

**NEW ENGLAND TRANSPORTATION CONSORTIUM  
QUARTERLY PROJECT PROGRESS REPORT**

**A. PROJECT NUMBER AND TITLE: NETC QR15-4**

**B. PRINCIPAL INVESTIGATOR(s) & UNIVERSITY(s):** Jo Sias Daniel, University of New Hampshire

**C. WEB SITE ADDRESS (If one exists):** none

**D. START DATE (Per NETC Agreement):** 7/5/2018

**E. END DATE (Per NETC Agreement):** 1/4/2019

**F. ANTICIPATED COMPLETION DATE:** 1/4/2019

**G. PROJECT OBJECTIVES:**

1. Review current asphalt pavement QA processes used by each state through interviews and literature review.
2. Identify best practices by working with agencies and contractors.
3. Identify cross-border issues that may impact the implementation of a uniform QA process and determine actions to alleviate these issues.
4. Develop recommendations for use of the research products in the NETTCP QA technology program.
5. Develop a white paper that provides guidance and an initial roadmap for uniform QA processes regarding HMA Acceptance and Quality Control testing in New England

**H. REPORT PERIOD:** 7/5/2018 – 9/30/2018

**I. ACCOMPLISHMENTS THIS PERIOD:**

The focus of the work in this quarter was on reviewing of the current state of the practice of QA for asphalt pavement construction in the northeast, including current FHWA recommendations and requirements. The research team conducted a survey of NETC member agencies to identify the cross-border issues that may be a challenge to the adoption of a uniform QA process. The response of the survey were analyzed and compiled. The project kickoff meeting was held with the TAC to present and further discuss the results of the survey. Proceedings of the kickoff meeting were documented and made available to the TAC members with topics for internal agency discussion in preparation for the workshop. The research team has begun the process of scheduling the workshop for late October or early November.

**J. PROBLEMS ENCOUNTERED (If any):**

No significant problems were encountered during this quarter.

**K. TECHNOLOGY TRANSFER ACTIVITIES:**

No activity to report.

**L. STATUS BY TASK:**

**Task 1: State of the Practice and Literature Review:** The review of the state of practice from literature review, surveys, and follow up interviews was compiled and presented in the kick-off meeting. This task is complete.

**Task 2: Kick-Off Meeting:** The kick-off meeting was held in which the cross-border issues were identified and briefly discussed. A summary of the kick-off meeting was distributed to the TAC. This task is complete.

**Task 3: Cross-Border Issues: Challenges and Opportunities:** Based on the discussion during the kick-off meeting, a list of questions/topics that each individual agency should discuss internally prior to the workshop was developed and sent to the TAC. A survey of selected contractors is currently being prepared.

**Task 4: Roadmap of Actions and Workshop:** The research team is working in collaboration with NETC to schedule the workshop.

**Task 5: Draft Final Report, Readiness Evaluation, and Initial Roadmap:** No activity is reported

**Task 6: Presentation of Draft Final Report to Project Technical Advisory Committee:** No activity is reported

**Task 7: Final Report and Recommendations:** This quarterly report serves as the deliverable for the reported calendar quarter. No other activity is reported.

**M. PERCENT COMPLETION OF TOTAL PROJECT: 40%**

**N. ACTIVITIES PLANNED FOR NEXT QUARTER:**

- Survey selected asphalt contractors that work in multiple New England states.
- Organize and run a workshop to discuss cross-border challenges and possible approaches to address these challenge.
- Develop an initial roadmap and readiness evaluation for a regional QA process for asphalt pavement construction.
- Prepare draft final report.

**O. FINANCIAL STATUS:**

**As of:** 9/24/2018

**Total Project Budget:** \$49,999

**Total Estimated Expenditures:** \$21,736

**Note: This report should not require more than 2-3 pages & should be e-mailed to the NETC Coordinator so as to arrive no later than three (3) working days after the end of each calendar quarter.**