



CASE STUDY - BELLHOUSE QUARRY

As a preferred contractor of construction materials supplier, Tarmac, Recycled Roadways was appointed to carry out a 15-month contract to extract and process minerals at its Bellhouse Quarry located on the outskirts of Colchester.

We established a permanent presence at the Quarry - site team and plant/equipment - to deliver the works. Material was extracted using 95-tonne excavators and relocated using 45-tonne dump trucks to a stockpile.

From there it was loaded into a hopper and transported by a conveyor across the site (via a tunnel beneath a main road which bisects the site) where it was reloaded into a wash plant and screened to create sand a gravel (10mm and 20mm).

The project generated in excess of 800,000 tonnes of aggregate for use in the construction and civil engineering sectors. Voids created by the excavation were refilled using site-won clay material and compacted to specification.

Discipline: Earthworks, Recycling

Client: Tarmac

Completed: Sep 2023

Duration: 16 months

Location: Colchester, Essex

Recycled Roadway's experience of crushing, screening and site logistics has enabled us to efficiently extract and process minerals from our quarry into high-quality secondary aggregates. Their ability to recycle inert wastes into specific sizes enables our plant to generate highways-grade CBM for the A12 widening project and enhance the project's overall sustainability.

Kelven Nicholls - Quarry Manager, Tarmac

