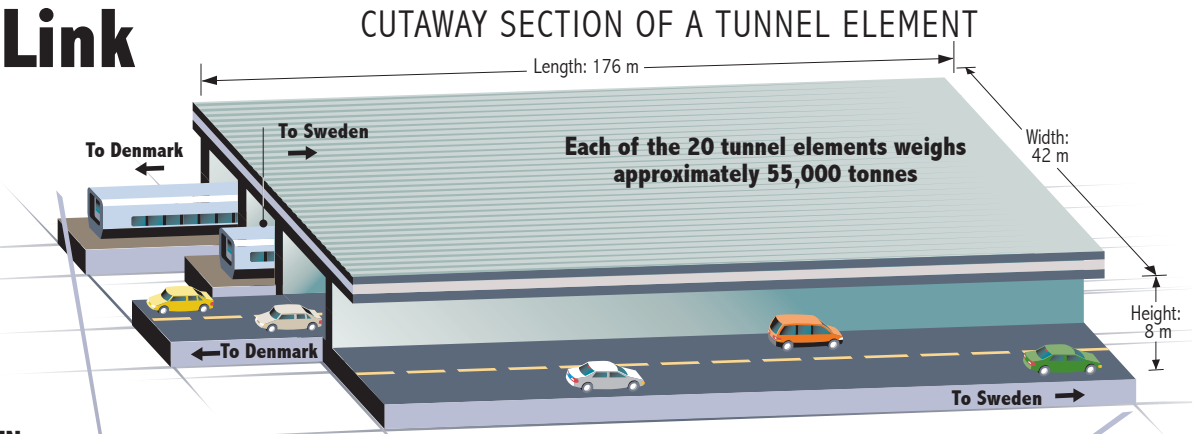


# The Oresund Link

The 16-kilometre fixed link that will connect Copenhagen in Denmark to Malmo in Sweden is expected to create a major metropolis that will be competitive with other urban areas in Europe's Baltic region. Some of the key features of the link:



## 1 ARTIFICIAL PENINSULA OFF COAST OF KASTRUP

- Underground tunnel starts at a 9-sq.-km piece of reclaimed land on the Danish side, near the Copenhagen airport.
- Four-lane highway and rail tracks carrying passengers and freight are joined in one level at the entrance to the tunnel.

## 2 DROGDEN TUNNEL

- The longest immersed-tube tunnel for both road and rail traffic in the world.
- Length: 4,050 metres
- Portion under water: 3,510 metres, submerged at a depth of 7.7 metres
- What it carries: Four-lane highway, two-track railway and service tunnel.

## 3 ARTIFICIAL ISLAND

- Built to transfer traffic from the Drogden tunnel to the western approach bridge.
- Location: South of Saltholm
- Length: 4,050 metres
- Traffic can be rerouted to reverse direction through tunnel.

## 4 WESTERN APPROACH BRIDGE

- Two-deck bridge where traffic starts to run on two levels – road traffic on top rail, rail traffic below
- Location: South of Saltholm
- Length: 3,014 metres

