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

• **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

• 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

• 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

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

• 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

280m East of Hollibone Street Dorrigo
Site 12 – East of Dorrigo

• 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

• 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

• 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

- 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.