



## M5 JUNCTION 21 | WESTON-SUPER-MARE



Leca® Lightweight Expanded Clay Aggregate has solved an embankment problem at the M5 Weston Super Mare Junction 21 improvement scheme which was designed and constructed to improve traffic flow and reduce congestion on the approach to and exit from the motorway interchange originally constructed in 1968.

The scheme entailed widening sections of the multi-lane roads within the interchange as well as parts of the A370 either side of the junction. These works required substantial remodelling of the embankments where geotechnical risks were established at the outset of the project.

CH2M HILL, a global leader in consulting and program management, was the designer of the project led by client and part land-owner of the site North Somerset Council (NSC).

## FACTS

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**Amount of material:** 1900m<sup>3</sup> of [LECA LWA \(10-20mm\)](#)

**Interesting Fact:** Ground conditions were onerous due to the thick deposits of soft compressible alluvial soils beneath the 10m high embankments.

**Delivery Method:** Walking Floor

**Main Contractor:** Costain