# Problem Statement Solicitation [Detailed Form]

1. **Project Title**

*Please supply a succinct and appropriate name to the proposed problem.*

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1. **Problem Statement**

*Please describe the proposed problem to be addressed and how it impacts research, education, workforce development, and technology transfer.*

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**2a. Research Theme**

*Please check applicable research themes that the problem statement addresses.*

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|  |  | Enhancing Durability and Service Life of Infrastructure |
|  |  | Preserving Existing Transportation Systems |
|  |  | Preserving the Environment |
|  |  | Addressing Region 6 Transportation Needs |

**2b. Relevance to Tran-SET’s Vision and Mission**

*Please describe how the problem statement aids in achieving Tran-SET’s Vision and Mission.*

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**2c. Impacts on Regional Priorities**

*Please describe the potential impacts the problem statement has on regional (Region 6) priorities.*

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**3. Technical Objectives and Research Methodology**

*Please describe the suggested approach to solve the problem.*

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**3. Technical Objectives and Research Methodology (cont.)**

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**4. Expected Deliverables**

*Please describe the project outputs (e.g., technical paper, report, product, software, etc.).*

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**5. Potential Implementation and Benefits**

*Please describe how the results of the study will be implemented and the expected benefits for the transportation community. Statements with a significant implementation potential will be prioritized. Please address each subsection.*

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| Overall |
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| Intellectual Merit |
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| Workforce Development |
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| Supporting Outreach Activities |
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| Education |
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**6. Submitter Information**

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| **Element** | **Information** |
| Name of Submitter |  |
| Affiliation of Submitter |  |
| Phone # of Submitter |  |
| E-mail of Submitter |  |
| Date Submitted |  |