

Rouen Lifting Bridge – Rouen, France



Type: Highway

Location: Rouen, France

Completion Date: March 2007

Owner: ETAT

Architecture: Zublena Architecte PLG

Engineering: Groupement Arcadis - Eurodim - Virlogeux

General Contractor: DDE Rouen

Steel Fabricator: Victor Buyck Steel Construction n.v.

2 Bridge decks – span 120m:

- Weight: 2 x 1300 T

- to be lifted vertically 60m above the river Seine

2 'Papillons':

- Weight: 2 x 450 T

Lifting mechanisms:

- Counterweights: 2000 T

- Cables Ø85 mm : 225 T

total length: 3250 m

- 3.3 km of steel cable Ø 85 mm

- Cables connected to counterweights and bridge decks

- Winches in basement of pylons to lift the bridge

