



New England Transportation Consortium

NETC Advisory Committee Meeting Agenda

DATE: Tuesday, November 17, 2020, 10:00am – 11:30am ET

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

Access Code: 628-554-149

1) Open Project Review (November 2020)

Project # and Title	PI, Organization AC Liaison CTC Project Manager TC Chair	Update	End Date Budget
18-2: Framework of Asphalt Balanced Mix Design for NE Agencies	Walaia Mogawer, UMass Dartmouth A. Scholz M. Tran Joseph Blair, NH DOT	All tasks are complete. Final meeting held on 11/6/20. Poster and Fact Sheet delivered. Final report is being finalized.	12/31/20 \$127,499
18-3: Integration of Unmanned Aircraft Systems into State DOTs	Jag Mallela, WSP E. Parkany M. Tran Jeffrey DeCarlo, MA DOT	Task 4 is complete. Project status meeting was held on 11/12/20. PI will begin drafting final report. Final meeting will be held mid-January.	3/31/2021 \$146,632
19-1: Curved Integral Abutment Bridge Design	Adam Stockin, WSP E. Parkany K. Seeber Alex Bardow, MA DOT	PI is revising the Task 1 report. Alex Bardow is reviewing the survey to state bridge engineers.	3/31/2022 \$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 85% completed and is due by 12/31/20. Task 3 began in September and is expected to be completed by end of February 2021. Next project status meeting will be planned for mid-January.	2/28/2022 \$148,035
19-3: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Steel Beam Ends	Simos Gerasimidis, UMass Amherst N. Zavalas K. Seeber Alex Bardow, MA DOT	Task 1 is in progress. PI has received bridge inspection reports from all states. States are identifying potential near future bridge demolitions so UMass can test corroded beams.	3/31/23 \$179,995
20-1: In-Service Performance Evaluation of NETC Bridge Railings	TBD D. Peabody K. Seeber Jeff Folsum, ME DOT	RoadSafe LLC conditionally awarded. Award notifications letters to be sent 11/16/20. ME will begin contract negotiations.	TBD \$120,000

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)	TBD A. Scholz M. Tran Susan Klasen, NH DOT	UMass Lowell conditionally awarded. Award notifications letters have been sent. ME is in contract negotiations.	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	AECOM Technical Services Inc. conditionally awarded. Award notifications letters have been sent. ME is in contract negotiations.	TBD \$175,000
20-4: New England Connected and Automated Vehicle Legal and Regulatory Assessment	TBD E. Parkany/N. Zavalas K. Seeber Daniel Sullivan, MA DOT	Stantec Consulting Services, Inc. conditionally awarded. Award notifications letters have been sent. ME is in contract negotiations.	TBD \$100,000
Re-creating NETC	Kirsten Seeber/Chris Kline, CTC & Associates A. Scholz K. Seeber A. Scholz	CTC revised surveys for Tasks 2 (Managers and SMEs) and 3 (Research Consortiums), which are out to the TAAC for review and feedback. Task 2 surveys feedback and distribution lists are due 11/18/20. Task 3 survey feedback is due 11/20/20.	8/12/21 \$50,000

2) Implementation - Closeout webinars for closed projects

- 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
- All webinar recordings/presentations can be found on the project pages or [here](#).

3) Research Problem Statement Solicitation

- Schedule
 - ~ 11/8/20 - Email solicitation sent to NETC distribution list
 - Approximately 30% open rate, 101 opens
 - Resend to those who didn't open it? When?
 - ~ January 22, 2021 – Statements due; Eleven-week timeframe
 - ~ Early February 2021 – Kirsten sends list of projects to AC for review and ranking
 - ~ March 2021 – Projects selected by the AC (virtual meeting)

4) NETC Website Refresh

- Site is live. CTC will continue to update the site.
- Kirsten will present a list of further questions/topics for the AC to consider at the December 15th meeting.

5) Symposium – Ideas

- AC will decide on holding a virtual Symposium in summer of 2021 after the TRB Annual Meeting in January 2021.

6) Other Business

- 2021 meeting schedule – Continue with the fourth Tuesday of the month from 11:00am – 12:30pm ET?

7) Adjourn

Next meeting: December 15, 2020 from 11:00am – 12:30pm