

Project Brief

Bridge 103WL

Impact Protection



Eketahuna, NZ
2009



Ontrack required the bridge beams of this rail road overbridge to be strengthened and protected against impact from over-height vehicles.

Additional RHS steel outrigger sections were fitted to span between the abutments and take any impact. The steel was secured to the abutments which in turn were strengthened and confined to withstand high shear forces.

Three layers Tyfo® SCH41 were installed and coated with Tyfo® A Acrylic Finish Coat to provide UV resistance and blend the retrofit to the colour of the abutments.