

Polypipe Civils helps pave the way for A34 Chieveley/M4 Junction 13 improvement scheme

Polypipe Civils teamed up with Costain to provide a drainage solution for the Highways Agency's A34 Chieveley/M4 Junction 13 Improvement Scheme.



Fast installation for major highway project



The scale and challenge of the M4 Junction 13 Improvement Scheme was not for the faint hearted.

Part of the Government's Targeted Programme of Improvements (TPI), 15,000 square metres of lime-cement stabilisation work was completed and 10,100 tonnes of granular sub-base laid to the new A34 section South of the M4, alongside 29,600 square metres of bituminous surfacing laid to the A34. Polypipe Civils was approached by Costain to provide a drainage solution for the motorway interchange with the objective of supplying a solution that was both easy to handle and store and quick to install.

The long term benefits of this junction upgrade between the M3 and M40 were substantial in easy traffic flow along the stretch of carriageway.

Polypipe Civils' Ridgidrain structured-wall drainage pipe was supplied in diameters from 150 to 450mm. It offers excellent hydraulic performance, high corrosion and impact resistance and a simple but wholly effective jointing system. The pipe can also be installed in long lengths, achieving savings in both time and labour costs. Polypipe Civils also supplied ducting for the motorway communications system, which included traffic signals and signs.

CASE STUDY

Project

Ridgidrain used in various diameters to meet the requirements of the M4 Road Improvement Scheme

Client

Highways Agency

Application

Surface Water Drainage and Cable Protection

Products

Ridgidrain
Ridgiduct