

Research Proposal Instructions

Problem Title (*required*) Concisely state the issue(s) to be investigated in the form of a question.

Problem Statement (*required*) Provide details on the problem to be investigated. Describe the background of the problem and explain the relevance to WSDOT. Include any associated questions that could be answered by the research.

Literature Search (*optional*) Summarize any research that has been conducted, or currently being conducted related to the research topic. At a minimum, an on-line search should be made to explore related research efforts. The SRTC in many cases will be able to assist with the literature search.

Research Methods (*optional*) Describe your ideas about how the research topic could be investigated. This will vary among research topics, but may include issues such as: construction needs or site selection criteria; whether the study will be laboratory or field based; sample collection methods, field or laboratory measurement, and/or data analysis.

Partnering Opportunities (*required*) Describe the potential for other entities to provide funds and/or assistance in the research effort.

Estimate of Costs and Research Duration (*optional*) Include a preliminary estimate of cost and duration to complete the research project. If the research is seasonal in nature, include that information.

Urgency, Payoff Potential, and Implementation (*required*) Describe whether there is an urgent need for the research. Describe the potential use and benefit to WSDOT of the expected research results (e.g., cost-savings, more efficient operations, revision to Highway Runoff Manual or standard specifications/plans).

Research Proposer (required)

- Name:
- Office:
- Phone Number:
- Email Address:

Research Proposal

Problem Title (*required*)

Problem Statement (*required*)

Literature Search (*optional*)

Research Methods (*optional*)

Partnering Opportunities (*required*)

Estimate of Costs and Research Duration (*optional*)

Urgency, Payoff Potential, and Implementation (*required*)

Research Proposer (*required*)

- Name:
- Office:
- Phone Number:
- Email Address: