Special Provision No. 914S07 November 2, 2026

914.05 MATERIAL

Section 914.05 of OPSS.PROV 914 is amended by the addition of the following subsection:

914.05.06 Bond Breaker Film

Bond breaker film, for staged construction, shall be 3M #5002D bond breaker film (150 mm wide) or an equivalent product acceptable to the Owner.

914.07 CONSTRUCTION

Section 914.07 of OPSS.PROV 914 is amended by the addition of the following subsection:

914.07.08 Application of HRA Waterproofing Membrane

The third paragraph of 914.07.08 shall be amended by the addition of the following:

For discontinuities, treatment of the 150 mm lap shall be according to the Joint Details for Staged Construction subsection.

914.07.16 Joint Details for Staged Construction

For staged construction and discontinuities within a stage, a 150 mm strip of HRA waterproofing membrane shall be kept clean and free of dirt and debris, against which the subsequent stage of reinforced waterproofing shall be bonded.

For the first stage of construction:

a) A 150 mm strip shall be left exposed after placement of the HRA waterproofing membrane.

b) A 150 mm strip of bond breaker film, shall be placed on top of the exposed 150 mm strip of HRA waterproofing membrane, immediately after placement of the HRA waterproofing.

c) Strips of protection board, wood plank or other means of protection, shall be placed on top of the bond breaker film prior to the paving operation. The protection board, wood plank or other means of protection shall be placed in such a way that it can be removed during the second stage of construction.

Prior to placement of the second stage of construction:

a) The bond breaker film shall remain protected and in place during removals, and priming of the concrete surface for the next stage of HRA waterproofing.

b) The protection board, wood plank or other protection and bond breaker film shall be removed immediately prior to placement of the HRA waterproofing membrane.

c) No dirt, debris or primer shall come into contact with the exposed 150 mm strip.

d) Once exposed, by removal of the bond breaker film, HRA waterproofing membrane shall be applied immediately to the 150mm strip, with membrane reinforcement and protection board to join the stages.

Warrant: Always with OPSS 914, Construction Specification for Waterproofing Bridge Decks and Culverts with Hot-Applied Rubberized Asphalt (HRA) Waterproofing Membrane

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