

Concrete Pavement Preservation



Session 1: Introduction

Course Learning Outcomes

1. Define pavement preservation
2. List the major components of a pavement evaluation and the types of information gained from each
3. Identify the purpose and suitable application of various concrete pavement preservation treatments

Course Learning Outcomes (continued)

4. Describe recommended materials and construction/installation practices for each treatment
5. List factors to consider in the selection of concrete pavement preservation treatments

Course Format

- Lecture/presentation
- Interactive discussions
- Class participation



Respect class schedule... and others!



Class Introductions

- Name/Affiliation
- Experience/Responsibilities
- Learning Needs/Objectives

Outline of Course Sessions

1. Introduction
2. Pavement preservation concepts
3. Concrete pavement evaluation
4. Slab stabilization
5. Partial-depth repairs
6. Full-depth repairs
7. Retrofitted edge drains

Outline of Course Sessions (continued)

8. Load transfer restoration
9. Diamond grinding and grooving
10. Joint resealing
11. Strategy selection

Typical Treatment Session Organization

- Introduction
- Purpose and project selection
- Limitations and effectiveness
- Design and materials considerations
- Construction considerations
- Troubleshooting

Course Materials

- Reference Manual
- Participant Workbook
 - General course information
 - Introduction to each training session
 - Copies of all visual aids
- Schedule

Let's get started!