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DOT SBIR Phase I Proposal – (Title of Project)

**Identification and Significance of the Problem or Opportunity**

**Commented [1]:** State the specific technical problem or innovative research opportunity addressed and its potential benefit to the national transportation system.

**Phase I Technical Objectives**

Essentially, why is your innovation interesting to the funding agency and what problem will you address. How does not addressing the problem affect the U.S.?

**Phase I Work Plan**

**Commented [2]:** State the specific objectives of the Phase I R/R&D effort; including the technical question(s) the research seeks to answer to determine the feasibility of the proposed approach

**Related Research or R&D**

**Commented [3]:** Describe the Phase I R/R&D plan. The plan shall indicate what will be done, where it will be done, when it will be done, and how the R/R&D will be managed or directed and carried out. Phase I R/R&D shall address the objectives and the question(s) cited above in No. 2. Discuss in detail the methods

**Key Personnel and Bibliography of Directly Related Work**

**Commented [4]:** Describe significant R/R&D that is directly related to the offer including any R/R&D conducted by the project manager/principal investigator or by the proposing firm. Describe how related research affects the proposed effort, and any planned

**Relationship with Future Research and Development**

**Commented [5]:** Identify key personnel involved in Phase I including related education, experience, and bibliographic information. Where vitae are extensive, summaries that focus on the most relevant experience or publications are desired and may be necessary to

**Facilities**

**Commented [6]:** State the anticipated results of the proposed approach if the project is successful (Phase I and Phase II). Discuss the significance of the Phase I effort in providing a foundation for a Phase II R/R&D effort

**Subcontractors/Consultants**

**Commented [7]:** Provide a detailed description of the availability and location of instrumentation and physical facilities proposed for Phase I.

**Potential Post Applications**

**Commented [8]:** Involvement of consultants in the planning and research stages of the project is permitted. Describe any intended involvement in detail. For Phase I, a maximum of one-third of the research or analytical effort, measured in total contract dollars

**Similar Offers and/or Awards**

**Commented [9]:** Briefly describe whether and how the proposed project appears to have (1) potential commercial application; and (2) potential use by the Federal Government.

**Human Factors**

**Commented [10]:** While it is allowed, with notification, to submit identical offers or offers containing a significant amount of essentially equivalent work for consideration under numerous federal program solicitations, it is unlawful to enter into funding

**Commented [11]:** Research that involves human subjects may be subject to additional regulations found in 49 C.F.R. Part 11 (Part 11) as well as other applicable federal and state laws and