



Case

STUDY

TOTAL TRAFFIC EXOPAVE (TTE®)

Mount Stewart
Overflow Carpark



MARKET SECTOR:

Rail



LOCATION:

Portaferry Road
Newtownards, BT22 2AD



CONTRACTOR:

M.J. McBride Construction Limited



CONSULTANT:

Gilligan & Partners



MERCHANT:

JP Corry

The

BACKGROUND

Mount Stewart is a 19th-century house and gardens situated on the east shore of Strangford Lough in County Down, Northern Ireland.

The site is owned by the National Trust who in 2015 completed an extensive restoration of the house. It is very popular with visitors from all over the UK and Ireland but their parking provision was limited. The overflow car park was to be situated in a meadow a short distance from the main house and needed improvement.

The long-term plan for the client is to create a much larger car park elsewhere on the estate but in the short term the overflow meadow was the only option.

Our Client's

REQUIREMENTS

A sustainable solution for an overflow carpark.

A meeting was held in May 2018 to learn more about the site and issues present.

A temporary surface was required but one that would satisfy a number of criteria. The client was concerned with the aesthetic as the appearance needed to be as natural and grass like as possible.

The product also needed the strength to cope with the intensive use and the drainage it offered needed to be sufficient. In addition, it needed to be easy to remove and ensure they could reinstate the meadow to its original condition at a later date.

Our Value Engineered **SOLUTION**

Different options were discussed but the TTE® product was put forward as it offered the most advantages.

Its strength would be key to the success of the project resisting the loads and enabling it to be lifted and reused when the car park is relocated at a later date. Work began in March 2019 and the installation completed quickly.

While the grass needed time to fully establish it was possible to use the surface. By December the grass cover was almost complete and ready for the 2020 visitors.

