



AASHTO TC3 Flexible Pavement Preservation Treatment Series

Self-paced, web-based training

The Flexible Pavement Preservation Treatment Series is an eleven-part, all-encompassing series that trains highway or county-road workers, inspectors, and design engineers on pavement preservation conditions, attributes, strategies, materials, and techniques. The series modules are:

1. Introduction
2. Materials
3. Crack Sealing and Fillings
4. Localized Pavement Repairs
5. Chip Seals
6. Fog Seals
7. Slurry Seals
8. Micro-surfacing
9. Thin Functional HMA Overlay
10. Ultra-thin HMA Bonded Wearing
11. Selecting the Right Treatment

[MODULE DETAILS](#)

A resource for agency and industry pavement preservation partners is the [Pavement Preservation Treatment Construction Guide](#), created by the FHWA, Caltrans, the National Center for Pavement Preservation, and AASHTO TC3. A copy can be obtained by contacting christopher.newman@fhwa.dot.gov or joseph.gregory@fhwa.dot.gov.

Registration*

No cost to attend

Register at <http://ctt.nonprofitsoapbox.com/2020michiganltap-tc3-flexiblepavementpt>

Questions? E-mail ctt@mtu.edu

**After registering, the Center for Technology & Training will send you an e-mail with your free access code for this training. Participants can earn up to 14 professional development hours for participating in this series. After completing this series, participants will receive a certificate of completion from AASHTO TC3.*

The AASHTO TC3 training catalogue is now available to Michigan local agencies for *free*! TC3 trainings are high-quality, self-paced, web-based modules that cost \$75 to \$450 per person. A national agreement with LTAP centers makes these modules available for *free* to Michigan local agencies. Classes range from 30-minute sessions to multi-part series and can count toward professional development hours.

Visit ctt.mtu.edu/training for more opportunities



Michigan's
Local Technical
Assistance Program



Photo: CTT Archive



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Module Descriptions

1. Introduction
Provides the basics of pavement preservation.
2. Materials
Covers materials comprising maintenance treatments, emulsions, and aggregates.
3. Crack Sealing and Fillings
Overviews working and non-working cracks, fatigue and longitudinal cracks, correct temperatures for crack sealant, crack repair sequence, hot sealant, and crack sealing or filling criteria.
4. Localized Pavement Repairs
Overviews the capabilities and limitations of localized repairs.
5. Chip Seals
Covers project selection, pavement and weather requirements, storage, traffic control, construction sequence, aggregate spreading distance, brooming, chip spreading process, distributor preparation, and troubleshooting.
6. Fog Seals
Covers uses of fog seals, suitable pavement surfaces, storage and handling of materials, application process, and problems and causation.
7. Slurry Seals
Covers reasons to use slurry seals, gradations of slurry seal aggregate, preparation and application process, and problems and solutions.
8. Micro-surfacing
Overviews pavement and traffic condition considerations, construction, and troubleshooting.
9. Thin Functional HMA Overlay
Outlines proper usage, suitable pavement conditions, construction, and troubleshooting.
10. Ultra-thin HMA Bonded Wearing
Covers usage, distresses, application considerations, construction, and troubleshooting.
11. Selecting the Right Treatment
Covers information on preservation treatment selection.

[SERIES DETAILS](#)

