



# New England Transportation Consortium

## NETC Advisory Committee Meeting Notes

**DATE:** Tuesday, May 28, 2019, 11:00am – 12:00pm EST

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

### In Attendance:

Eric Jackson, UConn	Flavia Pereira, CT DOT
Matt Mann, UMass	Ann Scholz, NHDOT
Dee Nash, NHDOT	Kirsten Seeber, CTC & Associates
Lily Oliver, MassDOT	Maina Tran, CTC & Associates
Emily Parkany, VTrans	Nicholas Zavalas, MassDOT
Dale Peabody, MaineDOT	

### AGENDA

#### Open Project Review (May 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>	TAC meeting held on 5/23/19. Tasks 1-5 are complete. Task 6 is 80% complete and Task 7 is 20% complete.	6/1/20
18-2: Framework of Asphalt Balanced Mix Design for NE Agencies	Walaa Mogawer, UMass Dartmouth <i>A. Scholz</i>	Research team is working on Task I. The survey was finalized and has been distributed with a deadline of 6/1/19. Task one due mid-Aug.	6/30/20
18-3: Integration of Unmanned Aircraft Systems into State DOTs	PI TBD <i>E. Parkany</i>	Kickoff meeting is set for 5/29/19.	TBD
18-4: Quick Response: ICNet Workshop	Daniel, UNH <i>A. Scholz</i>	CTC has received five invoices from UNH.	10/14/19
19-1: Curved Integral Abutment Bridge Design	TBD <i>E. Parkany</i>	Nicholas Zavalas reviewed the Scope of Work. Alex Bardow (TC chair) is currently reviewing the SOW. CTC has approached RI about a TC rep but has not received any interest. CTC is scheduling the first TC meeting to review the SOW.	TBD
19-2: Erosion Modeling	TBD <i>A. Scholz</i>	Ann Scholz and Neil Olson (TC chair) reviewed and revised the SOW. The first TC meeting to review the SOW is set for 6/5/19. CTC is still looking for an RI rep.	TBD

#### Discussion

- 18-1 – Maine received feedback on FHWA on what is acceptable for testing. There will be a separate meeting for the TC to discuss specifics for their states.
- 18-1 – The survey is being distributed to the NE state DOTs and SMEs.

- 18-4 – They are currently generating the final report and producing the list of research needs generated from the workshop. The results may be presented at the NETC Symposium. Ann will follow up with Lee to get the list of research needs and see if someone can speak about the ICNet workshop at the Symposium.
- 19-1 – Nicholas and Alex are meeting this week to review the revised SOW. Emily will get the SOW this week to review.
- 19-2 – Dee will be attending the SOW review meeting in place of Ann. Ann would like to make sure the new SOW template is included in the review.

## 1) NETC Fund Balance Update

- TPF-5(222)
  - ~ CT and RI have left over travel funds, \$19,021.02 and \$12,593.53 respectively.
  - ~ NETC “unallocated” balance as of February 22, 2019 - \$115,057.
- TPF-5(373)
  - ~ Funds spent - \$131,697
    - NETC Coordination (CTC & Associates) - \$44,186
    - 18-1 (Roadsafe LLC) - \$87,510
  - ~ Total commitments received - \$1,700,000 –
  - ~ Total funds available - \$1,162,256
    - What FFY19 funds have been received? – CT, ME, NH, VT
    - Will RI be contributing? Dale hasn’t been able to get information from them. We will assume they will not be contributing for FFY19.
      - (a) NETC should know RIDOT’s status one way or another. If they are not participating, that will be \$100k less that can be used on research. Attempts have been made to fill Rhode Island TC positions, but CTC won’t but much more effort towards filling those positions on the 19 series projects.
      - (b) Ann asked if there is a policy to withdraw from the consortium. RI should provide it in writing. **Action Item:** Ann will work with Dale to draft a letter for the NH DOT Assistant Commissioner to forward to a contact at RIDOT.
  - ~ Lily will track down the transfer from MA.

