

TRB Synthesis Topics Needed



**PORTLAND CEMENT CONCRETE PAVEMENT
CONSTRUCTION
(TRB COMMITTEE AFH50)**

What is a Synthesis?



- A summary report of current practice based on literature reviews and surveys of recent activities
- Effective at assembling and disseminating information
- Report prepared by a consultant with expertise in the subject area
- Assistance and review provided by a technical panel

Discussion



- Is a synthesis needed in the area of concrete pavement construction?
- What information would help you do your job?
- Please submit your Synthesis Topics to:
Gina Ahlstrom Gina.Ahlstrom@dot.gov

Existing Related Synthesis Topics



- **Pre-Overlay Treatment of Existing Pavements (2009)**
- **Thin and Ultra-thin Whitetopping (2004)**
- **Sealers for Portland Cement Concrete Highway Facilities (1994)**
- **D-Cracking Of Concrete Pavements (1987)**
- **Recycling Portland Cement Concrete Pavements (1989)**
- **Design, Construction, and Maintenance of PCC Pavement Joints (1995)**
- **Use of Fly Ash in Concrete (1986)**
- **Resealing Joints and Cracks in Rigid and Flexible Pavements (1982)**

Existing Related Synthesis Topics



- **Joint-Related Distress in PCC Pavement: Cause, Prevention, and Rehabilitation (1979)**
- **Consolidation of Concrete for Pavements, Bridge Decks, and Overlays (1977 - Out of Print)**
- **Rapid-Setting Materials for Patching Concrete (1977)**
- **Instrumentation and Equipment for Testing Highway Materials, Products, and Performance (1976)**