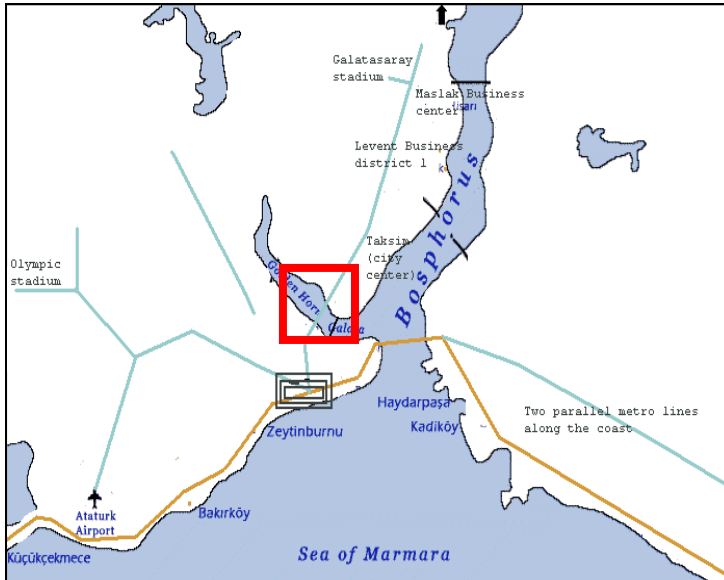




**NEURON CONSULT ZT**  
PELIKANSTR.18, 4061 LINZ-PASCHING, AUSTRIA

## **HALIC METRO BRIDGE OVER GOLDEN HORN, ISTANBUL, TURKEY** **OPTIMIZATION OF STRUCTURAL BRIDGE ELEMENTS WITH RISK AND COST ESTIMATION**

**OWNER: CITY OF ISTANBUL**



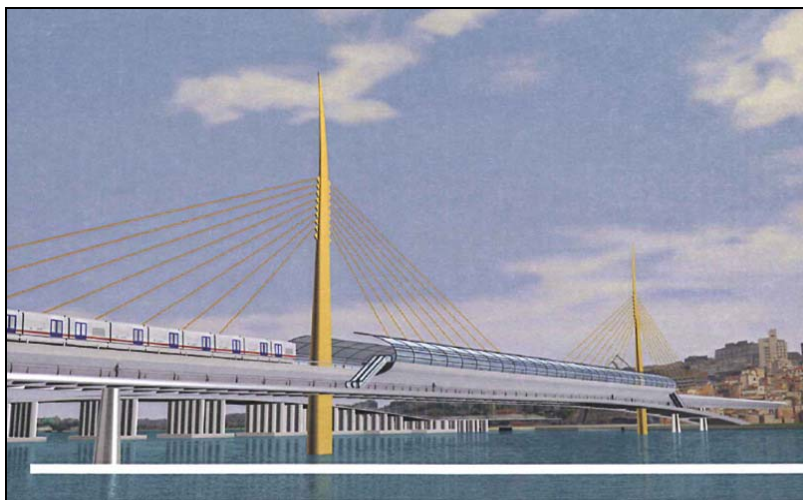
**LOCATION**

### **PROJECT DESCRIPTION**

THE METRO BRIDGE HALIC IS THE PART OF THE METRO LINE EXTENSION IN THE CITY OF ISTANBUL. THE SECTION BETWEEN UNKAPANI AND TAKSİM WILL INCLUDE 2520 M LINE WITH 2 STATIONS AND THE NEW METRO BRIDGE OVER GOLDEN HORN.

THE BRIDGE HAS THE MAIN CABLE STAYED PART WITH SPANS 45-45-180-45-45 M, TWO PYLONS, MOVABLE SWING BRIDGE ON ONE SIDE AND APPROCHING BRIDGE PARTS.

BESIDE APPROACH BRIDGES THAT ARE MADE OF CONCRETE, THE MAIN CROSSING OVER THE GOLDEN HORN WILL BE CONSTRUCTED IN STEEL : PILES, PYLONS, PIERS, DECK OF CABLE STAYED BRIDGE, MOBILE BRIDGE AND FOOTBRIDGE.



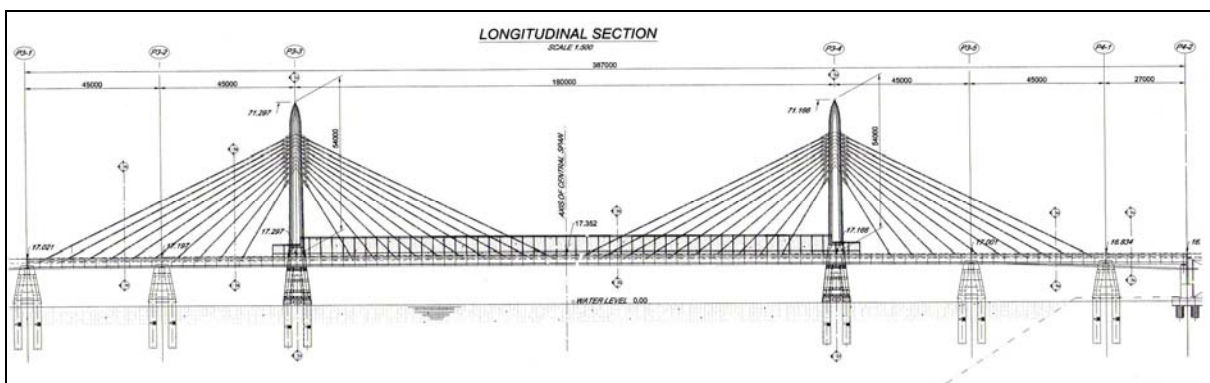
**CROSS SECTION OF THE BRIDGE DECK**

### **SERVICES PROVIDED :**

- OPTIMISATION OF STRUCTURAL BRIDGE PARTS
- RISK AND COST ESTIMATION
- QUANTITY EVALUATION
- INVESTIGATION OF PRICE LEVEL ON THE INTERNATIONAL MARKET

### **CONSULTANCY FOR CONSTRUCTION COMPANY**

PERIOD OF WORK:  
2/2008 – 3/2008



**LONGITUDINAL SECTION OF THE HALIC METRO BRIDGE IN ISTANBUL , TURKEY.**