

## Ovingham Bridge Blog

### Issue 26

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### Why is newly painted truss wrapped up?

Following on from the last blog, spans 2 and 3 have received the full paint system.

The next stage of the work is to install the new cross girders, to provide a platform for the new deck plates forming the roadway.

In order to install cross girders, the enclosure and its supporting scaffold framework has to be removed. To ensure the scaffolders do not damage the paintwork when removing this framework, the truss has been protected by wrapping it in plastic sheeting.



Painted truss  
prior to wrapping



Wrapped up truss after roof  
scaffolding framework has been  
removed

Technical information regarding the bridge painting:-

1. The truss was wet grit blasted, initially, to remove the lead based paint;
2. It was repaired to restore metal thickness to provide 120 year design life;
3. Paint system is DTp Type I, to Specification for Highways Works (Series 5000) in four coats;
4. Truss was dry grit blasted to SA2.5 and primed in Item 115;
5. Item 116 (undercoat) was applied twice, one coat in lieu of a stripe coat;
6. All line gaps were sealed using single pack polyurethane sealant;
7. Final coat, Item 169, applied in 14C39 Green;