



# Reduced truck impacts for Coonabarabran from October 2019

The expanded use of road trains can reduce truck trips by up to 67%

Over the next 10 years, it is estimated 42.5 million tonnes of freight will be moved by road through Coonabarabran. With current heavy vehicle access and loading practices that will require approximately 3.7 million truck trips or an average of 1,014 trucks every day. To alleviate the effect of this freight task on Coonabarabran, Roads and Maritime Services is approving access for road trains on the Newell Highway through town.

Despite the significant additional productivity, road trains still have comparable braking potential and stopping distances compared to 19 metre semi trailers due to the additional axles.



## Up to 67% less truck trips means:

- Less exposure to heavy vehicles for pedestrians and local traffic when parking and moving through town
- Less risk of heavy vehicle driver error and fatigue
- Less congestion, pollution, noise and dust



## Reduced wear and tear on the road = less maintenance

- A road train has no extra mass per axle than currently approved B Doubles
- A road train causes 11% less pavement wear over the freight task compared to 19m semi trailers meaning less costly and inconvenient road works are required



## Lower emissions better environmental performance and cleaner air

- A road train produces up to 60% less emissions over the freight task compared to 19m semi trailers



## Increased freight to local communities = savings for everyone

- Transportation costs can account for 30% of the final cost of the goods you buy. Improved freight efficiency means more productive regional economies supporting local jobs and industry and you get products quicker and cheaper.

 <p><b>42.5</b> million tonnes</p> <p>Expected freight task through Coonabarabran over next 10 years</p>	 <p><b>19m Semi Trailer</b></p> <table border="1"> <tr><td>Length</td><td>Up to 19m</td></tr> <tr><td>Tare</td><td>18.96 T</td></tr> <tr><td>Payload</td><td>24.04 T</td></tr> <tr><td><b>Overall</b></td><td><b>43 T</b></td></tr> </table>	Length	Up to 19m	Tare	18.96 T	Payload	24.04 T	<b>Overall</b>	<b>43 T</b>	 <p><b>26m B Double HML</b></p> <table border="1"> <tr><td>Length</td><td>Up to 26m</td></tr> <tr><td>Tare</td><td>24.16 T</td></tr> <tr><td>Payload</td><td>44.34 T</td></tr> <tr><td><b>Overall</b></td><td><b>68.5 T</b></td></tr> </table>	Length	Up to 26m	Tare	24.16 T	Payload	44.34 T	<b>Overall</b>	<b>68.5 T</b>	 <p><b>36.5m A B Triple HML</b></p> <table border="1"> <tr><td>Length</td><td>Up to 36.5m</td></tr> <tr><td>Tare</td><td>35.5 T</td></tr> <tr><td>Payload</td><td>72.5 T</td></tr> <tr><td><b>Overall</b></td><td><b>108 T</b></td></tr> </table>	Length	Up to 36.5m	Tare	35.5 T	Payload	72.5 T	<b>Overall</b>	<b>108 T</b>
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Minimum number of truck trips required over next 10 years	1,770,000 trips	960,000 trips - reduction of 46%	590,000 - reduction of 67%
Average trips required per day	485 trips	263 trips - reduction of 46%	161 trips - reduction of 67%
Estimated carbon particulates produced - (air pollution)	61.8 tonnes	36.8 tonnes - reduction of 40%	24.6 tonnes - reduction of 60%
Average time between trucks passing through Coonabarabran - 24hrs per day	Every 3 mins	Every 5.5 mins	Every 9 mins
Road wear measured in Equivalent Standard Axles (ESA*)	8.7 million esa kms	8.4 million esa kms - reduction of 4%	7.8 million esa kms - reduction of 11%

\* ESA is a measure to compare the effects of a heavy vehicle on road pavements. The lower the number of ESA Kms, the lower the pavement wear caused by a heavy vehicle.

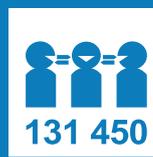


## Contact us

If you have any questions or would like more information on the Focus on Freight project please contact the project team on:

@ roadfreight@rms.nsw.gov.au

🖥️ rms.nsw.gov.au/focusonfreight



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