**NEW ENGLAND TRANSPORTATION CONSORTIUM**

**RESEARCH PROBLEM STATEMENT**

**DUE to** netc@uvm.edu

**By January 15, 2018**

# I. PROBLEM TITLE

 *A suggested title in as few words as possible.*

# II. RESEARCH PROBLEM STATEMENT

 *A statement of the general problem or need. One or more paragraphs are*

 *sufficient.*

# III. RESEARCH OBJECTIVES

 *A clear and specific statement of the objectives that are to be met by the*

 *research necessary to adequately address the research problem*

 *described in the Research Problem Statement.*

# IV. ESTIMATE OF FUNDING NEEDED

 *An estimate of the funds necessary to accomplish the objectives stated in III. above.*

# V. RESEARCH PERIOD

 *An estimate of the number of months necessary to complete the project, including*

 *preparation of a Draft Final Report and its review by the NETC project Technical*

 *Committee (90 days), and the preparation and printing of the Final Report.*

# VI. URGENCY AND PAYOFF POTENTIAL

 *A description of the urgency of the need for this research in relation to the*

 *transportation needs of the six New England States and, if possible, the*

 *potential for payoff in benefit/cost terms.*

# VII. PRELIMINARY LITERATURE SEARCH

*To avoid duplicating research already published or in progress, the submitter of the Problem Statement will perform a quick literature search prior to submitting the Problem Statement and attach a summary of the results of the literature search to the Problem Statement. This literature search can be conducted by accessing the Transportation Research Board's 'TRID database available at* <https://trid.trb.org/>*. The TRID database contains information on completed research as well as research in progress.*

 Source of preliminary literature search *(check as appropriate):*  \_\_TRID \_\_RIP

 Other (*describe*):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Summary of preliminary literature search (how the subject of this Research

 Problem Statement would differ from or add to, existing Studies): \_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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# VIII. KEY WORDS TO BE USED FOR ADDITIONAL LITERATURE SEARCH

 *Provide the key words that can be used to conduct a search of the*

 *Transportation Research Board's electronic database (TRID) for completed,*

 *related research. To the maximum extent possible key words should be*

 *selected from the National Transportation Library’s Transportation*

*Research Thesaurus. The Thesaurus can be found at* [*http://trt.trb.org/trt.asp*](http://trt.trb.org/trt.asp)*.*

*TWO DOT ENDORSEMENTS ARE REQUIRED*

**IX. ENDORSEMENT BY THE SPONSORING DOT** *(To be signed* *by the DOT*

 *representative to the NETC Advisory Committee through whom the Problem*

 *Statement is submitted).*

 *By signing the endorsement, the DOT representative is certifying that:*

 *1. The Problem Statement follows the required format*

 *2. The required literature search has been conducted*

 *3. The Problem Statement addresses a transportation issue of relevance to NETC*

 *and does not duplicate another Problem Statement being submitted at this time.*

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 (Name) (DOT) (Date)

**X. ENDORSEMENT BY A DOT SPONSOR TO LEAD THE TAC** *(To be signed by a DOT lead with technical knowledge and commitment to the research outcome).*

DOT Technical Endorsement*: I agree to chair the NETC Technical Committee if this problem statement is selected.*

 *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_*

 *(Name) (DOT) (Date)*

*NOTE: To expedite the processing of Research Problem Statements,*

*NETC requires submittal by E-mail (*netc@uvm.edu*) by January 15, 2018.*