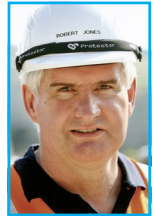


## Pūhoi to Warkworth: Paving the way



With 18.5 kilometres of motorway under construction, we need a lot of asphalt – 140,000 tonnes to be precise. That’s about one quarter of all the asphalt laid across Auckland in a year.

With such a large amount of asphalt to source, the most efficient way for us to do this was to establish a dedicated local asphalt plant, which is currently being commissioned in Silverdale.

The plant will produce 2000 tonnes of asphalt per day at its peak – enough to fill around 25 average-sized swimming pools.

The asphalt is transported from the plant to site by truck. We’ve laid the base course layer (the first part of the road surface) at several locations in the north and south of the project, and these are the first to receive the asphalt.

On the Ara Tūhono – Pūhoi to Warkworth motorway we are using open grade porous asphalt (OGPA).

OGPA helps to reduce road noise. It also assists with water runoff, increasing resistance and making the road safer for motorists.

To further enhance the quality and longevity of the asphalt, and optimise production, we have brought in special machinery which will allow us to pave the road in one continuous width. This is the first asphalt paving machine of its kind in New Zealand.

You may spot this machine (pictured below) on the job as it makes its way across the length of the project over the coming year – or keep an eye on our Facebook page, website and drone flyovers for footage of this impressive team in action.

Ngā mihi,  
Robert Jones  
Project Director



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