## 2) Implementation of NETC projects

### Closeout webinars – Should they be part a project deliverable going forward?

#### Discussion

- Everyone likes the idea and agrees it should be required for the 19 series projects. CTC can ask the 18 series project PIs to conduct closeout webinars, but it is not a requirement since it was not in their contracts.
- Closeout webinars will be distributed by AC members and CTC will distribute via the NETC mailing list.
- A closeout webinar will be produced after the final report is completed. It will be the responsibility of TC members and PI to work together on the webinar. CTC will help coordinate the live webinar which will have a Q&A session.
- Webinars can be posted on each project page. CTC can also create a webinars page so that all videos are together in one spot. We can also create a YouTube account.

- ~ **Action item:** CTC will reach out to the PIs of recently closed (from January 2019) NETC projects to determine if they are willing to conduct a closeout webinar this fall. The PIs will not be compensated for the webinar.

### **Implementation activities for closed NETC projects**

#### **Discussion**

- Ann reached out to NHDOT TC members of closed NETC projects to ask about implementation activities feedback. She received several responses. She will share with the AC members and others can also do the same thing. **Action item:** CTC will create a central spreadsheet for all NETC-related implementation activities.

#### **3) Scope of Work Template – Status**

- Kirsten will take everyone's comments and get out a revised SOW Template by the end of day Wednesday, May 29th.

#### **4) June 2019 NETC Symposium**

- A planning meeting was held on May 21 and another is slated for June 3. Registration was opened to non-State DOT attendees such as Universities and the federal government. The agenda has been refined. Non-state attendees can participate in the Future Needs Ideas session. Registration totals about 60 attendees so far. There are about 15 poster ideas submitted as of 5/24.
- Two projects below being discussed at the Symposium. Emily suggested that the topic groups discussing these projects should consider the funding amount. Can they be done for less?
  - ~ N19MA5: Characterizing Asphalt Binders with Warm Mix Asphalt Technologies for use in New England - \$250,000
  - ~ N19MA6: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Steel Beam Ends - \$200,000

#### **Discussion**

- N19MA6 - This project will be discussed at the Symposium. The project will be on hold until 2020, pending the results of the two related projects currently being conducted in CT and MA.
  - ~ Lily – The SMEs will be able to provide better input on this problem statement since they are more familiar with the topic, especially considering the current results from CT and MA.
- Dale – The unallocated balance for an additional 19 series project will be around \$150k. This is after paying CTC's contract, with no RI DOT contribution (of \$100k), and spending \$150k on the other two 19 series projects. Therefore, we have enough funds for one project of no more than \$150k.
- Should the funding amount for the four NETC projects be discussed at the symposium? Yes. The average funding amount for a project is \$150k. Two projects (N19MA5 and N19MA6) are over that amount. The topic groups should discuss if the projects can be executed for \$150k. The project champions/PIs do not need to be informed ahead of time that the funding amount has changed.
- Dale thought the objective of discussing the four projects at the Symposium was to have the SMEs discuss the problem statements as written, provide feedback on if they need to be modified and say if they can be done for \$150k.

- **Action item:** Maina will send the materials-related problem statements to the Materials attendees before the Symposium, so they get a chance to review it. John Grieco also requested this.
- MA will bring a poster for the bridge loading project. If the PI wants to attend to staff the poster, he will have to pay as a non-State attendee. The PI will **not** be at the discussion the states will have about N19MA6: Experimental Validation of New Improved Load Rating Procedures for Deteriorated Steel Beam Ends.
- Ann announced that the NH DOT assistant commissioner agreed to give opening remarks at the Symposium.
- **Action item:** Maina will display 19 series project fact sheets at the NETC table at the Symposium.

#### 5) Ideas for website refresh

- Add a “Join Our Mailing List” button to the home page.
- Matt – 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, after the Symposium.

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

- CTC has created a draft poster that will be sent to the Advisory Committee for review and comment by the end of this week.

#### 7) Other Business

#### 8) Adjourn

#### Next meetings:

- **NETC Symposium, June 19, 2019, Concord, NH**
- **Tuesday, June 25, 2019, from 11am – Noon EST**