

Kariong to Somersby M1 Motorway widening - lessons learned

Antonn Russek, Project Manager, Roads and Maritime Services

Matt Landers, Project Manager, Fulton Hogan Construction

Mike Billington, Project Engineer, Fulton Hogan Construction

James Walker, Project Engineer, Roads and Maritime Services

Peter Carson, Senior Project Manager, Roads and Maritime Services

ABSTRACT

The M1 Motorway, between Sydney and Newcastle, Australia carries approximately 60,000 - 70,000 vehicles per day including 10% heavy vehicles. The section of motorway between the Kariong Interchange and Somersby Interchange is currently being upgraded by replacing some damaged slabs and adding a third travel lane both northbound and southbound in the median.

Many major motorways and highways in Australia are reaching a point where the design life of the initial concrete pavement is near an end and the growth of traffic volume now necessitates the addition of extra lanes.

This paper provides commentary on the lessons learned in construction of the M1 Motorway upgrade between Kariong and Somersby, as well as recommendations for future motorway widenings in both design and construction.