The 3rd Bosporus Bridge is the widest hybrid suspension bridge in the world with a width of 59m, where the longest span which is 1,408m has a rail system on it. The bridge has an unusual hybrid suspension system having both cable stays that support the outer thirds of the main span on either side and a suspension cable which supports the central third.

We were appointed to advise on the buildability of the bridge structure and to assist in the value engineering of the design alongside their permanent works designers.

We were able to deliver changes to the design which improved buildability and reduced construction costs.

KEY FACTS:
- Design and advise buildability
- Value engineering
- Complex support system for box girder viaduct
- Erection engineering