ME DOT	Maina will provide an update during the meeting.	3/31/2023 \$174,931
<a href="#">20-4: New England Connected and Automated Vehicle Legal and Regulatory Assessment</a>	Stantec, Greg Rodriguez E. Parkany/N. Zavolas K. Seeber Daniel Sullivan, MA DOT	The TC meets monthly. A DOT CAV Engagement workshop was held on 7/29/21. The PI is scheduling outreach meetings with industry and organization leaders. MaineDOT is hoping the contract modification will be executed in early August.	12/31/2021 \$153,746
Re-Creating NETC	Kirsten Seeber/Chris Kline, CTC & Associates A. Scholz K. Seeber A. Scholz	The 8/19/21 TAAC was cancelled due to scheduling conflicts. Kirsten is rescheduling. The draft Task 3 memo was sent to the TAAC for review and comments.	8/12/2021 \$50,000
<a href="#">21-1: Quality Review and Assessment of Pavement Condition Survey Vehicle Data Across New England</a>	TBD A. Mroczkowski M. Tran John Henault, CT DOT	The RFP has been posted. Questions were answered and posted. The RFP deadline is 9/1/21.	18 months \$200,000 proposed
<a href="#">21-2: Sustainable Biomass-Based Sealant for Service Life Extension of Concrete Structures and Pavements</a>	TBD U. Amoussou-Gueno K. Seeber Joe Stillwell, ME DOT	The final SOW was sent to MaineDOT on 8/18/21 for processing into an RFP.	24 months \$210,000 proposed
<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	The RFP has been posted. Questions are due on 9/2/21. The RFP deadline is 9/27/21. Kirsten sent an email to the NETC distribution list on 8/19/21 and the TC on 8/23/21.	36 months \$200,000 proposed

## 2) Implementation

- TAAC members to report on any implementation activities for recently closed projects.
- Kirsten sent the implementation spreadsheet to the TAAC on 5/11/21. No further updates have been received.
  - ~ NETC 18-1: Development of MASH Computer Simulated Steel Bridge Rail and Transition Details
  - ~ NETC 18-2: Framework of Asphalt Balance Mix Design for NE Agencies
  - ~ NETC 18-3: Integration of Unmanned Aircraft Systems into State DOTs

## 3) Project Webinars

- No webinars currently scheduled.
- All webinar recordings/presentations can be found on the project pages or [here](#).

**4) Website Implementation page**

- The Advisory Committee will review a sample project page with implementation activities.

**5) Next NETC pooled fund study**

- Begin discussions on the next phase of the NETC pooled fund study.

**6) 2021 Symposium Update**

- Maina will provide additional updates during the meeting.
- A Transportation Maintenance Symposium will be held September 28, 29 and 30. The third day will depend on the number of subtopics selected.
- Zoom will be used to host the symposium.
- A Construction Symposium will be held in early 2022.
- The three sub-topic champions are Todd Law (VT), Caleb Dobbins (NH) and Mike Smith (UMass).
- The planning committee and the three champions are meeting on 8/24/21.

**7) Other Business**

- The December Advisory Committee meeting has been moved to 12/14/21 from 11:00am – 12:30pm ET.

**8) Adjourn**

**Next meeting:** September 28<sup>th</sup>, 2021 from 11:00am – 12:30pm ET

