**NEW ENGLAND TRANSPORTATION CONSORTIUM**

[**RESEARCH PROBLEM STATEMENT**](https://www.newenglandtransportationconsortium.org/research/research-needs/) **FORMAT**

**Due to** [netc@ctcandassociates.com](mailto:netc@ctcandassociates.com) **by January 24, 2020**

# PROBLEM TITLE

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

# RESEARCH PROBLEM STATEMENT

*Clearly define the problem and provide sufficient evidence to support its importance to the New England region. The statement should discuss the gaps in current knowledge, literature, and studies that demonstrate the research need.*

# RESEARCH OBJECTIVES

*Define specific research objectives. These may be more specific than the broad need described in Section II. These should be project objectives (expected results) and not tasks or methodology.*

# COST ESTIMATE

*An estimate of the funds necessary to accomplish the objectives described in Section III.*

# RESEARCH PERIOD

*An estimate of the number of months necessary to complete the research. In addition, include preparation of a Draft and Final Report and its review by the NETC project Technical Committee (90 days).*

# 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. A discussion of the potential benefits to be derived from the anticipated research results i.e., time/cost savings, enhanced practice/performance, improved safety, other.*

# IMPLEMENTATION POTENTIAL

*To aid NETC in deciding whether to fund this project, describe:*

* *The intended DOT audience(s) for using the research products.*
* *Type of implementation anticipated as a result of the project (i.e. confirm existing, adopt new or eliminate current standards, specifications, processes, policies, regulations or drawings, GIS application).*
* *Activities to facilitate implementation (e.g. brochures, posters, exhibits at conferences, tech sheet summaries, webinars, presentations, training workshops, peer exchanges, pilot or demonstration project at host agency) to help create awareness and facilitate implementation of the research results.*
* *Anticipated barriers or constraints to implementation and ways to overcome them.*
* *Methods of tracking and measuring the impacts of implementation.*

***TWO DOT STAFF ENDORSEMENTS ARE REQUIRED*** (To be signed by separate individuals.)

# ENDORSEMENT BY THE SPONSORING DOT REPRESENTATIVE TO THE NETC ADVISORY COMMITTEE

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

1. *The Problem Statement follows the required format.*
2. *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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Signature Date

**ENDORSEMENT BY THE SPONSORING DOT PROBLEM STATEMENT AUTHOR/SUBMITTER**

*By signing the endorsement, the DOT Problem Statement author/submitter is certifying that:*

1. *I have technical knowledge of the project topic and will be committed to the research outcome.*
2. *I agree to serve as Chair of the project’s Technical Committee if this Research Problem Statement is selected for funding by NETC.*

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Signature\* Date

\*Attached email/correspondence may substitute signature

**NOTE: To expedite the processing of Research Problem Statements, NETC requires submittal by e-mail from signing Advisory Committee member to (**[netc@ctcandassociates.com](mailto:netc@ctcandassociates.com)**) by January 24, 2020.**