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**Norjohn Contracting
and Paving Limited**

Bonded Wearing Course



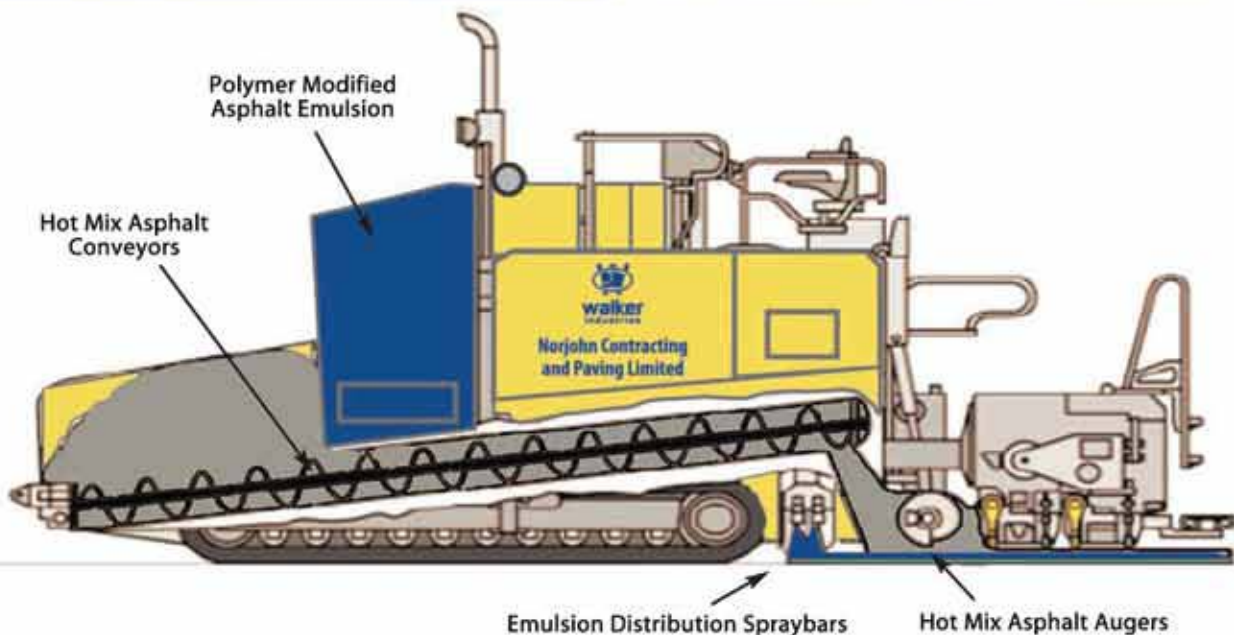
Norjohn Contracting and Paving Limited is proud to unveil its most recent treatment to preserve pavements in Ontario.

Bonded Wearing Course (BWC) is a high-performance wearing surface for newly constructed roads or pavement preservation. A single pass road building process, BWC consists of a heavy application of polymer modified asphalt emulsion membrane, followed by an ultra-thin hot mix asphalt, both placed by a single machine.

Combining the strength of hot mix with the flexibility of thin maintenance treatments, Bonded Wearing Course provides a durable, drainable wearing surface for existing flexible or rigid pavements.

Bonded Wearing Course is applicable to all traffic levels and can be used on residential streets, urban arterials, and 400 series highways.

The specialized "spray" paver required to place bonded wearing course, incorporates a storage tank and distribution system, allowing the emulsion to be placed immediately in front of the hot mix.



1-800-370-9912

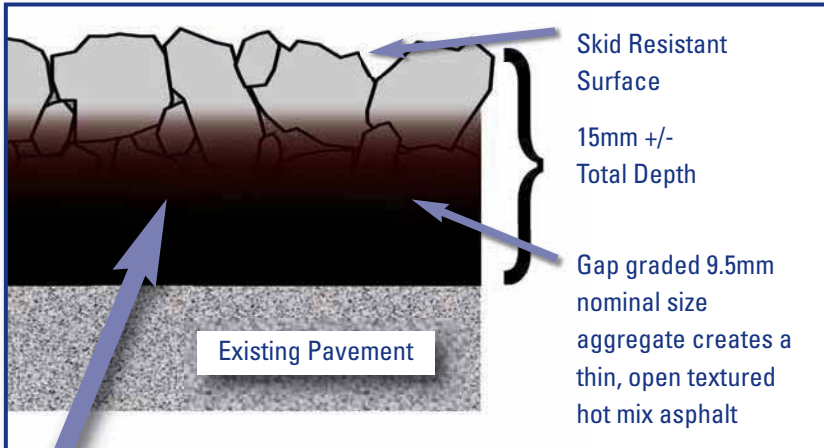
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The polymer modified asphalt emulsion adheres to the existing pavement and "wicks" up and around the HMA aggregate.

The unique BWC system allows the polymer membrane to migrate into the mix during construction, resulting in a thick asphalt film at the interface with the old pavement for a superior bond.

The mix is rolled with steel drum rollers to seat the material into the emulsion, providing a smooth driving surface.

Using a gap graded mix, ensures excellent stone-on-stone content and ample voids to prevent the mix from bleeding or flushing.

Typical thicknesses range from 12mm-25mm, depending on existing conditions, traffic demand and type of road.



Bonded Wearing Course

- Lowers Life-Cycle Cost
 - Durable
 - Crack Resistant
- Superior Bond with PMA Emulsion
 - Seals out Water
 - Resists Raveling and Delamination
- Open Macro-Texture provides:
 - Excellent Skid Resistance
 - Quick Drainage to Edge of Pavement
 - Reduces Tire Backspray
 - Reduces Noise
- Minimizes Milling
- Placed on Structurally Sound Pavements



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Contact us directly for further information and a free on-site consultation regarding:

Bonded Wearing Course