

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

A. PROJECT NUMBER AND TITLE:

NETC 21-1 Quality Review and Assessment of Pavement Condition Survey Vehicle Data Across New England

B. PRINCIPAL INVESTIGATOR(s) & UNIVERSITY(s):

Gonzalo R. Rada, Ph.D., P.E., Wood E&IS

C. WEB SITE ADDRESS (If one exists):

www.woodplc.com

D. START DATE (Per NETC Agreement):

February 15, 2022

E. END DATE (Per NETC Agreement):

July 31, 2023

F. ANTICIPATED COMPLETION DATE:

July 31, 2023

G. PROJECT OBJECTIVES:

- To review the New England States' Data Quality Management Plans for pavement condition data.
- To summarize control sites used by the New England States with potential for inter-agency sharing.
- To develop recommendations for regional efficiencies in collection and analysis of QC/QA data for each of the participating transportation agencies.
- To develop or adapt forms and macros as "Best Practices" recommendations to assist states with data reporting requirements for compliance with FHWA approved DQMPs.

H. REPORT PERIOD:

February 15 to March 31, 2022

I. ACCOMPLISHMENTS THIS PERIOD:

- Prepared for and participated in project kick-off meeting held on March 03,2022
- Prepared and submitted information request to NETC members, plus sent information request reminders.
- Set-up MS Teams group for receiving information and for sharing information with NETC members.
- Received and reviewed information provided by NETC members.

- Summarized information on (1) key elements of the data QMPs prepared by the NETC, (2) control sites information for the NETC members, and (3) terminology input from the NETC members.
- Prepared for and participated in initial Wood internal meeting held on March 29, 2022 (Note: NETC members were invited to join, and several members attended the meeting).
- Began preparation of Task 1 report, which is expected to be completed by the early part of the upcoming reporting period.

J. PROBLEMS ENCOUNTERED (If any):

No problems to report to date.

K. TECHNOLOGY TRANSFER ACTIVITIES:

No technology transfer activities were performed during the reporting period, and none are anticipated for the next quarter.

L. STATUS BY TASK:

- Task 1 Review and analyze data QMPs – 95% complete: only preparation and submittal of Task 1 technical memorandum remains to be done.
- Task 2 Identify test site characteristics needed to establish precision and bias values for pavement metrics – 0% complete: work will commence during upcoming reporting period.
- Task 3 Develop guidelines for validating that equipment is producing sound data – 0% complete: work on this task is not anticipated to start until July 2022
- Task 4 Draft final report and technology transfer strategy and toolbox – 0% complete: work on this task is not anticipated to start until January 2023
- Task 5 Final report – 0% complete: work on this task is not anticipated to start until May 2023

M. PERCENT COMPLETION OF TOTAL PROJECT: 8.3 %

N. ACTIVITIES PLANNED FOR NEXT QUARTER:

- Completion of Task 1, including Task 1 report.
- Work on and make significant progress on Task 2 activities, including the identification of test site characteristics.

O. FINANCIAL STATUS:

As of:	April 01, 2022
Total Project Budget:	\$ <u>174,932</u>
Total Expenditures:	\$ <u>14,470</u>