

# Wilcott Bridge



## Details

<b>Description</b>	Footbridge over A5 dual carriageway
<b>Client</b>	Highways Agency
<b>Date of project</b>	2007
<b>Where FRP composites are used and why</b>	The Wilcott pedestrian bridge, in Shropshire, England, was constructed from Strongwell COMPOSOLITE® panels, 3-way connectors and toggles with a slightly cambered slender deck providing a footway 2m wide.
<b>Type of composite used</b>	The cross-section of the deck of the bridge consists of six GFRP ACCS units; three units were placed in the top surface of the deck and three in the bottom. To increase the mass of the deck, the middle panels are filled with ballast.
<b>Design details</b>	The bridge was built in three units and spliced to fabricate the total length.
<b>Project partners</b>	Strongwell, Balfour Beatty
<b>Key publications</b>	Faber Maunsell. FRP footbridge in place. Reinforced Plastics 2003;47(6):9 [June]. Votsis et al, Dynamic Assessment of a FRP Suspension Footbridge, ACIC 2009, Edinburgh

## Contact