

Turnover Bridge



AI Overview

A turnover bridge is a canal bridge designed to allow a horse towing a boat to cross the waterway without unhitching the towline when the towpath changes sides. Purpose and Function Turnover bridges, also known as roving bridges, changeline bridges, or snake bridges, were constructed over canals or navigable rivers to enable horses towing boats to cross from one side of the waterway to the other without detaching the towline. This design prevented delays and tangling of the towrope, which would occur if a conventional bridge required the horse to be unhitched and reattached to the boat. They were particularly necessary where buildings, land ownership, or water rights interrupted the towpath. Design Features Turnover bridges often feature curved or spiral ramps that guide the horse smoothly across the bridge while keeping the towline clear. Some bridges were built in two halves with a slot in the middle, known as split bridges, allowing the towline to pass through without obstruction. On certain canals, ramps were placed on the same side of the bridge, turning the horse through 360 degrees, as seen on the Macclesfield Canal with spiral ramps. The ramps were sometimes studded with bricks to prevent horses from slipping. Historical Context These bridges emerged during the late 18th to early 19th centuries in Britain, coinciding with the canal-building boom of the Industrial Revolution. They were essential for maintaining efficient horse-drawn canal transport, which was the primary method of moving goods before mechanized alternatives. Notable examples include the brick-built roving bridge at High Onn on the Shropshire Union Canal, the stone turnover bridge at Hyde on the Peak Forest Canal, and cast-iron split bridges on the Stratford-upon-Avon Canal. Modern Significance Today, turnover bridges are preserved as heritage structures, often listed for their historical and architectural value. They remain functional for leisure boating and contribute to the scenic and cultural appeal of canal networks in the UK. Well-k...

Article Content

Turnover Bridges (and Snake, Changeline and Roving Bridges)

A turnover bridge is one designed so that when the canal towpath changes from one side of the canal to the other, the horse can cross the canal without being unhitched from the boat it is

Clever Bridge Design Lets Horses Pulling a Barge

Well, some clever individual (s) figured out a way to design a bridge that would allow horses to cross it while remaining tethered to the barges the

Turnover Bridge on Nottingham Canal

Turnover Bridge on Nottingham Canal is a Grade II listed building in Nottingham, City of Nottingham, England. See why it was listed, view it on a

The Turnover Bridge

Listing: c.1834 by Thomas Telford Comment: The dividing parapet in the middle separates the footbridge from the turnover bridge for horses using the towpath - note the raised bricks on that side to give

Turnover Bridge, Coventry Canal & copy; A J Paxton cc

This is bridge no. 18 on the Coventry Canal, on the south side of Nuneaton. A turnover bridge enabled horses to cross the canal from one towpath

Turnover Bridge No 100 - Gazetteer - CanalPlanAC

Turnover Bridge No 100 carries the road from Brench to Trafford over the Trent and Mersey Canal (Main Line - Great Haywood to Etruria) just past the junction with The Huddersfield

Turnover Bridge Over Grand Union Canal

List entry 1307401. Grade II Listing: Turnover Bridge Over Grand Union Canal. May include summary, reasons for designation and history.

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Roving bridge explained

A roving bridge, changeline bridge, turnover bridge, or snake bridge is a bridge over a canal or navigable river constructed to allow a horse towing a boat to cross the waterway when the towpath

Roving bridge

A roving bridge, changeline bridge, turnover bridge, or snake bridge is a bridge over a canal or navigable river constructed to allow a horse towing a boat to cross the waterway when the towpath changed sides.

Roving bridge — Grokipedia

A roving bridge, also known as a changeline bridge, turnover bridge, or snake bridge, is a specialized structure spanning a canal or navigable river designed to enable a horse towing a boat to cross the

Turnover Bridge (canal bridge number 100) circa 500m

List entry 1374236. Grade II Listing: Turnover Bridge (canal bridge number 100) circa 500m to north-west of Meaford Farm. May include summary, reasons for

Turnover Bridge Over The Trent And Mersey Canal

A turnover bridge was designed to allow horses to go over the bridge without unhitching the rope from the boat. The bridge is a Historic England Grade II Listed Building. "Circa 1818. Over the Trent and

Turnover Bridge No 47 - Gazetteer - CanalPlanAC

Gazetteer for Turnover Bridge No 47 a minor waterways place on the Grand Union Canal (Grand Junction Canal - Main Line - Norton to Gayton) showing information and facilities about

Clever Bridge Design Lets Horses Pulling a Barge

A simple bridge would suffice to get the horses to the other side, but the barge would then have to be temporarily moored while the ropes to the

THE TURNOVER BRIDGE

THE TURNOVER BRIDGE by Dave Roberts I suppose if you're not familiar with this local landmark you might think that the "turnover bridge" is some kind of mechanical structure, like a swing

Turnover Bridge No 2

Turnover Bridge is in Gas Street Basin in the centre of Birmingham. It is a useful way to get over the canal from Brindley Place to the Discovery centre. You can

Turnover Bridge No 100 - Gazetteer - CanalPlanAC

Gazetteer for Turnover Bridge No 100 a minor waterways place on the Trent and Mersey Canal (Main Line - Great Haywood to Etruria) showing information and facilities about the place.

Turnover bridge - learn to play with

Turnover Bridge has some interesting similarities to another game called Blind Don. If you enjoy Turnover Bridge, you should definitely give it a try! Now, let's talk about the cards and the

Rules of Card Games: Turnover Bridge

Introduction Despite the name, this game is more like a Whist variant than a Bridge variant - there is no bidding and the play ends as soon as one of the two players has more than half of the

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