

Case Study **Belton Hills Steps**

Marlborough, working in partnership with Southend on Sea Council, were asked to develop a long lasting set of new steps for Belton Hills. This project is currently being delivered and involves the construction of new replacement stairs scaling the steep Belton Hills, upgrading all footways and including a new environmentally friendly lighting system. This will vastly improve access to the nearby railway station and will make using the footways much safer as a result of the subsidence seen on the existing footways.

The positioning of this site has meant very careful engineering considerations have been given to the project and the environmental impact has been at the forefront of the planning.



Innovation at Belton Hills

Phil Clarke and Andy Brown have come up with a solution for the difficult terrain to ensure a safe and environmentally friendly way to install the piles for the stairs. This involves an innovative screw pile replacing the standard driven pile.

Fact File

Client: Southend on Sea Borough Council
Dates: May to September 2018
Duration: 20 week planned programme
Project Value: £1,400,000

Project:

- Removal of existing staircase
- Installation of new steps and footways

Challenges:

- Steep gradient and safe working
- Long lasting installation of new stair on innovative screw piles

Team:

- 4 Operatives / 1 Foreman
- 1 Overall Project Manager

Savings/Efficiencies:

- Eco friendly welfare units