Course Number
FHWA-NHI-134207J

Course Title
Proper Joint Sealing Techniques for Pavement Preservation (Spanish)

This course is in Spanish.

In this course, you will find detailed, “how-to” instruction in Spanish that covers the scope of tasks and considerations involved in performing joint sealing or resealing pavement joints and cracks. Short, focused lessons contain detailed visual aids and videos that reinforce content so you can apply new knowledge directly to your work in the field.

Sawed joints are sealed to prevent the intrusion of water, deicing chemicals, and incompressible materials into the pavement structure which can reduce the pavement’s acceptable performance life. Joint sealing is shown to prevent several types of distresses, including joint associated distress, weakening of the base and subgrade supporting structure, blow ups, and voids beneath the joints and subsequent pavement faulting or pumping. It has also been shown recently that when wide joints are used, sealing joints can reduce the overall tire-pavement interaction noise.

Take this course to learn how to employ successful practices and techniques. Specifically, you will learn the answers to these questions:

Why is the technique an important part of concrete pavement preservation?

What options are available and which options provide the best opportunities for success?

What materials are involved in the techniques?

What are the specific, sequential tasks required to properly perform joint sealing?

Outcomes
Upon completion of the course, participants will be able to:

• Explain what joint or crack sealing is, and when it should be performed;
• List important safety considerations when working on joint sealing projects;
• Explain how to prepare for joint sealing;
• Describe recommended materials and equipment used in joint sealing;
• Describe recommended construction procedures and process steps for joint sealing;
• Describe recommend procedures for repairing cracks;
• List the criteria for determining whether joint sealing results are of sufficient quality; and
• Identify typical problems encountered and how to avoid or resolve these issues.

Target Audience
This course provides support and instruction for individuals involved in construction projects using concrete pavement preservation techniques. This training is ideal for construction foreman, workers, and technicians; agency inspectors and construction managers; and engineers.

Training Level: Basic

Fee: 2020: $0 Per Person; 2021: N/A

Length: 3 HOURS (CEU: 0 UNITS)

Class Size: Minimum: 0; Maximum: 0

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