



## WAYS TO GET MORE DURABLE HMA PAVEMENTS # 6 PAVEMENT BOND

One of the known causes of premature cracking in asphalt pavement is poor bonding between overlays and the substrate pavement layer. Proper bonding is critical in order for a pavement structure to behave as a cohesive durable unit and have adequate strength.

Read the following check list to learn about the best practices for ensuring adequate pavement bond.









## **Ontario Asphalt Pavement Council**

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The OAPC's Top 10 List was developed from results of the Quality of Asphalt Review, which commenced in September 2018. The Quality of Asphalt Review was commissioned in the fall of 2017 and was managed by KPMG and consisted of analysis conducted by Texas A&M Transportation Institute (TTI).

Contractors are encouraged to reference various National Asphalt Pavement Association (NAPA) and National Cooperative Highway Research Program (NCHRP) resources - particularly NAPA's Quality Improvement Series (QIP) 128 "Best Practices for Emulsion Tack Coats" which details guidance and suggestions for selecting tack coat emulsions, selecting and maintaining associated equipment, and applying tack coats.