

Sheikh Jaber Al-Ahmed Al-Sabah Causeway Project

CLIENT: Hyundai Engineering & Construction Co.

LOCATION: Kuwait

YEAR OF COMPLETION: 2019

The Sheikh Jaber Al-Ahmed Al-Sabah Causeway Project (main link) is a 36km causeway crossing Kuwait Bay between Kuwait City and the Subiyah area.

The causeway consists of low-level bridges, embankments and transition islands. A cable-stayed bridge spans the navigation channel and a free-flow interchange at the Shuwaikh Port connects the causeway to the main road network at Kuwait City.

We provided support to contractor Hyundai on the design and construction of the bridge and of the temporary works. These including temporary bents, cofferdams and lifting frames, and local strengthening to permanent works for lifting and placement of steel and precast concrete items weighing up to 1800t.

We have also completed a shipping impact assessment and provided geometry control and erection engineering for the central cable-stayed bridge, which has a main span of 177m.



KEY FACTS:

- Construction support including temporary works designs.
- Geometry control for main bridge
- Ship impact risk assessment

