



Oakland Bay Bridge Demolition in San Francisco, USA



Facts

Number of steel trusses:	5 pcs
Length of truss:	154 m
Weight per steel truss:	1'600 to
Lowering distance:	42-50 m

Handling equipment

Tye back strand jack H-600:	4 pcs
Lowering strand jack HA-600:	4 pcs
Strand guidance/recoiler:	4 pcs

Description

In collaboration with Freyssinet USA, Hebetec Engineering Ltd lowered 5 bridge trusses during demolition works of the Okaland Bay Bridge at San Francisco Bay.

The lowering onto barges from heights of about 42 to 50m was carried out by using 8 type H-600 strand jacks.

The biggest challenge managed during lowering was to find correct load balance between bridge's support towers in order to avoid loss of stability while reaching lowering speeds of up to 14 m/hr.

