



New England Transportation Consortium

NETC Advisory Committee Meeting Notes

DATE: Tuesday, June 25, 2019, 11:00am – 12:00pm EST

LOCATION: Conference Call – 608-721-7576 (Access Code: 1930608)

In Attendance:

Chris Jolly, FHWA	Greg Rowangould, UVM
Matt Mann, UMass	Kirsten Seeber, CTC & Associates
Lily Oliver, MassDOT	Maina Tran, CTC & Associates
Emily Parkany, VTrans	Nicholas Zavalas, MassDOT
Flavia Pereira, CT DOT	

AGENDA

Open Project Review (June 2019)

Project # and Title	PI, University <i>AC Liaison</i>	Update	End Date
18-1: Development of MASH Computer Simulated Steel Bridge Rail & Transition Details	Chuck Plaxico, Malcom Ray, Roadsafe LLC <i>D. Peabody</i>	The next TAC meeting is on 6/27/19. Tasks 1-5 are complete. Task 6 is 80% complete and Task 7 is 20% complete. The TC held a separate meeting to review FHWA's feedback on ME's process for determining crashworthy bridge rail.	6/1/20
18-2: Framework of Asphalt Balanced Mix Design for NE Agencies	Walaa Mogawer, UMass Dartmouth <i>A. Scholz</i>	Task 1 is in progress. The next TC meeting will be scheduled for mid-to-late August.	6/30/20
18-3: Integration of Unmanned Aircraft Systems into State DOTs	Jon Gustafson, WSP <i>E. Parkany</i>	The kickoff meeting was held on 5/29/19. Task one is in progress.	3/31/2021
18-4: Quick Response: ICNet Workshop	Daniel, UNH <i>A. Scholz</i>	CTC has received six invoices from UNH.	10/14/19
19-1: Curved Integral Abutment Bridge Design	TBD Emily Parkany	The initial SOW review meeting was held on 6/13/19. The TC is currently reviewing the revised SOW via email. The goal is to finalize the SOW and send to MaineDOT before 7/4/19.	
19-2: Multi-Scale Multi-Season Land-Based Erosion Modeling and Monitoring for Infrastructure Management	TBD Ann Scholz	The initial SOW review meeting was held on 6/5/19. The TC did not get through the entire SOW. The second SOW review meeting is scheduled for 6/27/19. The goal is to finalize the SOW and send to MaineDOT before 7/4/19.	

Discussion

- 18-1 - ME will continue using crash reports and 18-1 simulation results to determine crash readiness. MA is conducting crash test with TTI. If the states decide that crash testing is needed, they may ask for funding.
- 18-3 – Emily is excited about this project because it will be a comprehensive project that will look at drone use at all NE states.
- 18-4 – Ann sent four needs statements to Emily from the ICNet workshop. What should the follow up be on these statements? Could they end up being NCHRP projects? A champion from a TRB or AASHTO committee would be needed.
 - ~ **Action item:** Kirsten will follow up with Jo Sias about the needs statements and what thoughts the workshop planners have on the direction of them.
- 19-1 and 19-2 – These projects should begin at the end of 2019 or early 2020. ME’s RFP and contracting processes take about six months.

2) NETC Fund Balance Update

- TPF-5(222)
 - ~ CT and RI have leftover travel funds, \$19,021.02 and \$12,593.53 respectively.
 - ~ NETC “unallocated” balance - \$207,127.79.
 - ~ Chris Jolly – FHWA wants to close out TPF-5(222) and redistribute money back to the states. All invoices have been paid. FHWA will do the final accounting and transfer funds back to states.
 - CT and RI will be getting their leftover travel funds. Minus that, \$207,127.79k will be going back to the states.
 - (a) Flavia - Will the travel funds be a single transfer with the returned funds from TPF-5(222)? She would prefer separate transfers for the two sets of funds. This will make it easier to transfer only the returned funds, and not the travel funds, to ME. Chris – They can do two transfers.
 - Once the money goes back to the states, the money can be used for whatever the states choose. Is the expectation that the money will go to the current pooled fund, TPF-5(373)? The states will decide on their own.
 - (a) Emily – VT will send the returned funds to ME.
 - (b) Flavia – CT has transferred returned funds to the current study in the past and will do it this time around.
 - (c) Lily – Once they know how much they are getting back, MA will would add to next year’s commitment on the TPF website and transfer returned funds to ME.
 - (d) **Action item:** We will ask Dale and Ann their plans for the returned funds at the July AC meeting.
- TPF-5(373)
 - ~ Total commitments received - \$1,7000,000
 - Lily is checking to see if MA’s transfer has been started/completed. It was not listed on the 6/6/19 Funding Transfer Request spreadsheet on the TPF website. **Action item:** Lily will resubmit their transfer request.
 - RI’s status – Dale and Ann were going to draft an email for the NH Assistant Commissioner to send to RI regarding their status with the pooled fund. **Action item:** We will follow up with Dale and Ann at the July AC meeting.
 - ~ Total funds available - \$1,262,256
 - ~ Total current contract amount - \$607,387

