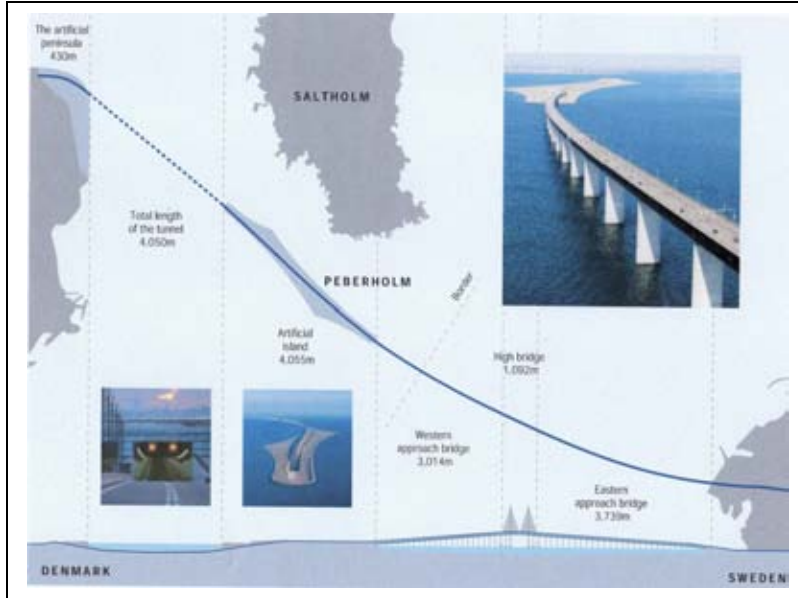




ORESUND BRIDGE . DANEMARK
POSTANALYSIS OF OPTIMIZATION POTENTIALS WITH RISK AND COST ESTIMATION

CLIENT: ORESUNDKONSORTIET



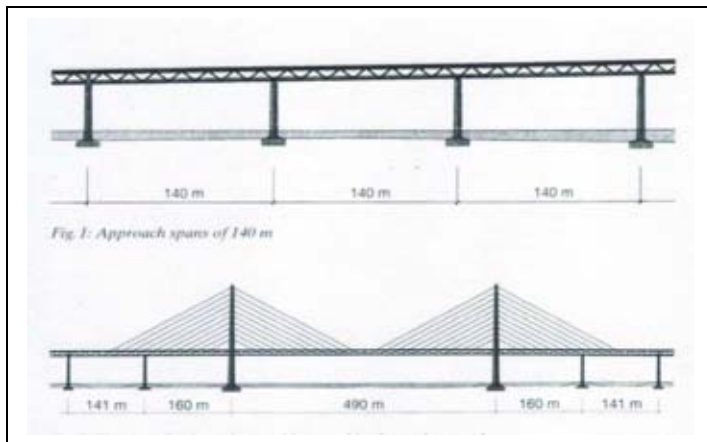
PROJECT DESCRIPTION

THE ORESUND IS A FIXED LINK CONNECTING DANEMARK AND SWEDEN AND ITS BRIDGE PART ON THE EASTERN SIDE IS USING BRIDGE OF 7845 M LENGTH.

THE BRIDGE ITSELF CONSISTS OF 3014 M LONG WESTERN APPROACH BRIDGE, HIGH CABLE STAYED BRIDGE 1092 M LONG AND EASTERN APPROACH BRIDGE WITH 3739 M LENGTH.

APPROACHING BRIDGES ARE CONSTRUCTED AS CONTINUOUS STEEL TRUSS GIRDERS CARRYING RAIL TRAFFIC AND HAVING CONCRETE COMPOSITE DECK ON THE TOP FOR ROAD TRAFFIC.

LOCATION



SERVICES PROVIDED :

- POSTANALYSIS OF STRUCTURAL OPTIMISATION POTENTIAL
- RISK AND COST ESTIMATION
- QUANTITY EVALUATION OF COST OVERRUNS
- INVESTIGATION OF PRICE LEVEL ON THE INTERNATIONAL MARKET

CONSULTANCY FOR CONSULTING GROUP OF COMPANIES

PERIOD OF WORK:
9/2007 – 4/2008

LONGITUDINAL SECTION OF THE HIGH AND APPROACHING BRIDGES.



FLOATING CRANE SVANEN AND A PART OF INSTALLED SPANS OF AN APPROACH BRIDGE.