

**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: 4/30/2017

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: 1/1/2017 – 3/31/2017

I. ACCOMPLISHMENTS THIS PERIOD:

Revisions to the final report were made on basis of feedback from the project technical committee. Simultaneously Vermont Agency of Transportaiton (VAOT) established a Sharepoint file sharing site for all New England DOTs to share QA information for PCE/PSE in New England region.

J. PROBLEMS ENCOUNTERED (If any):

K. TECHNOLOGY TRANSFER ACTIVITIES:

A Share Point site has been setup by VAOT with a file directory structure set up in terms of various producers that manufacture PCE/PSE for New England agencies.

L. STATUS BY TASK:

Task 1: State of the Practice Review: Task completed in previous quarter no progress to report.

Task 2: Development of Common Acceptance Standards for PCE/PSE: Finalized recommendations have been prepared on basis of feedback from various agencies.

Task 3: Reporting and Technical Committee Meetings: This quarterly report will serve as the next submission. Final report is finalized and is being reformatted as per the NETC guidelines. Once the reformatting is complete, final report will be sent to NETC.

M. PERCENT COMPLETION OF TOTAL PROJECT: 95 %

N. ACTIVITIES PLANNED FOR NEXT QUARTER:

- Submission of the final report
- Selection of agencies and manufacturers for pilot implementation of common acceptance standards

O. FINANCIAL STATUS:

As of: 4/1/2017

Total Project Budget: \$ 100,000

Total Expenditures: \$ 70,900

Consultant on this project (Mr. Alan Perkins will invoice UNH in this quarter for his expenses on the study).

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.