

Saudi Arabia Long-Span Bridge





Overview

• • • • The King Fahd Causeway is a system of bridges and causeways that links Saudi Arabia with Bahrain, spanning a total length of approximately 25 kilometers. The structure consists of two double-lane roadways, each 12 meters wide, separated by a 1-meter gap, resulting in a total width. The FAST Riyadh Metro Alliance is a consortium comprising multi-national groups known in their respective field of expertise that includes FCC, SAMSUNG, C&T, STRUKTON, FREYSSINET S. All bridges are designed as cast-in-place concrete box girders, built span-by-span on scaffolding, except the main crossing over.



Saudi Arabia Long-Span Bridge

Wadi Leban Bridge

The Wadi Leban Bridge is a cable-stayed bridge in Riyadh, Saudi Arabia, designed by Seshadri Srinivasan (Dar Al-Handasah). It was built between 1993 and 1997.

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King Fahd Causeway , Series 'The longest bridges in the world

In Saudi Arabia is located King Fahd Dam, whose general length is 25 km. The opening of the Brückendamm took place in 1986. The bridge

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Al Azizia Viaduct. Riyadh, Saudi Arabia

The Al Azizia road crosses the Southern Ring Road in Riyadh with a twin viaduct 1.30 kilometers long. The new connection also includes a

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CABLE-STAYED BRIDGE UNDER CONSTRUCTION IN SAUDI

This article describes the design and construction of the Wadi Laban Cable-Stayed Bridge in Riyadh, Saudi Arabia. This bridge is one of the longest and widest concrete cable-stayed structures in the world.

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List of bridges in Saudi Arabia

o Transport in Saudi Arabia
o Arab Mashreq International Road Network
o Rail transport in Saudi Arabia
o Geography of Saudi Arabia

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Latest developments in long span bridges

Long span bridges - own references Suspension bridges - built 1915 Çanakkale Bridge - 2023m, Türkiye 2022 present world record Osmangazi Bridge - 1550m, Türkiye 2016 Maputo-Katembe

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King Fahd Causeway Explained

The King Fahd Causeway spans long stretches of sea and reclaimed land. The idea of building a bridge linking Bahrain to the eastern region of Saudi Arabia had been of great interest to the two kingdoms

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King Fahd Causeway



King Fahd Causeway is a sea bridge that links the Kingdom of Saudi Arabia and the Kingdom of Bahrain across the Arabian Gulf. The causeway is twenty-five km

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Rail Under

Camel crossing bridge in the form of a closed frame, which is also a train - underpass to the new Dammam-Jubail railway line, in Saudi Arabia. It is about 16

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King Fahd Causeway

The King Fahd Causeway (Arabic: جسر الملك فهد, romanized: Jisr al-Malik Fahd) is a 25 km (15.5 mi) long series of bridges and causeways connecting Khobar, Saudi

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Shurayrah Bridge, The Longest Water Bridge in Saudi

The Shurayrah Bridge in Saudi Arabia has been completed as part of the first phase of the Red Sea Destination Project. The bridge, which is the

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TRSDC completes construction of Shurayrah, longest

The Shurayrah Bridge is one of the longest water bridges in Saudi Arabia, with a length of 3300 meters and a width of 28 meters. It contains two

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Saudi Arabia's \$7 Billion Land Bridge: Building a High

Saudi Arabia is building more than just railway tracks -- it's constructing a future that moves at high speed. The Kingdom's ambitious \$7 billion Land Bridge Project is

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Saudi-Egypt Red Sea Bridge: The 32-Kilometer Mega

The Red Sea has always been a natural divide between Asia and Africa, but Saudi Arabia and Egypt are working on a plan that could change that

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Bridges - FREYSSINET SAUDI ARABIA CO. LTD.

This four level segmental bridge with access ramps, service buildings and helipad towers is designed to carry the heavy flow of pilgrims during the holy period of Hajj.

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Bridge Design & Engineering (Bd & e)



The contract has been awarded for the design and construction of a 1.2km-long bridge to serve a major tourism complex being developed in Saudi

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King Fahd Causeway (Al Khobar) FAQs In 2026

The King Fahd Causeway is a series of bridges and causeways that link the Kingdom of Saudi Arabia with the Kingdom of Bahrain. It spans approximately 25 kilometers (15.5 miles) and was officially

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Work nearing completion on Saudi dual carriageway sea

The Saudi Roads General Authority (RGA) has announced that steady progress is being made on the 3.2-km-long Safwa-Ras Tanura Bridge

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King Fahd Causeway , EROS CalVal Center of Excellence

The King Fahd Causeway is a system of bridges and causeways that links Saudi Arabia with Bahrain, spanning a total length of approximately 25 kilometers. The

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Wadi Leban Bridge - RiYadh - bridgelab

Six lanes highway twin pylon cable stayed bridge across the wadi leban in Riyadh Saudi Arabia. Main Span 405 m, total length 763 m. Completion

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King Fahd Causeway Size , KnowSize

Finally, Saudi Arabia invested in the whole construction. This super long sea-crossing bridge has a huge impact on the development of a wide range of economic activities and cultural communications



Rail Over

Railway bridge, prefabricated, two 33-meter spans, as the overpass of the highway in Saudi Arabia. One of the bridges of the new high-speed connection between

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Saudi Arabia to build 1.2km bridge to Red Sea island

The Red Sea Development Company, developer of the mega-tourism project on Saudi Arabia's west coast, hired Greek marine contracting specialist

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Arch Bridge, Saudi Arabia



It belongs to the new high-speed railway line that connects Dammam with Jubail in Saudi Arabia and has a total length of 120 km. It consists of the access bridges

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King Fahd Causeway

History It is divided into three parts: the combination of the three bridges leading from El Hubara on an artificial island on the border of Saudi Arabia and Bahrain (this includes the longest bridge, length

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The Line, Saudi Arabia

The Line (Arabic: ?? ?????) is a planned linear settlement under construction in Neom, Tabuk Province, Saudi Arabia, to be housed entirely in a single very long arcology. It is planned to be a smart city

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Long spans up to 110m are executed in balanced cantilever technique. All decks for road & railway bridges are in prestressed concrete, as per post-tension technique.

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King Fahd Causeway, Saudi Arabia

At present, King Fahd Bridge is of great strategic and tourist importance. In 2011 the bridge was actively used by the military for settlement of the unrest in Bahrain.

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Cable-Stayed bridge under construction in Saudi Arabia

Near the diplomatic quarter in Riyadh, Saudi Arabia, a large tower is slowly reaching



upward to the sky. This tower is part of unique bridge which spans the deep and wide Wadi Laban on the souther leg of

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