



Joint Sealing for Small Span Bridge Decks

The Practicing Institute of Engineers PDH Course #002891

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Lesson Plan

- I. Technical – The functionality of joints will explained, why they are needed, and what can happen to bridges if you don't seal joints.
- II. History – A brief history of joint sealing will be presented.
- III. Joint Sealing Systems – This section will cover the several different joint sealing systems in use today.
 - a) Sliding Plates
 - b) Poured Silicone Seals
 - c) Compression Seals
 - d) Strip Seals
 - e) Preformed Silicone Seals
- IV. Questions and Answers