

EARTHWORKS - SHIFTING THE DIRT

OUR EARTHWORKS TEAM WILL SHIFT 4 MILLION CUBIC METRES OF EARTH OVER TWO SUMMER SEASONS - THAT'S 114 RUGBY FIELDS PILED 5M HIGH.

The earthworks season runs from 1 October to 30 April each year.

Forming the expressway route requires cuts in

some areas and fills in others. It's a complicated equation that's always changing. Some sands and soils along the route are suitable for constructing embankments, but others are not. Finding the right material and transporting it to build embankments is a constant challenge.

Our team uses elevating motorscrapers and dumptrucks to move material to from cut sites to fill sites. Motorscrapers dig and collect soil, then transport it and spread it in the fill area, where

compactors compact it.

Dumptrucks are filled by excavators. They transport larger quantities of material to fill sites, where bulldozers spread it, and compactors compact it.

Priority bridges are being built early to allow dumptrucks to run over or under local roads in the 2017/18 summer construction season without disrupting local traffic.



Earthmoving machines move sand to form the Ruakura Interchange



An elevating motorscraper in action



Dumptrucks hauling dirt



Visit our website www.nzta.govt.nz/hamilton

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