

Waterfall Way Safety Review



Purpose of the Review

- Roads and Maritime Services is carrying out a safety review along the route in response to community concern about the increase of truck movements from local quarries.
- The review will investigate areas of concern and identify if there are short-term and medium-term strategies that can be proposed.

Purpose of meeting



Transport
Roads & Maritime
Services

- **Information sharing** - to provide a brief summary of the community issues raised in feedback forms and share information on crash trends, statistics and vehicle movements
- **Collect information** - Collect community feedback on areas/locations of concern to the community. These sites will be further investigated during the field trip and these investigations will further inform the review.

Process so far

- Community information drop-in sessions held on 27 March 2014 between 10am-2pm and 4pm-7pm
- Feedback closed on 4 April (feedback forms after this date were accepted)
- Feedback collated
- Traffic data collected – 12 traffic counter sites (tubes across road) installed along the route
- Crash data analysed to determine trends, clusters and patterns in data

Timeframes and next steps



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- Community Workshops
4 June at Bellingen
5 June at Dorrigo
- Field trip – expected 2nd half of June
- Compile report – expected in July
- Present outcomes to the community – expected late July

Community feedback



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- 119 submissions captured via email or feedback forms
- **Key topics**
 - Safety of road
 - Condition and narrowness of the road
 - Use of road by trucks
 - Speed limit of road and signage

Community feedback



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Issues raised

- Road not maintained properly – potholes, crumbling edges, mud/rock landslides possible
- Lack of pull over bays
- Blind corners and lack of signage
- Cyclist and pedestrian facilities inadequate
- Speed limit was seen as too high
- Tourists unfamiliar with road

Data collection



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- Data is currently being collected at 12 sites along the Waterfall Way
- This information will be presented in the final report

Site 12 – East of Dorrigo



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280m East of Hollibone Street Dorrigo

Site 12 – East of Dorrigo



Transport
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- Week of 7 May 2014 – 13 May 2014
- Average Daily Traffic (ADT) = 2040 vpd
- Average number of heavy vehicles (Class 3-12) = 280 vpd

Site 12 – East of Dorrigo



Transport
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- Average number of truck/dog (Class 9A)
 - = 15 vpd (7 day week)
 - = 20 vpd (5 day week)
- Truck/dog as % of all traffic (ADT)
 - = 0.7% (7 day week)
 - = 1% (5 day week)

Site 12 – East of Dorrigo



Transport
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- Truck/dog as % of other heavy vehicles
(Class 3-12)
 - = 5.4% (av. 7 day week)
 - = 7.1% (av. 5 day week)

Nambucca Heads to Urunga (NH2U) project

- PEAK movements from EMS Quarry at Dorrigo to the project are expected Oct 2014 - July 2015
= 20,000 tonnes per month
- Estimate 600 loaded trucks per month
= 60 trips/day (av. 5 day week)
- Add NH2U peak movements to existing average movements (7 day week and a 5 day week)

Nambucca Heads to Urunga (NH2U) project



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- Truck/dog trips as % of all traffic (ADT)
between Oct 14 – July 15
= 3.6% (av. 7 day week)
= 3.8% (av. 5 day week)
- Truck/dog trips as % of other heavy vehicles
(Class 3-12) between Oct 14 – July 15
= 22% (av. 7 day week)
= 24% (av. 5 day week)

Quarry trucks



- What are the peak quarry truck movements, that could occur on the Waterfall Way, based on current Development Application (DA) approvals?
- Dorrigo = 200 loads per week = av. 80 trips/day
- Hernani = 20 loads per day = 40 trips/day
- DA approved movements = 120 trips per day
- Add existing 20 vpd (av. 5 day week) = 140 vpd

Quarry trucks



- Truck/dog trips as % of all traffic (ADT)
= 5.6% (DA approved movements)
= 6.5% (if add DA traffic to existing traffic)
- Truck/dog trips as % of other heavy vehicles
(Class 3-12)
= 30% (DA approved movements)
= 35% (if add DA traffic to existing traffic)

Where to from here?

- The traffic count data from the 12 sites currently collecting data along the Waterfall Way will be included in the final Waterfall Way Safety Review Report.