



designation	Black Dog Bridge
type of use:	pedestrian and cycle bridge
location:	near Calne, Wiltshire, England
structural system:	statically indeterminate tied arches
type of bridge:	gangway bridge
commissioning body:	North Wiltshire District Council
designer & engineers:	Mark Lovell Design Engineers
timber contractor:	Cowley Structural Timber
support structure:	Downing, Rudman & Bent PLC
contact:	Mark Lovell / team@mlde.co.uk / www.mlde.co.uk
cost:	whole structure: £225,000 in 1999
component	construction material
foundation:	reinforced concrete
pavers surface:	galvanised steel plates
wearing course:	epoxy bound carborundum grit
main structure:	CCA treated Redwood (glulam) and kerto deck
secondary structure:	CCA treated Redwood (glulam)
connections:	galvanised steel
railing:	galvanised steel
waterproofing:	weathered steel deck plate
drainage:	down-grade