

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

A. PROJECT NUMBER AND TITLE:

NETC 19-1: Curved Integral Abutment Bridge Design Study

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

WSP USA Inc. & University of New Hampshire

C. WEB SITE ADDRESS (If one exists):

NA

D. START DATE (Per NETC Agreement):

2/12/2020

E. END DATE (Per NETC Agreement):

6/30/2021

F. ANTICIPATED COMPLETION DATE:

6/30/2022 (A NCTE will be executed this summer.)

*If different from the END DATE in paragraph E., the reason must be given. It is the responsibility of the Principal Investigator to insure that the project, including review of the draft report by the Project Technical Committee and the printing of the Final Report, is completed prior to the Agreement End Date. Costs incurred after the Agreement End Date cannot be reimbursed. **Requests for extensions of the Agreement End Date must contain the reasons for the request and be submitted so as to arrive in the Coordinator's office at least 90 days prior to the Agreement End Date.***

G. PROJECT OBJECTIVES:

This project's objective is to develop guidelines for the designing of Curved Integral Abutment Bridges. These guidelines should provide recommendations for span length, total bridge length, and degree of curvature and skew, with modeling recommendations for designs that are consistent with current AASHTO LRFD Bridge Design Specifications.

H. REPORT PERIOD:

Quarter 1 2020 (January – March)

I. ACCOMPLISHMENTS THIS PERIOD:

A kickoff meeting was held March 13, 2020. Based on this call, a scope amendment has been submitted for a new task comprised of load testing and field monitoring on an existing curved integral abutment bridge. The committee is reviewing the proposal and will decide in May whether to approve the additional work.

J. PROBLEMS ENCOUNTERED (If any):

None

K. TECHNOLOGY TRANSFER ACTIVITIES: *List any reports, papers, presentations published/presented during the report period or anticipated for the next quarter.*

Nothing at this time.

L. STATUS BY TASK: *Show Work Task Number, description and % complete for each task including those completed, those underway, and those not started.*

0	Project Management	5%
1	Review of Existing Structures	10%
2	Finite Element Studies	0%
3	Design Guidelines	0%
4	Draft Final Report/Presentation	0%
5	Final Report	0%

M. PERCENT COMPLETION OF TOTAL PROJECT: 3%

N. ACTIVITIES PLANNED FOR NEXT QUARTER:

Continue literature review. If approved, performing load test on an existing CIAB.

O. FINANCIAL STATUS:

As of: 3/31/2020

Total Project Budget: \$151,315.47

Total Expenditures : \$2,678.27

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 ten (10) working days after the end of each calendar quarter.