



Clockwise from bottom left
The exposed wooden bridge deck prior to waterproofing; Geotextile fabric is adhered to the bridge deck; Application of Bridge Preservation's waterproofing system.

SALMONBERRY BRIDGE REHABILITATION

Tillamook County, Oregon



Application of Asphalt
The asphalt wear course is applied approximately one hour after the application of the waterproofing membrane.

In August 2012, the installation of Bridge Preservation's waterproofing system was completed for the Oregon DOT's Salmonberry Bridge in Tillamook County, Oregon.

Project Information
Project Number: 14364
Owner: Oregon DOT
Project Size: 5,760 SF
Date of Installation: August 2012

The project began by milling off the existing asphalt to expose the underlying wood deck. After milling, a geotextile fabric was adhered to the deck. Immediately following the placement of the geotextile fabric, primer was applied to the entire deck surface. Approximately 30 minutes after the primer application, a base coat of Bridge Preservation's Bridge Deck Membrane was applied at 80 mils.

Upon completion of the base coat application, an additional 40 mils of membrane was sprayed to provide a medium to set broadcast aggregate. The purpose of this aggregated top coat is to provide additional shear bond strength between the asphalt and the waterproofing membrane.



Project Complete
The bridge deck is now completely waterproofed and paved.

After one hour, the asphalt wear course was applied. As soon as the asphalt was cooled, the now completely waterproofed bridge was back in service.



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