

1 Earthworks and drainage

Over 3.5 million cubic metres of earthworks

Material types: Puketoka silts, clays and greywacke

Ground improvements will be required in some areas

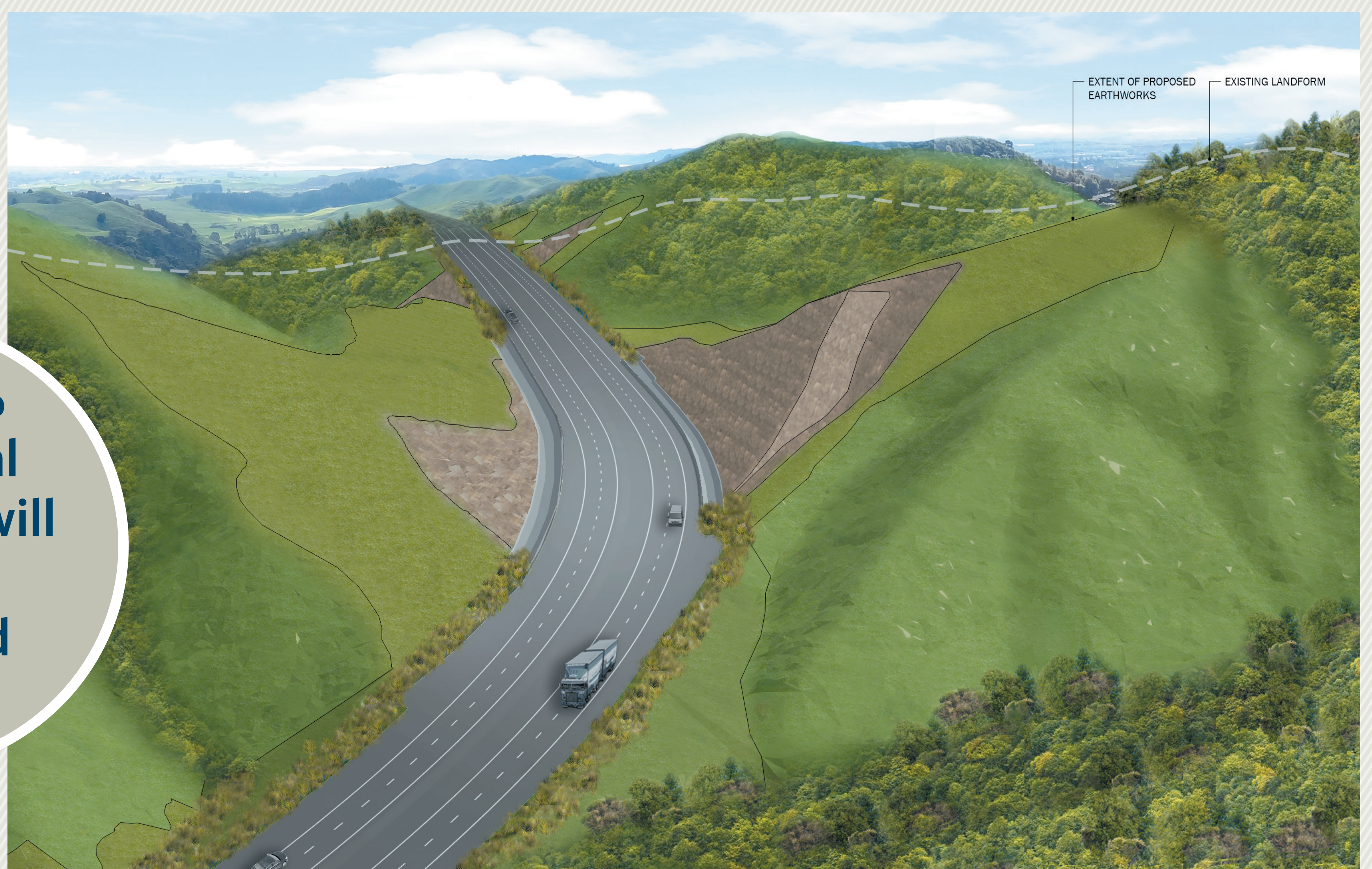
36 major culverts - ranging from 13m to 130m long

Approximately 9km network drainage

Taupiri summit cut

1 million cubic metres of rock to move

Final 10% of material extraction will require controlled blasting



Artist's impression of the Taupiri summit cut

Erosion and sediment controls

A variety of measures will be used to control dust and sediment as a result of our earthworks operations. Some measures will include:



Mangawara inlet and Taupiri Maunga