

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

A. PROJECT NUMBER AND TITLE: NETC 13-3

B. PRINCIPAL INVESTIGATOR(s) & UNIVERSITY(s): Eshan V. Dave, University of New Hampshire

C. WEB SITE ADDRESS (If one exists):

D. START DATE (Per NETC Agreement): 3/27/2015

E. END DATE (Per NETC Agreement): 4/2/2017

F. ANTICIPATED COMPLETION DATE: 12/31/2016

G. PROJECT OBJECTIVES:

- (1) Review of current QA process used by New England DOTs for precast and prestressed concrete elements (PCE/PSE).
- (2) Review of QA specifications for PCE/PSE.
- (3) On the basis of the review and through working with the technical review committee of the project, develop common acceptance standards for PCE/PSE to be used by NETC constituents.
- (4) Develop a cost-sharing mechanism to accompany the common acceptance standards.
- (5) Identify agencies and contractors to conduct pilot implementation of the common acceptance standards.
- (6) Develop a list of additional materials and services for which common acceptance standards might be beneficial and feasible.

H. REPORT PERIOD: 3/1/2016 – 6/30/2016

I. ACCOMPLISHMENTS THIS PERIOD:

There was limited progress during the second quarter for 2016. During majority of this quarter the project amendment process was underway for obtaining a no-cost extension. Two main activities that occurred during this quarter include: Revision of the task reports on basis of the meeting from March 3rd and continued development of spreadsheets that provides recommendations for various sampling and testing activities undertaken by producers and sampling and testing activities undertaken by agencies.

A revised Task-1 report that addresses comments and edits recommended by the technical committee.

J. PROBLEMS ENCOUNTERED (If any):

As indicated in the last quarterly report, the project was behind schedule. The project fell behind due to longer than anticipated time it took for researchers to coordinate visits to various DOTs for QA review and interviews. A no-cost extension (NCE) was submitted by the researchers on February 29th 2016 requesting the project end date to be extended to 30th September 2016. At the time of end of this quarter the amendment request has not been processed by NETC and revised contract has not been received by researchers.

K. TECHNOLOGY TRANSFER ACTIVITIES:

None.

L. STATUS BY TASK:

Task 1: State of the Practice Review: Revised report was edited and finalized.

Task 2: Development of Common Acceptance Standards for PCE/PSE: On basis of Task-1 activities preliminary recommendations for common acceptance standards were presented to the project review committee during the last quarter. Technical committee recommended that researchers develop spreadsheets that describe various agency activities for plant certification as well as for agency inspection process. During this quarter the initial version of spreadsheets were developed.

Task 3: Reporting and Technical Committee Meetings: This quarterly report will serve as the next submission.

M. PERCENT COMPLETION OF TOTAL PROJECT: 72.5 %

N. ACTIVITIES PLANNED FOR NEXT QUARTER:

- Refinement of plant certification and agency inspection spreadsheets
- Submission of the draft common acceptance standards for agencies to provide feedback
- Revision of the common acceptance standards on basis of agency feedback
- Selection of agencies and manufacturers for pilot implementation of common acceptance standards

O. FINANCIAL STATUS:

As of: 7/1/2016

Total Project Budget: \$ 100,000

Total Expenditures: \$ 48,000

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.