



New England Transportation Consortium

NETC Advisory Committee Meeting Agenda

DATE: Tuesday, May 26, 2020, 11:00am – noon ET

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

Access Code: 628-554-149

1) Open Project Review (May 2020)

Project # and Title	PI, Organization AC Liaison CTC Project Manager TC Chair	Update	End Date Budget
18-1: Development of MASH Computer Simulated Steel Bridge Rail & Transition Details	Chuck Plaxico, Malcom Ray, Roadsafe LLC D. Peabody K. Seeber Jeff Folsom, ME	Final report, fact sheet and poster are posted on the project page .	6/1/20 \$199,936
18-2: Framework of Asphalt Balanced Mix Design for NE Agencies	Walaa Mogawer, UMass Dartmouth A. Scholz M. Tran Joseph Blair, NH DOT	Tasks 3- 5 are in progress. A project update status meeting is scheduled for the first week of June.	6/30/20 \$127,499
18-3: Integration of Unmanned Aircraft Systems into State DOTs	Adrienne Lindgren, WSP E. Parkany M. Tran Jeffrey DeCarlo, MA DOT	Task 3 is almost complete. Task 4 is in progress. A project update meeting is scheduled for 5/27/20.	3/31/2021 \$146,632
19-1: Curved Integral Abutment Bridge Design	Adam Stockin, WSP E. Parkany K. Seeber Alex Bardow, MA DOT	Kirsten sent WSP's proposal for instrumenting/monitoring one VT bridge to TC for comments. Many comments received. Kirsten will compile the comments and send back to WSP this week.	6/30/2022 \$151,316
19-2: Multi-Scale Multi-Season Land-Based Erosion Modeling and Monitoring for Infrastructure Management	Aimee Mountain, GZA A. Scholz M. Tran Neil Olson, NH DOT	Task 2 is in progress. A project update meeting was held on 5/20/20. The research team presented survey results on land data gathered. They will continue to reach out to a few more states to obtain additional responses.	6/30/2022 \$148,035
19-3: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Steel Beam Ends	TBD N. Zavolas K. Seeber Alex Bardow, MA DOT	ME negotiating the contract with the PI.	TBD \$200,000

Project # and Title	PI, Organization AC Liaison CTC Project Manager TC Chair	Update	End Date Budget
20-1: In-Service Performance Evaluation of NETC Bridge Railings	TBD D. Peabody K. Seeber Jeff Folsum, ME DOT	Need full TC so CTC can schedule the SOW review meeting. Draft SOW with TC Chair and AC Liaisons for review and feedback. Draft SOW will be sent to TC prior to the SOW review meeting. TC CT – Need member MA – Need member ME – Jeff Folsum (chair) NH – Chelsea Noyes RI – Need member VT – Chris Mooney	TBD \$120,000
20-2: Current Status of Transportation Data Analytics and A Pilot Case Study Using Artificial Intelligence (AI)	TBD A. Scholz M. Tran Susan Klasen, NH DOT	Need full TC so CTC can schedule the SOW review meeting. Draft SOW with TC Chair and AC Liaisons for review and feedback. Draft SOW will be sent to TC prior to the SOW review meeting. TC CT – Need member MA – Need member ME - Colby Fortier-Brown NH – Susan Klasen (chair) RI – Need member VT – Ian Degutis/Mandy White	TBD \$200,000
20-3: Investigating Thermal Imaging Technologies and Unmanned Aerial Vehicles to Improve Bridge Inspections	TBD D. Peabody M. Tran John “Sam” Maxim, ME DOT	Need full TC so CTC can schedule the SOW review meeting. Draft SOW with TC Chair and AC Liaisons for review and feedback. Draft SOW will be sent to TC prior to the SOW review meeting. TC CT – Need member MA – Need member ME – Sam Maxim NH – Nick Goulas RI – Need member VT – Evan Robinson	TBD \$175,000
20-4: New England Connected and Automated Vehicle Legal and Regulatory Assessment	TBD E. Parkany/N. Zavolas K. Seeber Daniel Sullivan, MA DOT	A SOW review meeting was held 5/15/20. The TC chair is revising the SOW based on the TC comments. A follow up SOW review meeting is scheduled for 6/5/20.	TBD \$100,000
Creating a NETC that Works		Funds have been set aside should the AC want to move forward with this effort.	TBD \$50,000

