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# Asphalt Pavement Preservation Treatments, Materials, Construction and Quality Assurance (CCC-02)

## Course Outline

### Day 1: Overview (2 hours)

1. Announcements and introductions
2. Introduction to Pavement Preservation Concept
3. Flexible pavement distress types
4. Types of treatments
5. When and where to use the treatments

### Day 2: Materials and Mix Design (2 hours)

1. Review of Day 1 and plans for Day 2
2. Chip seals
  - a. Emulsion
  - b. Hot applied
  - c. Scrub seals
  - d. Other-Interlayers
3. Slurry seals
4. Microsurfacing
5. Cape Seals
6. Fog seals
7. Review of Day 2 and plans for Day 3

### Day 3: Construction (2 hours)

1. Construction sequence for the various treatments
  - a. Surface preparation
    - i. Crack sealing
    - ii. Patching
    - iii. Milling
    - iv. Others
  - b. Production
  - c. Placement
  - d. Agency inspection
  - e. Cleanup



**Day 3: Construction (2 hours) (con't)**

2. Chip seals
3. Slurry seals
4. Microsurfacing
5. Fog seals
6. Summary of Day 3

**Day 4: Quality Assurance and Troubleshooting (2 hours)**

1. Topics to be covered in Day 4
2. Quality control
3. Agency inspection, documentation, and reporting
4. Troubleshooting problems
5. Check lists
6. Summary of Day 4
7. Course evaluations