



New England Transportation Consortium

NETC Advisory Committee Meeting Agenda

DATE: Tuesday, June 23, 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) Andrew Mroczkowski, Research Unit, ConnDOT

- Andrew is a new Advisory Committee member.

2) Open Project Review (June 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	This project is complete.	6/1/20 \$230,244
18-2: Framework of Asphalt Balanced Mix Design for NE Agencies	Wala Mogawer, UMass Dartmouth A. Scholz M. Tran Joseph Blair, NH DOT	Tasks 3 is near completion. Tasks 4- 5 are in progress. A project update status meeting was held on 6/5/20. The PI presented survey results to the group. Casey Nash (ME) replaced Derek Nener-Plante on the TC. Project is on track.	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 was held on 5/27/20. Project is on track.	3/31/2021 \$146,632
19-1: Curved Integral Abutment Bridge Design	Adam Stockin, WSP E. Parkany K. Seeber Alex Bardow, MA DOT	WSP sent a revised proposal for an additional task of instrumenting/monitoring one VT bridge on 6/22/20. CTC sent the proposal to the TC and AC DOT members with a due date for comments on 6/29/20.	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 1 is completed. Task 2 is in progress. A project update meeting was held on 5/20/20. Project is on track.	6/30/2022 \$148,035
19-3: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Steel Beam Ends	TBD N. Zavalas K. Seeber Alex Bardow, MA DOT	The contract should be going through ME's pre-audit in the Contracts Office soon.	TBD \$180,000

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 Folsom, ME DOT	The TC has five members. MA does not have a representative. The SOW review meeting is scheduled for 6/23/20.	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	This project has a full TC. The SOW review meeting is scheduled for 7/8/20.	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	The TC has five members. RI does not have a representative. The SOW review meeting scheduled for 6/25/20.	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 second SOW review meeting was held on 6/11/20. Daniel Sullivan is revising the SOW based on additional TC comments. The final SOW review and approval will happen via email.	TBD \$100,000
Creating an NETC that Works		Funds have been set aside should the AC want to move forward with this effort.	TBD \$50,000

3) Financial Update

- See pages 4 and 5 for latest financial update.

4) NETC newsletter – Brian Hirt (CTC & Associates)

- The group discussed sending out a monthly/bi-monthly newsletter to the NETC distribution list that would feature NETC-related activities, as well as links to research activities at the member agencies.
- Brian Hirt will talk to the AC about various options and how CTC can assist with this effort.

5) Implementation - Closeout webinars for closed projects

- 18-1: [Development of MASH Computer Simulated Steel Bridge Rail and Transition Details](#)
~ Webinar is scheduled for 7/16/20 from 10:00-10:45am ET. Kirsten will send invitation to the NETC distribution list this week.
- 15-4: [Quick Response Project: Optimizing Quality Assurance \(QA\) Processes for Asphalt Pavement Construction in the Northeast](#)
~ Holdover item from 5/26/20 AC meeting. Further discussion?
- All webinar recordings/presentations can be found on the project pages or [here](#).

6) Off-cycle Projects

- Does this topic feed into the bigger Creating an NETC that Works effort? Or would the AC prefer to address this separately and have CTC develop a process now?

- The AC planned to set aside time at the RI Research Peer Exchange to discuss the Creating an NETC that Works effort? Is the peer exchange, and the discussion, still occurring later this summer/early fall? Does the AC want to set aside other time to delve into this topic?

7) NETC Website Refresh

- CTC's webmaster is working on the new theme and suggested changes. CTC will present more details at the July AC meeting.

8) Symposium – Check in

- Transportation Infrastructure Durability Center conference scheduled for August 12th & 13th.
 - ~ Are DOT folks attending this? There was a discussion at the 12/17/19 AC meeting that the TIDC annual meeting might be similar to an NETC Symposium. Would this conference impact a potential NETC Symposium in 2021?
- In-person event or virtual?
 - ~ In-person event – Planning will need to begin in late fall (Oct/Nov). A virtual event could be planned in early 2021.
 - ~ Virtual – Zoom offers virtual breakout rooms. CTC will check to see if GoToMeeting has a similar option.

9) Other Business

- NEMTEM and other potential SME meetings – Would any meetings be occurring in 2020? Since folks would probably not be traveling, would the groups need assistance from CTC with a virtual meeting?

10) Adjourn

Next meeting: July 28, 2020 from 11:00am – Noon ET

Fund Transfers

TOTALS

Date	From	Amount
1/18/2018	RI	\$ 100,000
1/19/2018	VT	\$ 100,000
2/6/2018	NH	\$ 100,000
3/1/2018	CT	\$ 100,000
3/12/2018	MA	\$ 100,000
7/19/2018	VT	\$ 30,716
8/6/2018	VT	\$ 36,096
8/17/2018	NH	\$ 30,716
8/30/2018	RI	\$ 28,196
11/28/2018	CT	\$ 36,532
2/11/2019	CT	\$ 100,000
2/28/2019	VT	\$ 100,000
3/18/2019	NH	\$ 100,000
7/12/2019	MA	\$ 137,744
8/15/2019	CT	\$ 100,000
8/16/2019	RI	\$ 100,000
1/9/2020	VT	\$ 100,000
1/30/2020	NH	\$ 100,000
2/5/2020	MA	\$ 100,000
	ME	\$ 100,000
	ME	\$ 100,000
	ME	\$ 100,000
		\$ 1,900,000

FFY	Date of Transfer	FY of Funds	Transferred To	Fund Source	Transferred From	Study	Amount
FFY2018	1/18/2018	2016	ME	Z560	RI	TPF5(373)	100,000.00
	1/19/2018	2018	ME	Z560	VT	TPF5(373)	100,000.00
	2/6/2018	2018	ME	Z560	NH	TPF5(373)	100,000.00
	3/1/2018	2016	ME	Z560	CT	TPF5(373)	100,000.00
	3/12/2018	2016	ME	Z560	MA	TPF5(373)	100,000.00
	7/19/2018	2014	ME	M560	VT	TPF5(373)	30,716.00
	8/6/2018	2014	ME	M560	VT	TPF5(373)	36,096.00
	8/17/2018	2014	ME	M560	NH	TPF5(373)	30,716.00
	8/30/2018	2014	ME	M560	RI	TPF5(373)	28,196.00
	11/28/2018	2014	ME	M560	CT	TPF5(373)	36,532.00
FFY2019	2/11/2019	2018	ME	Z560	CT	TPF5(373)	100,000.00
	2/28/2019	2019	ME	Z560	VT	TPF5(373)	100,000.00
	3/18/2019	2019	ME	Z560	NH	TPF5(373)	100,000.00
	7/12/2019	2019	ME	Z560	MA	TPF5(373)	137,744.00
	8/15/2019	2019	ME	Z560	CT	TPF5(373)	100,000.00
	8/16/2019	2018	ME	Z560	RI	TPF5(373)	100,000.00
	1/9/2020	2020	ME	Z560	VT	TPF5(373)	100,000.00
FFY2020	1/30/2020	2020	ME	Z560	NH	TPF5(373)	100,000.00
	2/5/2020	2019	ME	Z560	MA	TPF5(373)	100,000.00
							1,600,000.00