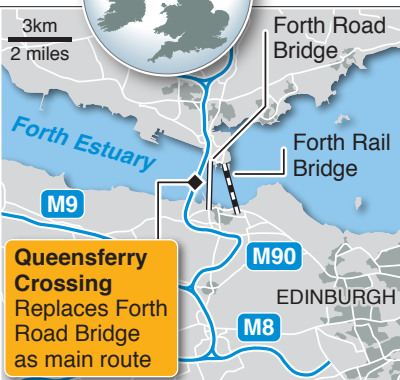
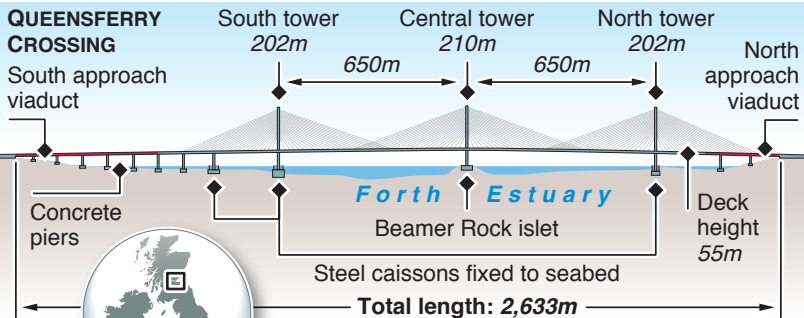


# Record-breaking Forth bridge set for opening

Scotland's landmark £1.35 billion (\$1.7bn) Queensferry Crossing over the Forth Estuary will be the longest three-tower, cable-stayed bridge in the world when it opens to traffic in summer 2017



**Cables:** Cross mid-span to boost strength of structure, allowing more slender towers and lighter deck

**Tower:** Reinforced concrete

**Road:** Two-lane motorway plus hard shoulder in each direction

Barge

**Deck:** Consists of 122 steel / concrete sections lifted by crane and erected out from each tower by cantilever

**Viaducts:** Launched incrementally from shore across supporting piers

Pier

Caisson

**FORTH ESTUARY**

**Windshielding**

Reduces need for bridge closure in adverse weather

**Opening:** Aug 30, 2017. Bridge will briefly close Sep 2-3 to allow 50,000 members of public to walk across