

# Barton aqueduct - a unique feat of engineering.

Port of Manchester Public Relations Dept. - Heritage stories



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## Manchester's most unusual structures: part one

Some of the most spectacular examples include the Pont du Gard in south France and the Aqueduct of Segovia in the Spanish city of Segovia. In 2006, construction was completed of two new portions: on the east side for crossing new north-bound lanes for the expanded highway; and on the west side for the new HSL-Zuid high-speed railway. It was built in 1961, making it the oldest aqueduct in the Netherlands.

## 3 Most Impressive Water Bridges Around the World

A gate at each end of the trough retains around 800 tonnes of water; further gates on each bank retain water in their adjacent stretches of canal. Most of the structure was built without.

### barton swing aqueduct : definition of barton swing aqueduct and synonyms of barton swing aqueduct (English)

Also known as a navigable aqueduct, it is pretty much exactly what it sounds like, a bridge that carries water, across which one can navigate on a boat.

## 10 Water Bridges From Around The World That'll Make You Want To Float Across One

The construction of the Manchester Ship Canal in the 1890s necessitated the replacement of this structure, as the height of ships using the new ship canal would make them too large to pass under the original aqueduct.

## 8 Water Bridges From Around The World That'll Make You Want To Float Across One

When in the open position, the aqueduct and road bridge line up along the length of the island, allowing ships to traverse each side.

### TraffordCity's heritage and history

I don't think it is worth a special journey, but if you are visiting the Trafford Centre it is worth a quick look. The steepest lock flight giving a rise of 59 ft 2 in 18. It was a coal-fired power station; coal was delivered in barges using the Bridgewater canal and the steam was condensed and cooled

using water abstracted from the canal.

#### **4 Amazing Aqueducts Around the World**

Known as the longest and deepest tunnel in the UK. The canal was carried on high embankments and across the river, 38 feet below, on three sandstone arches.

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