

PCU034348



Transport
Roads & Maritime
Services

SF2012/003814; CR2012/002795; WST11/00087

Manager
Mining Projects
Department of Planning & Infrastructure
GPO Box 39
Sydney NSW 2001

Department of Planning
Received
1 JUN 2012
Scanning Room

Dear Sir

Coalpac Consolidation Project (10_0178); Exhibition of Environmental Assessment

Thank you for your letter dated 23 March 2012 referring the Environmental Assessment for the Coalpac Consolidation Project to Roads and Maritime Services (RMS) for submissions.

RMS will not object to the proposed development and provides the following requirements:

The design and construction of the overpasses of the Castlereagh Highway will be administered through Works Authorisation Deeds entered by the proponent with RMS. The Deeds will provide for the specifications to be met in the design and construction of an overpass following consultation with RMS Project Services Manager.

Castlereagh Highway Overpasses

The bridge structures over the Castlereagh Highway are to be designed and constructed to RMS requirements, including (but not limited to):

- Compliance with *AS 5100 Bridge Design*.
- Minimum vertical clearance of 6.5 metres from the highway centreline to the underside of the road bridge structure.
- Minimum vertical clearance for the conveyor bridge is to be not less than the existing bridge over the Castlereagh Highway immediately south of Boulder Road.
- Minimum horizontal clearance of 14 metres for a two lane highway. This clearance must be increased by the width of any additional lanes and any medians. This clearance applies to both the road and conveyor bridge.
- Wire rope safety barrier between the carriageway and a bridge structure will require 1.5 metres back clearance from the barrier to the bridge structure.
- The applicant will be responsible for maintenance and subsequent removal of the proposed overpass structures at the completion of the mine operation and will be required to lodge a security deposit/bond adjusted annually for Building Price Index increase as part of the Deed/s to ensure this.
- The bridge structures and approaches are to be designed to minimise impacts on maintenance activities required within the road reserve. Maintenance activities required for the bridge structures are to be carried out from within or on the bridge structure.

Roads and Maritime Services

- The RMS concurrence role as provided for by the Section 138 of the *Roads Act 1993* and consent role as provided for by the Works Authorisation Deed includes all works affecting the Castlereagh Highway (HW18).

Road Bridge over Castlereagh Highway

- Traffic management during construction has not been addressed in the Environmental Assessment. If a sidetrack of the Castlereagh Highway is required, this will need to cater for two-way traffic during construction of the proposed overpass. Sidetrack requirements are to be designed to 90km/h standard with an 80km/h speed zone throughout. The sidetrack is to be a minimum 9m width seal and verge with edge line marking. The pavement is to be minimum 400mm pavement thickness; the pavement design is to be approved by RMS. The sidetrack is also to be designed to cater for oversized loads up to 8m wide that travel the highway.

Existing Invincible Colliery Castlereagh Highway Access

- RMS notes the Environmental Assessment acknowledges existing concerns with overtaking manoeuvres in proximity to the existing Highway access. RMS suggests that the applicant assess the intersection in conjunction with RMS to determine appropriate treatment to address these concerns.

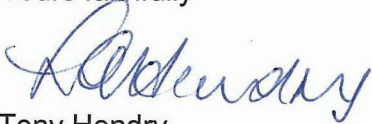
General

- Any proposed road facilities and intersection treatments are to be in accordance with the *Austroads Guide to Road Design* and RMS supplements, including the provision of safe intersection sight distance. The RMS supplements to the *Austroads Guide to Road Design* are available online at www.rta.nsw.gov.au/doingbusinesswithus/ausroadsguides/road_design.html
- All non general-access vehicles will need to be approved by RMS and the appropriate gazettal obtained for use of the road network, including local roads.
- All arrangements for the control of traffic on a state road shall be in accordance with RMS publication *Traffic Control at Work Sites*. A Road Occupancy Licence is required prior to any works commencing within 3m of the travel lanes of the Castlereagh Highway. This can be obtained by contacting Mr Paul Maloney on 02 6861 1686. Submission of a traffic control plan is required as part of this licence.
- Road Safety Audits are to be conducted at the design and pre-opening stages in accordance with *Austroads Guide to Road Safety Part 6: Road Safety Audit (2009)*. The developer is responsible for mitigating deficiencies noted within the audit report. This is relevant for works impacting on the Castlereagh Highway
- The applicant is required to obtain permits for any oversized and over-mass loads from the RMS Special Permits Unit in Glen Innes, Ph 1300 656 371.
- All works associated with the project including consultation and planning will be at no cost to RMS.

Please keep RMS informed of the progress of the Project Application.

If you require any further information please contact myself on (02) 6861 1687.

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Tony Hendry', written in a cursive style.

Tony Hendry
Road Safety and Traffic Manager
Western

29/5/12

RMS WAD Advices

Advice to the Developer for inclusion in Notice of Determination under 'Advices'

- Conditions of development consent do not guarantee RMS' consent to the specific road works, traffic control signals and /or other structures or works for which it is responsible. The Developer must obtain RMS' authorisation in writing prior to the commencement of any road works on the Castlereagh Highway, including traffic management, temporary or permanent road works associated with the proposed development.
- Following development consent, early discussion with the RMS Project Manager is recommended. RMS will initiate the WAD process by sending out a letter and information pack on receipt of the Project Approval, including the name and contact details of the RMS Project Manager.
- As the WAD process, including acceptance of design documentation and construction can take considerable time, you should allow sufficient lead time within the project development program to ensure that all documentation and works are completed in advance of operation. RMS will not consider granting concurrence to occupation until it is satisfied all documentation and works under the WAD have been completed.
- Authorisation to commence construction will only be granted when RMS is satisfied that all requirements under the WAD have been met by the Developer, including RMS' fees and charges, an unconditional bank guarantee for the full value of the works, detailed design documentation, environmental assessment, road occupancy license, among other matters. RMS will issue a letter to the Developer advising of this authorisation.
- Any property acquisition /dedication required to accommodate the State road works associated with the proposed development shall be at full cost to the developer, including all legal and survey costs. This land shall be dedicated by the Developer as public road reserve in favour of the Council, as the owner.
- Part of the Developers timeline should make provision for RMS to satisfy its obligations under the *Environmental Planning and Assessment Act 1979* (EP&A Act) to assess the environmental impacts of the works within the road reserve. Further investigation and assessment to that undertaken for the development consent may be required to the satisfaction of RMS, under Part 5 of the EP&A Act.
- It is recommended that the developer use design consultants with the experience and knowledge of the RMS' design requirements, in particular the Austroads Guide to Road Design (with RMS supplements) and relevant Australian Standards.
- Construction on a State road requires the engagement of an RMS pre-qualified contractor. A list of pre-qualified contractors can be found on the RMS website below.

<http://www.rta.nsw.gov.au/doingbusinesswithus/tenderscontracts/prequalifiedcontractors.html>

Advice to the Consent Authority

- On the Minister's determination a copy of the Project Approval should be forwarded to RMS within the appellant period for advice, consideration and/or action where required.