- Expenditures through 6/25/19 - \$204,372.28
- ~ Estimated future expenses - \$400,000
 - CTC contract - \$100,000
 - NETC 19-1 - \$150,000
 - NETC 19-2 - \$150,000
- ~ Current balance after expenditures - \$1,057,883.72
- ~ Unallocated balance (Total funds available minus current contracts and future expenses) - **\$254,869**

3) SOW Template

- Kirsten incorporated the AC's comments/changes into the SOW template and sent it back out to the group for one more review. Kirsten and Maina are using the new SOW template for the 19 series projects.

4) Implementation of NETC projects

- NETC QRP 17-1: New England Connected and Autonomous Vehicles – The NE Connected and Automated Vehicle (NECAV) Coordination Group, an outgrowth of this project, has a completed Vision, Mission, Goals and Actions document (page 4 of the June 2019 agenda). The group has representatives from all six NE states. The group is currently prioritizing projects and will next work on resources.
 - ~ History – This group was started through NETC QRP 17-1, funded at \$50,000. The project's purpose was to have a consultant to create a roadmap and hold one face-to-face meeting for the NE states. The group had two additional in-person meetings and phone calls. The group is currently not funded. The I-95 Coord Coalition is helping with facilitation. The group won't need money until they select a project.
 - ~ Emily – The group met face-to-face two weeks ago. There is a lot of interest in six new projects (out of 11 total projects). They would like to do another NETC Quick Response \$50,000 project. Dale told them they could submit a problem statement during the next round. The group will rank their six projects.

Discussion

- Ann sent an Implementation spreadsheet to the group on 5/28/19. CTC will use this as a basis for an Implementation spreadsheet for NETC projects. **Action item:** CTC will send a draft spreadsheet for the AC's review soon.

5) June 2019 NETC Symposium – Follow up

- About 80 folks attended the Symposium on 6/19/19 in Concord. We received good feedback from the live satisfaction poll. CTC is doing follow-up work such as compiling notes and gathering presentation slides. A debrief meeting is to be scheduled for the week after July 4. The group will review the outcomes of the NETC problem statements discussions.

Discussion

- We received positive feedback on the Symposium and the venue during the live feedback survey at the end of the day.
- **Action item:** CTC will compile notes and get presentation slides from the presenters.
- We will schedule a debrief meeting for the working group to discuss the new projects, lessons learned and what to do with the materials.
 - ~ **Action item:** CTC will figure out the total cost of the Symposium, including expense and hours and present this at the debrief meeting. Emily – The leftover funds from TPF-5(222)

could fund a Symposium for the next four years. This would be a good justification for why folks would transfer their returned funds to ME.

6) NETC Poster at AASHTO RAC Summer Meeting – July 22-25, 2019 – Santa Fe, NM

- The NETC poster was on display at the Symposium. Ann Scholz has the poster at NHDOT. A second poster will be printed and shipped to Brian Hirt, CTC & Associates, who will be attending the RAC meeting. Ann, Dale and Emily will be staffing the poster at the meeting.

7) Website refresh

- Add a “Join Our Mailing List” button to the home page.
- Matt Mann – Add a page that lists equipment from NETC projects that is available for researchers to borrow/use.
 - ~ NETC 14-2 – Acoustic sensor and infrared camera equipment.
- **Action item:** CTC will create a list of suggestions for the AC to review in July.

8) Other Business

- New UConn representative – Alex Bernier is replacing Eric Jackson.
- New UVM representative – Greg Rowangould is replacing Eshan Ghazanfari
 - ~ Greg – He moved from NM but is from NH and lived in ME.

9) Adjourn

Next meeting: July 31st from 1-2pm EST.