

CES NCHRP OVERVIEW AND NEW PROBLEM STATEMENTS

AASHTO: Connecting the DOTs

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NCHRP Overview

- **NCHRP 25-25 Ended**

- 25-25 one of four “suballocations” from “main”NCHRP
- Performed small-scope, short-duration research for SCOE
- Tasks selected by SCOE; 113 tasks completed or approved since FY 2003

- **Moving Forward**

- All research proposals submitted through regular NCHRP processes
- Submission by AASHTO’s Standing Committee on Environment and Sustainability (CES), State DOTs, or FHWA
- Projects selected by AASHTO’s Special Committee on Research and Innovation (R&I)
 - R&I members have little to no environmental expertise
- Research panels selected by NCHRP

New Problem Statements

- **Cultural Resources Subcommittee**
 - **National Synthesis of Project-Level Programmatic Agreements for Expediting Section 106 in Project Delivery**
 - **Evaluate the Current Relevance of Section 4(f) in Terms of Preservation of Historic Properties**

New Problem Statements

- **Environmental Process Subcommittee**
 - **Develop Methodology for Analyzing Noise & Vibration Impacts on Terrestrial Species**
 - **Practitioner's Handbook for Noise Wall Inspection Procedures During and Post Construction**
 - **Practitioner's Handbook for the Noise Analysis Process for Design-Build Projects**
 - **Quiet Bridges: Design, Construction and Modification**
 - **Eco-Melting Options for Urban Roads**

Considerations

- Is the problem national in scope?
- Will the research results substantially contribute to project delivery?
- Will the results save money and/or time?
- Will the research outcome be implementable and/or measurable?
- Will the research results help resolve compelling problems with legal/regulatory compliance, or resolve ambiguities with the regulatory community?
- Can the importance of the problem and research solution be explained to a non-environmental audience?