



## NETC Advisory Committee Meeting Agenda

**DATE:** Tuesday, April 27, 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 (April 2021)

Project # and Title	PI, Organization AC Liaison CTC Project Manager TC Chair	Update	End Date Budget
<a href="#">18-3: Integration of Unmanned Aircraft Systems into State DOTs</a>	Jag Mallela, WSP E. Parkany M. Tran Jeffrey DeCarlo, MA DOT	Project is complete. Poster, Fact Sheet, and Implementation Summaries have been delivered. PI is in process of making a revision on final report based on feedback from MassDOT. A webinar was held on 3/30/2021.	3/31/2021 \$146,632
<a href="#">19-1: Curved Integral Abutment Bridge Design</a>	Adam Stockin, WSP E. Parkany K. Seeber Alex Bardow, MA DOT	The TC met with the Research Team on 4/8/21 to get final questions answered about the changes to Task 2. The TC approved the changes and provided notice to the PI to continue work. The PI will send an updated project schedule. The overall project schedule should not be affected.	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	The Research Team is working on developing toolkit. The next project status check will be in June.	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 next TC meeting is scheduled for 5/20/21. The PI asked for an extension of the Task 1 (ID most common corrosion) due date (5/1/21 to 7/1/21). A new grad student was added to the project due to COVID-19 travel restrictions on the existing grad student. The overall timeline of the project will not be affected.	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 next TC meeting to discuss Tasks 1 (Bridge railings inventory) and 2 (Rail crash and traffic data) is scheduled for 5/19/21.	6/30/2022 \$119,978

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<a href="#">20-2: Current Status of Transportation Data Analytics and A Pilot Case Study Using Artificial Intelligence (AI)</a>	TBD A. Scholz M. Tran Susan Klasen, NH DOT	UMass Lowell conditionally awarded. ME is in contract negotiations. Contract should be signed by end of April.	TBD \$200,000
<a href="#">20-3: Investigating Thermal Imaging Technologies and Unmanned Aerial Vehicles to Improve Bridge Inspections</a>	AECOM, D. Peabody M. Tran John "Sam" Maxim, ME DOT	The kickoff meeting was held on 2/23/21. The research team has started on Task 1 (Desk scan). They will also survey the TC for input on bridges that should be selected for field demonstrations in Task 2.	TBD \$175,000
<a href="#">20-4: New England Connected and Automated Vehicle Legal and Regulatory Assessment</a>	Stantec, Greg Rodriguez E. Parkany/N. Zavalas K. Seeber Daniel Sullivan, MA DOT	The TC meets monthly. The PI is working on Tasks 1 (Lit Search) and 2 (NE policies/regulations analysis).	12/31/2021 \$105,446
Re-Creating NETC	Kirsten Seeber/Chris Kline, CTC & Associates A. Scholz K. Seeber A. Scholz	CTC will deliver the Task Memo 2, which summarizes the results of surveys to other research consortiums, on 5/3/21. CTC is scheduling a meeting in June to discuss the results.	8/12/2021 \$50,000
21-1: Quality Review and Assessment of Pavement Condition Survey Vehicle Data Across New England	TBD A. Mroczkowski M. Tran John Henault, CT DOT	SOW Review meeting to be held on 5/4/21.	18 months \$200,000 proposed
21-2: Sustainable Biomass-Based Sealant for Service Life Extension of Concrete Structures and Pavements	TBD U. Amoussou-Gueno K. Seeber Joe Stillwell, ME DOT	Five of the six TC members are filled. VT is still looking for a representative. The SOW review meeting is being scheduled.	24 months \$210,000 proposed
21-3: Initiating Seed Production for Effective Establishment of Native Plants on Roadsides in New England	TBD A. Scholz K. Seeber Arin Mills, NH DOT	Five of the six TC members are filled. ME probably won't have a TC member for this project. The SOW review meeting is being scheduled.	36 months \$200,000 proposed
(CONTINGENCY PROJECT) 21-4: Determining the Effect of Changing the Asphalt Binder Source Between Mixture Design and Production on a Balanced Mixture Design (BMD) in New England	TBD N. Zavalas M. Tran Mark Brum, MA DOT	All states have TC members. This project will be on hold unless/until any of the other three projects don't move forward.	30 months \$200,000- \$225,000 proposed

## 2) Implementation

- TAAC members to report on any implementation activities for recently closed projects.
  - ~ 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) Symposium – Ideas**

- Time frame for symposium will be mid-September to late October.
- Two topics are suggested: Construction and Maintenance with several subtopics.
- The two topics will be concurrently held for the first two days.
- It will be a 3-day event with third day as wrap-up with AC members.
- The next Symposium committee meeting is scheduled for 5/11/21.

**5) NETC Website**

- Questions from the AC?

**6) Other Business**

**7) Adjourn**

**Next meeting:** May 25, 2021 from 11:00am – 12:30pm ET