

Note from the Associate Administrator:

I am pleased to present the Transportation System Preservation (TSP) Research, Development, and Implementation Roadmap. The Roadmap has been a collaborative effort between FHWA and its partners in pavement and bridge preservation.

Historically, identification of needs and funding for research in the preservation and maintenance areas have been difficult to secure. This Roadmap responds to the clear need for a systematic approach to identify knowledge gaps and recommend research projects to address those gaps. The Roadmap establishes short-term and long-term research and implementation priorities to help transportation agencies use system preservation to cost-effectively extend the service life of their infrastructure.

The research needs statements contained within this Roadmap represent the integrated effort of FHWA, AASHTO, and TRB to discover and address the challenges facing our industry and the Nation. The next steps will be to establish a collaborative effort to undertake the research described in the Roadmap. The cumulative cost of the projects is great, as is the potential benefit. The FHWA does not have the resources to carry this out alone – it must be a collaborative effort.

Only through continued cooperation with our stakeholders and partners can we accomplish the desired results to overcome the barriers to transportation system preservation. We encourage you to examine the Roadmap and to participate in the execution of these research projects. Under the AASHTO Transportation System Preservation Technical Services Program (TSP²), this document and related agency and industry interests will be shared and updates presented as the research projects are developed, funded, and completed. We appreciate the valuable input of academic, industry, and transportation agency Federal preservation practitioners, without which this successful product would not have been possible.



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January 2008

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