



Ecologia was invited to tender and subsequently appointed to undertake the Ground Investigation Works for the M25 Junction 12 and M3 Junction 3 Westbound merge improvement scheme, on behalf of the Highway Agency.

The aim of the investigation was to determine the geo-environmental conditions of the motorway verge site in order to provide information for the design of the proposed widening works and assess the potential presence of soil contamination.

The exploratory locations were adjacent to a live motorway. Site works were undertaken through the night due to traffic management constraints.

Two crews simultaneously undertook the following key activities:

- Shallow Windowless sampling boreholes
- DPSH adjacent to the windowless sampling holes
- Deep Rotary boreholes with retrieval U100 and SPT

Analysis of the soil samples was undertaken by a UKAS and MCERT accredited Laboratory.

Progress reports were provided throughout the project and a final factual report submitted to the Client.

The drilling works were supervised by competent geotechnical engineers with contaminated land experience.