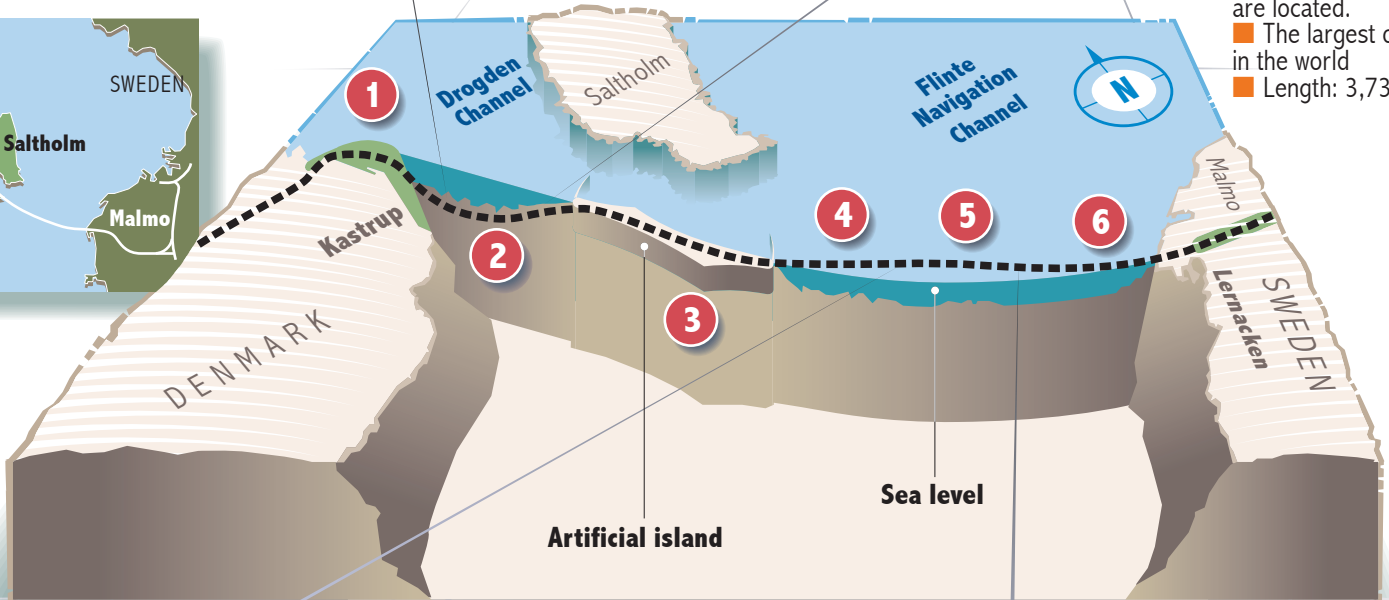
## 5 HIGH BRIDGE

- Cable-stayed bridge structure made composite steel and concrete with truss girders, standing on prefabricated concrete caisson on the limestone 17 metres below sea level.
- The largest of its kind in the world
- Length: 1,092 metres

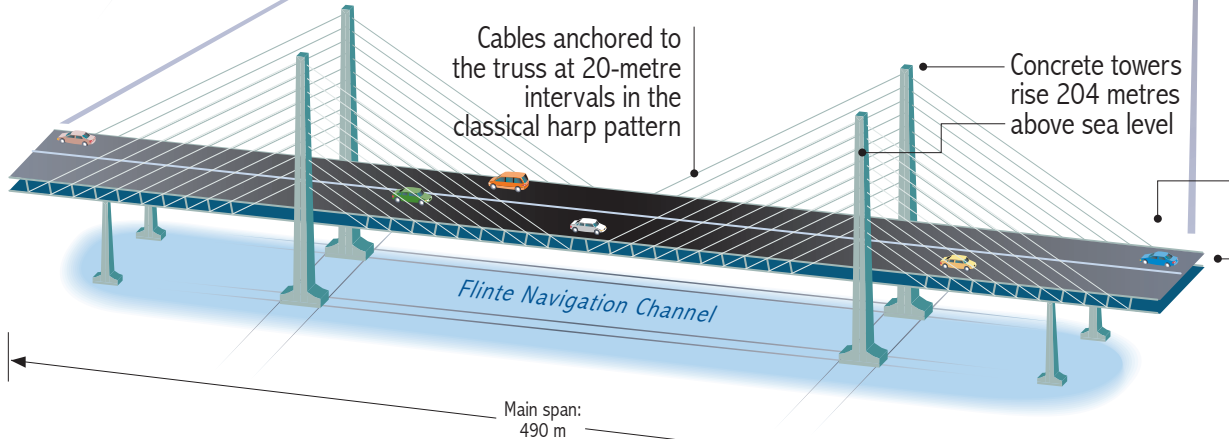
- Pylon height: 203.5 metres
- Traffic: Two-deck traffic flow continues.

## 6 EASTERN APPROACH BRIDGE

- Carries road and rail traffic on the Swedish coast at Lernacken, where the toll station and link control centre are located.
- The largest of its kind in the world
- Length: 3,739 metres



## THE HIGH BRIDGE



## Bill of materials

Stay cable steel	3,000 tonnes
Reinforcing steel	45,000 tonnes
Structural steel	85,000 tonnes
Concrete	276 cubic metres