

Objection to the to the Woolgoolga to Ballina Pacific Highway Upgrade Project Modification 4 - Moonimba Quarry Development Application Modification

I believe that the that the Moonimba Borrow Site Traffic Impact Assessment (Appendix C) is deficient in its assessment and does not include many items that will impact on the community's safety. The basis of study in 2014 was on the conservative side and which now has been used as the basis to the new report.

This report is trying to use the 2014 traffic study and development conditions for a quarry extraction of 90,000t per annum, for a quarry that extracts 400,000t per annum. These are inadequate for an extraction and traffic movements of about 5½ times the size. The only proposed upgrades are from the DA2015/069 approval for 90,000t, other than Woodburn-Coraki Road and Pacific Highway intersection.

The original 2014 traffic study consent had been developed for 54 traffic movements per day, not 234 movements proposed and is not suitable to base the new traffic report on. Section 2.4.1 indicates the that a Road Safety Audit has not been carried out on the haulage, they are just relying on old data, which is inappropriate.

This has left the rest of the haulage severely lacking, as it already has an addition 462 traffic movements per day for the Coraki Quarry which the plan to upgrade to 682 traffic movements per day just for the Pacific Highway Upgrade, which is exacerbating the whole traffic problems.

Intersections

Woodburn-Coraki Road and Pacific Highway

About time it was upgraded as the intersection is extremely dangerous. Only upgrade planned in application.

Readons Lane and Woodburn-Coraki Road

This intersection has had minimal assessment in the current traffic report, even though this is where the heavy vehicles will be pulling out and in from will see will see 250 traffic movements an hour, including 55 turning (nearly one a minute) in or out Reardons Lane and 195 going straight through.

The intersection of Readons Lane and Woodburn-Coraki Road is quite a dangerous intersection It is located on a corner Woodburn-Coraki Road with limited sight distances (due to sugar cane cropping) to the west of Readons Road for east bound traffic. Turning Right out of Reardons Lane onto Woodburn-Coraki Road to the east, as the heavy vehicles will, the east bound traffic will have very little time to slow for the turning vehicle, due to the limited site distance. There are many vehicles incidents on intersection with two minor ones in the past few weeks.

There is no turning lanes or slip lanes for traffic traveling east on Woodburn-Coraki Road. This means that traffic coming around the corner travelling in an easterly direction and find a loaded gravel truck that has just pulled out of Reardons Lane, travelling slowly with the potential of running into the back of it. This would require any easterly turning lane to have sufficient length for acceleration of the gravel trucks to not become a hazard on Woodburn-Coraki Road. The proposed intersection upgrade under DA2015/069 is only for west bound traffic and will do little to make the intersection safer.

Also the is this intersection contains a bus stop

Possible solutions:

- Reduce Speed limit on haulage route, during the highways construction to 80km/h for Heavy Vehicles, and upgrade Readons Lane and Woodburn-Coraki Road intersection (Attached is a suggested design) with:
 1. A turning lane be constructed on the Woodburn-Coraki Road for west bound traffic to turn into Reardons Lane as per DA2015/069
 2. Provide a turning/acceleration lane on Woodburn-Coraki Road the northern lane
 3. Provide slip lane around the northern lane

Casuarina Drive and Readons Lane

This intersection contains a bus stop and is the entrance to a rural residential area, with two new rural residential subdivisions currently under construction and will be online before the end of 2017. With just under 40 additional lots and the 12 that already exist, I am amazed that no consideration to this intersection has been made. Considering this intersection will be impacted with the trucks when loaded, coming around the corner, down a hill, at speed at about 50 seconds intervals and at 100km speed limit it is dangerous to pull out in front of a loaded truck to head north towards

Possible solutions:

1. Reduce Speed limit on haulage route, during the highways construction to 80km/h for Heavy Vehicles.
2. Upgrade Casuarina Drive intersection with slip lane on western side for north bound vehicles to use.

Rural residential Land Release Area

The arear around the Readons Lane, Boggy Creek Road & Casuarina Drive areas is all part of the Richmond Valley Rural Residential Land Strategy and is really starting to boom in resent times with just under 40 lots about to come on line as land in the Evans Head areas is becoming limited. This boom is expected to continue. The 2014 and the current study under estimate this impact.

The 2014 study did not take this in and the current study does not cover it adequately enough.

Bus Stops

Bus stops have not been addressed in the traffic study as section 2.4 imply that they could not map Bus Routes as that are susceptible to change. In the 13 years that I have lived in the area the routes have not changed, only the increase in bus numbers on these routes due to the population expansion. There are numerous bus stops on the route including:

- Intersection of Woodburn-Coraki Road and Readons Lane
- Intersection of Reardons Lane and Casuarina Drive
- Intersection of Readons Lane and Boggy Creek Road

I therefore request Road Safety Audit de carried out before any consent is given, if a consent is given that conditions for:

1. Reduction of speed limit to 80km/h for heavy vehicles on haulage route.

2. Upgrade of Woodburn-Coraki Road, Readons Lane intersection to allow for safe movement of the gravel trucks in both west and east bound so the in and out bound trucks can manoeuvre safely at the Reardons Lane intersection.
3. Upgrade Readons Lane Casuarina Drive intersection if speed limit is not reduced for heavy vehicles.
4. That a Road Safety Audit conditions are acted