

Preservation and Maintenance of Concrete Pavements
Existing web resources:

FHWA and American Concrete Pavement Association (ACPA) preservation series

Consists of five modules, each requiring approximately 2 hours to complete. Each module provides a series of comprehensive lessons that demonstrate how each phase of the module's target pavement preservation technique is accomplished. Every task-oriented lesson includes pictures, graphics, videos, and questions that help consolidate learning. The modules are available individually or as a complete pavement preservation course:

- [How to construct durable full-depth repairs in concrete pavements \(FHWA-NHI-134207A\)](#)
- [How to construct durable partial-depth repairs in concrete pavements \(FHWA-NHI-134207B\)](#)
- [Proper diamond grinding techniques for pavement preservation \(FHWA-NHI-134207C\)](#)
- [Proper construction techniques for dowel bar retrofit \(DBR\) and cross-stitching \(FHWA-NHI-134207D\)](#)
- [Proper joint sealing techniques for pavement preservation \(FHWA-NHI-134207E\)](#)

CP Tech Centre - [Pavement preservation](#)

- **Concrete Pavement Preservation: Dowel Bar Retrofit and Diamond Grinding (2021):**
 - **[Dowel Bar Retrofit \(DBR\) and Diamond Grinding Best Practices \(Roberts\)](#)**
 - **[DBR and Diamond Grinding—Oklahoma Turnpike Authority Experiences \(Echelle\)](#)**
 - **[Concrete Pavement Preservation via DBR and Diamond Grinding Q&A \(Roberts & Echelle\)](#)**
- **[Concrete Pavement Management and Preservation \(Scofield & Folkestad\)](#)**
- **[Concrete Pavement Evaluation and Preservation Strategy Selection \(Tritsch & Donahue\)](#)**
- **[Concrete Pavement Preservation Treatment Construction \(with Case Studies\)](#)**
- **[Concrete Pavement Management and Preservation Performance Resources \(Darter\)](#)**

Includes comprehensive set of resources and guides for concrete pavement assessments and distress solutions including pavement distress identification, causes, prevention, and repair.

NRMCA Pave Ahead Series:

Concrete Street and Parking Lot Maintenance and Repair - [click here to view the recording](#) / [click here to download the slides](#)