- Dale reached out to NYS DOT to determine their interest in the NETC 20-services projects. Ryan Lund responded that they will not be financially participating in them for now. Some of their folks are interested in 20-2: Current Status of Transportation Data Analytics and A Pilot Case Study Using Artificial Intelligence (AI) and would like to stay in the loop. They would possibly participate next year.

2) Implementation - Closeout webinars for closed projects

- 15-4: [Quick Response Project: Optimizing Quality Assurance \(QA\) Processes for Asphalt Pavement Construction in the Northeast](#). Webinar held on Thursday, May 7th. Twenty-two attendees and lots of participation.
 - ~ Webinar follow up - Colin Franco feels this is an important project to implement and would like Jo Sias to develop a Research Need Statement for a project. Could this be a quick response project?
- 18-1: [Development of MASH Computer Simulated Steel Bridge Rail and Transition Details](#) Kirsten working with Chuck Plaxico to find a date and time. The webinar has been pushed to June or early July due to the PI's schedule.
- All webinar recordings/presentations can be found on the project pages or [here](#).

3) Marketing ideas – Nicholas Zavolas

- **NETC "What's happening?" newsletter** - NETC would distribute to AC members a monthly (or bi-monthly) email 'quick update' of NETC related activities that can easily be forwarded to DOT staff et al. This update could include a range of information such as that listed below.
 - ~ recently completed NETC research
 - ~ current and/or recently awarded NETC research
 - ~ upcoming Webinars/Seminars (NETC)
 - ~ Call for NETC TC participants
 - ~ NETC State DOTs - announcements (i.e., transportation research & education)
- **NETC State DOT Research Activities Update** - NETC DOT ACs to periodically/regularly share a listing of their respective research project activities:
 - ~ recently completed research,
 - ~ current research and/or
 - ~ new research project selections

4) Final Reports – 508 compliance/technical editing

- 508 compliance
 - ~ Lily forwarded MA's standard contract language related to 508 compliance. Is this something ME can incorporate into their contracts?

SECTION 508 COMPLIANCE

All electronic and information technology deliverables rendered under this contract shall comply with Section 508 of the Rehabilitation Act (**29 U.S.C. § 798 SECTION 508**) and the Access Board Standards available for viewing at <http://www.section508.gov>. Unless otherwise indicated, the Consultant represents by signature on this Agreement that all deliverables shall be in compliance with all applicable Access Board Standards. Further, the Consultant shall adhere to Information Technology Division (ITD) Enterprise Information Accessibility Standards and the Web Accessibility Standards, Version 2 (collectively the "ITD Accessibility Standards") issued by "ITD," available online at <http://www.mass.gov/accessibility>.

- Technical editing – Continue discussion from April meeting.

- ~ The AC wanted to decide on this topic this month, prior to the next batch of RFPs being posted by ME.
- ~ Comments from April Meeting:
 - Tech editing and 508 compliance happen simultaneously.
 - MA - If a report is poorly written, it should be sent back to the PI for rewriting. Their editing is copy editing.
 - The TC's should be saying if the report is poorly written when they review the draft final report.

5) NETC Website Refresh

- CTC has received feedback from a few members and will proceed with the website refresh.
- Changes to some of the wording needs to be made.
- State logos are good. No university logos.
- Reconsider the NETC logo to represent DOTs for managing a multimodal transportation system.
- Consider mimicking Clear Roads project pages ([sample](#)) so the NETC project page contains only project information.

6) Other Business

- Unfunded Research [page](#) now on the NETC website.

7) Adjourn

Next meeting: June 23, 2020 from 11:00am – Noon ET