

The Palm Jebel Ali is an artificial archipelago in Dubai. The Palm is proposed to include 6 marinas, a water park, homes built on stilts above the water and boardwalks that circle the fronds of the palm and spell out an Arabic poem. It is expected to house more than 250,000 people.

The project contains two main bridges M1 and M2 and two crescent bridges C1 and C4. M1 has a total length of 1.200 meters has 22 spans of 5.000 meters long. M3 is 1.450 meters long and has 28 spans of 5.000 meters long. C1 and C4 has a total length of 300 meters has 8 spans of 5.000 meters long.

The bridges are composed of two Main Girders with Box section. The bridges are built using the incremental launching method.

New structures

Post-Tensioning Works

Palm Jebel Ali Main & Crescent Bridges

Dubai - United Arab Emirates



Client

Nakheel Co.

Consultant

Parsons

Contractor

Dong Bang Eng. & Con.

Construction

March 2008