SHRP2 Performance Specifications for Rapid Renewal (R07) FHWA/AASHTO Guidance

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Performance Specs Products

- Final research report
- *Strategies for Implementing Performance Specifications: A Guide for Executives and Project Managers*
- *Developing and Drafting Effective Performance Specifications: A Guide for Specification Writers*
- Guide performance specifications
Implementation Guidelines: Strategies for Executives and Project Managers

- Rationale for using performance specifications
- Organizational considerations
- Industry considerations
- Legal perspectives
- Process for deciding to use performance specifications
- Project delivery and procurement considerations
Implementation Guidelines

Specification Writer’s Guide

• **Introduction** to performance specifications
  - How performance and method specifications differ
  - Deciding between method and performance specifications

• **Conceptual framework** for developing performance specifications
  - Pyramid of Performance
  - 8-step process

• **Users guide** to performance specifications
Implementation Strategies

• Promote the *Decision Support Guide* for performance specifications.

• Provide *peer-to-peer* technical support for adaptation of ready-to-implement specifications to individual state needs.

• Maintain a *library* of applied specifications.

• Seek *standardization of testing parameters, procedures and reporting practices* for equipment.
Training/Education

- **Transportation Construction Quality Assurance**
  (1.5 & 3 Day) Course Number: FHWA-NHI-13406/134064A

- **Pavement Performance-Related Specification Development and Deployment**
  - Combined effort - SHRP2 R07, THFRC, DOT Partners
  - Performance-Related Specifications (PRS) Marketing
  - Performance Spec Education Videos
  - Performance Spec Education Whiteboards
  - FHWA Tech Briefs
  - FHWA Training on PRS Testing – OK, NC (Host), ME, MO
  - Shadow Projects
FHWA Contract:
Develop and Deploy Performance-Related Specifications (PRS) for Pavement Construction
FHWA DTFH61-13-C-00025

ARA

U.S. Department of Transportation
Federal Highway Administration

OSU

NC State University

Advanced Asphalt Technologies, LLC
Engineering Services for the Asphalt Industry
Discussion and Questions