

Al Sowwah Island is located northeast of Abu Dhabi. The island size is approximately 114 hectares and is being developed to a new city center of the UAE capital. The island is being developed in several phases.

The Freyssinet project includes 6 Road Bridges with a total length of 4800 m and 4 Pedestrian Links built as 30m×40m voided slabs.

The Road Bridges are made of post-tensioned crossheads on top of which pre-cast pre-stressed/ post-tensioned beams are placed to support cast-in-situ concrete deck.

The pedestrian links are built as voided cast-in-situ slabs post-tensioned in both longitudinal and transverse directions.

## New structures

### Post – Tensioning Works

Al Sowwah Island

Abu Dhabi - UAE



#### Client

Mubadala Development Co.

#### Consultant

WS Atkins & Part. & Overseas

#### Contractor

Al Naboodah Contracting

#### Construction

Nov 2008 – March 2010