

Helping Thorpe Park reach new heights *with the truly amazing Stealth roller coaster*



Continuing its excellent working relationship with the Tussauds Group, J Devine Civil Engineering was called upon to help meet the challenge of building Europe's fastest and highest launch roller coaster...

J Devine Civil Engineering continued its long-term preferred contractor relationship with the Tussauds Group when it was commissioned to act as Principal Contractor to carry out and manage the construction of Europe's highest and fastest launch roller coaster at Thorpe Park in Surrey.

On site works on the 'Stealth' ride commenced in April 2005 with the reclamation of land from the lake bordering the site. Piling works could then begin for the substantial foundations required for the attraction's newest and most exciting thrill ride.

The contract works involved the construction of various reinforced concrete and steel framed structures and the management of the ride's complex steelwork erection, as well as all of the electrical and mechanical service installations.

The final phase of works was the completion of hard and soft landscaping, as well as the vital theme works to give the ride its distinctive appeal for thrill riders. The work was completed in January 2006 and the project successfully commissioned in time for the scheduled opening in March.



Stealth Statistics

- > *Stealth is Europe's highest and fastest launch roller coaster.*
- > *Before piling work could start, land reclamation work had to be carried out to recover land from the lake bordering the construction site.*
- > *The contract included construction of various reinforced concrete and steel framed structures.*
- > *The ride opened to an eager public in March 2006 as scheduled.*
- > *The Stealth ride reaches a height of 205feet (64.5m) at its highest point*
- > *The trains that carry thrill-seekers on their short, but adrenalin-filled journey weigh almost 10 tonnes and reach 80mph in under 2.5 seconds. This propels the train up the vertical climb before looping over the top of the track and heading near vertically down the other side.*

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