

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

A. PROJECT NUMBER AND TITLE: NETC 17-02, Quick Response: Quantification of Research Benefits

B. PRINCIPAL INVESTIGATORS & ORGANIZATION:
Frank Gross, Ph.D., P.E; VHB

C. WEBSITE ADDRESS (if any):

D. START DATE: 07/16/2018

E. END DATE: 01/11/2019

F. ANTICIPATED COMPLETION DATE: 01/11/2019

G. PROJECT OBJECTIVES: The overall objectives of this research project are to implement or adapt the MnDOT tool for two to three NETC projects; and, develop detailed guidelines to identify and gather the inputs required for the benefit categories of those projects.

The research objectives will be achieved by accomplishing 5 tasks:

- Task 1. Kickoff meeting
- Task 2. Assessment of the MnDOT Tool
- Task 3. Gather inputs for the projects
- Task 4. Draft Final Deliverables
- Task 5. Final Deliverables

H. REPORT PERIOD: July–September 2018

I. ACCOMPLISHMENTS THIS PERIOD:

Task 1: Kickoff meeting

- Prepared and held the Kickoff meeting on July 16, 2018.
- Submitted kickoff meeting summary on July 18, 2018.

Task 2: Assessment of the MnDOT Tool

- Performed and completed a comprehensive assessment of the MnDOT tool.

Task 3: Gather inputs for the projects

- Performed and completed an in-depth review of one example research project: NETC 09-03 Advanced Composite Materials in New England's Transportation Infrastructure: Design, Fabrication, and Installation of ACM Bridge Drain System.
- Gathered inputs to demonstrate the Excel-based tool with the example research.
- Scheduled an interim conference call with the TAC on October 1, 2018 to demonstrate the draft version of the tool and solicit comments/inputs from the TAC members.
- Prepared for the interim TAC meeting.

Task 4: Draft final deliverables

- Developed a draft version of the Excel-based tool for demonstration with one example research project.
- Gathered materials for draft guidelines for identifying and collecting inputs.
- Scheduled the final TAC meeting for December 18, 2018 to review all draft deliverables.

Task 5: Final deliverables

- No activity this quarter.

J. PROBLEMS ENCOUNTERED: None.

K. TECHNOLOGY TRANSFER ACTIVITIES: None.

L. STATUS BY TASK:

- Task 1. Kickoff meeting 100%
- Task 2. Assessment of the MnDOT Tool 100%
- Task 3. Gather inputs for the projects 40%
- Task 4. Draft Final Deliverables 10%
- Task 5. Final Deliverables 0%

M. PERCENT COMPLETION OF TOTAL PROJECT: 40%

N. ACTIVITIES PLANNED FOR NEXT QUARTER:

- Hold the interim TAC meeting on 10/1/2018 to demonstrate the draft tool (Task 3).
- Develop a summary of the meeting and deliver meeting notes to the TAC.
- Gather inputs for the second example project: NETC 09-3 Effective Establishment of Native Grasses on Roadsides in New England (Task 3).
- Demonstrate the Excel-based tool with the second example project (Task 4).
- Incorporate comments and suggestions from the TAC into the tool (Task 4).
- Continue to finetune and enhance the tool for both example projects and improve its usability and adaptability (Task 3 and Task 4).
- Develop the final draft tool, guidelines for identifying and collecting inputs, one-page factsheet, poster, and webinar (Task 4).
- Hold the final TAC meeting to review all draft final deliverables (Task 4).
- Address comments from the TAC on the draft deliverables (Task 5).
- Complete and submit all deliverables (Task 5).

O. FINANCIAL STATUS:

As of: September 30, 2018

Total Project Budget: \$ 50,000

Total Expenditures: \$ 20,000