

**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., WSP USA Environment & Infrastructure Inc.

C. WEB SITE ADDRESS (If one exists):

www.wsp.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:

April 1 to June 30, 2023.

I. ACCOMPLISHMENTS THIS PERIOD:

- Completed final version of the following project deliverables: report, poster, fact sheet, and scripted webinar presentation.
- Completed revised draft of control site selection guidelines and associated tool. These deliverables will be finalized in early July 2023.
- Prepared and submitted quarterly progress report covering the period of January 1 to March 31, 2022.
- Prepared and submitted monthly invoices for March, April and May 2023.

J. PROBLEMS ENCOUNTERED (If any):

No problems to report to date.

K. TECHNOLOGY TRANSFER ACTIVITIES:

The control site identification and selection guidelines and associated tool are key components to the project's technology transfer activities. In addition, the project team has completed the remaining technology transfer tools—one-page fact sheet, webinar presentation, and poster—as well as report. This information will be shared with the NETC member agencies via project webinar scheduled for July 18, 2023.

L. STATUS BY TASK:

- Task 1 Review and analyze data QMPs – 100% complete.
- Task 2 Identify test site characteristics needed to establish precision and bias values for pavement metrics – 100% complete.
- Task 3 Develop guidelines for validating that equipment is producing sound data – 100% complete.
- Task 4 Draft final report and technology transfer strategy and toolbox – 100% complete.
- Task 5 Final report – 90% complete: work on this task will be completed in July 2023. All project deliverables will be submitted before the end of July 2023, including the project webinar which is scheduled for July 18, 2023.

M. PERCENT COMPLETION OF TOTAL PROJECT: 95 %

N. ACTIVITIES PLANNED FOR NEXT QUARTER:

- Complete and submit final version of the project deliverables, including report, guidelines (plus tool), poster, fact sheet, scripted webinar presentation.
- Prepare and submit last quarterly progress report covering the April 1 to June 30, 2023 timeframe.
- Prepare and submit monthly invoices for June and July 2023.

O. FINANCIAL STATUS:

As of:	July 1, 2023
Total Project Budget:	\$ <u>174,932</u>
Total Expenditures:	\$ <u>163,918</u>