



Transport
Roads & Maritime
Services

WST12/00027

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



Dear Sir

Western Coal Services Project (SSD-5579); Exhibition of Environmental Impact Statement

Thank you for your email received 20 August 2013 referring the Environmental Impact Statement for the Western Coal Services Project to Roads and Maritime Services for submissions.

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

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

Castlereagh Highway Overpass

The bridge structure over the Castlereagh Highway is to be designed and constructed to Roads and Maritime 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 bridge.
- The typical cross section width of the Castlereagh Highway at the overpass is to cater for a horizontal clearance of 14 metres for a two lane highway. The 14 metre horizontal clearance must be increased by the width of any additional lanes and medians.
- Wire rope safety barrier is to be used between the highway carriageway and the bridge structure, requiring 1.5 metres clearance from the barrier to the bridge structure.
- The applicant will be responsible for maintenance and subsequent removal of the proposed overpass structure 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 to ensure this.
- The bridge structure 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 Roads and Maritime 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).
- Traffic management during construction has not been addressed in the Environmental Impact Statement. 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 Roads and Maritime. The sidetrack is also to be designed to cater for oversized loads up to 8m wide that travel the highway.

General

- Sight distance along the highway is to be maintained at the existing level, this is to be addressed as part of the design of the haul road overpass.
- Any proposed road facilities and intersection treatments are to be in accordance with the *Austrroads Guide to Road Design* and Roads and Maritime supplements, including the provision of safe intersection sight distance. The Roads and Maritime supplements to the *Austrroads Guide to Road Design* are available online at www.rms.nsw.gov.au/doingbusinesswithus/ausroadsguides/road_design.html
- All non general-access vehicles will need to be approved by Roads and Maritime and the appropriate gazettal obtained for use of the road network, including local roads.
- Road Safety Audits are to be conducted at the design and pre-opening stages in accordance with *Austrroads 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 Roads and Maritime 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 Roads and Maritime.

Please keep Roads and Maritime informed of the progress of the Project Application. If you require any further information please contact Fiona Francis on (02) 6861 1688.

Yours faithfully

 25 SEP 2013

Tony Hendry
Road Safety and Traffic Manager
Western

Roads and Maritime WAD Advices

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

- Conditions of development consent do not guarantee Roads and Maritime consent to the specific road works, traffic control signals and /or other structures or works for which it is responsible. The Developer must obtain Roads and Maritime 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 Roads and Maritime Project Manager is recommended. Roads and Maritime 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 Roads and Maritime 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. Roads and Maritime 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 Roads and Maritime is satisfied that all requirements under the WAD have been met by the Developer, including Roads and Maritime fees and charges, an unconditional bank guarantee for the full value of the works, detailed design documentation, environmental assessment, road occupancy licence, among other matters. Roads and Maritime 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 Roads and Maritime 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 Roads and Maritime, under Part 5 of the EP&A Act.
- It is recommended that the developer use design consultants with the experience and knowledge of the Roads and Maritime design requirements, in particular the Austroads Guide to Road Design (with Roads and Maritime supplements) and relevant Australian Standards.
- Construction on a State road requires the engagement of a Roads and Maritime pre-qualified contractor. A list of pre-qualified contractors can be found on the Roads and Maritime website below.

<http://www.rms.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 Roads and Maritime within the appellant period for advice, consideration and/or action where required.