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with
Conditions



File 291.5395 08/I-I; C08/I146

Dinuka McKenzie
Major Infrastructure Assessments
Department of Planning
GPO Box 39
Sydney NSW 2001



Dear Madam

Queensland-Hunter Gas Pipeline MP 06_0286

I refer to correspondence received on 18 September 2008, seeking the comments, recommendations and/or suggested conditions of the Roads and Traffic Authority (RTA) in regard to the proposed Major Project 06_0286. It is noted that the following comments are from RTA Western Region, further correspondence from other RTA Regions will be sent separately. The coverage of Western Region is from the Queensland/NSW State border to Boggabri.

The material presented has been examined and the RTA will not object to the proposed development subject to the following requirements being addressed:

- Where possible the proposed pipeline should remain outside of the road reserve and the number of crossings under the road should be minimised.
- The applicant is to complete the details on the Consent form attached (under Part 9, Division 3 of the Roads Act, 1993). This form is to be submitted to the Parkes Regional Office for approval by the Asset Manager. A copy of the completed Consent form will then be forwarded to the Applicant.
- A copy of the Certificate of Currency for Public Liability Insurance, for an amount not less than \$20 Million, from the contractor carrying out the work, is to be provided with the Consent application.
- All works within the road reserve should include a description of the work location (including location plan), showing the distance from the nearest major intersection (or other well defined feature). Works-As-Executed Plans are to be provided to the Parkes Regional Office indicating final levels, distances and pipe locations upon completion of the works.
- The pipeline is to have a minimum cover of 1500mm under the road formation and 900mm to any other point on the surface within the road reserve, including from the bottom of any drain. Further to this the RTA requires that the pipeline be at such a depth that still allows future road maintenance to occur without interfering with the pipeline. This requires that the RTA be able to dig out up to 1m depth of existing pavement material and utilize heavy road construction equipment (eg. 24 tonne vibrating roller). If a suitable depth to allow this maintenance activity cannot be practicably achieved using under boring then trenching through the road formation may be considered by the RTA. This would require the installation of a concrete slab covering the pipeline in the trench, for extra protection.
- Crossings should be carried out using mechanical underboring construction rather than hydraulic means, unless it is impracticable to meet depth requirements to allow various RTA maintenance activities. In this case if a concrete slab over the pipe is required, trenching may be considered by the RTA.

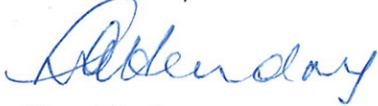
- Any crossing should be at right angles (or as near as possible) to the road centreline to minimise the impact area of pipe sensitivity. Also the crossing should avoid being in close proximity to any existing road intersection as there is an increased likelihood that there will be improvement maintenance works at that location in the future.
- In rural areas there should be readily visible location markers on either side of the road, located outside the clear zone (10m from edge line). In urban areas the location of the bore (or conduit) should be recovered on the kerb directly above the bore casing to enable its exact location to be determined should future roadworks be necessary.
- The pipeline in the road reserve should be located as near as practicable to the road reserve boundary. A minimum distance away from the road is to be provided to allow the RTA to conduct future works. This minimum distance is within the road reserve, running parallel to the road centreline. Such works include shoulder widening, curve improvement and any addition of an overtaking lane, without adversely impacting on the integrity of the pipeline. In the road reserve the pipeline should avoid any existing rest areas or active stockpile sites. Whilst rest areas and stockpile sites are located outside the road formation, they may still require future RTA maintenance activities.
- All arrangements for the control of traffic shall be in accordance with the RTA publication "Traffic Control at Work Sites". A Road Occupancy Licence is required prior to any works commencing within 3m of the travel lanes, submission of a traffic control plan is required as part of this licence. The Road Occupancy Licence can be obtained by contacting the Traffic Operations Manager, Paul Maloney on 02 6861 1686.
- For any works to be carried out within a Travelling Stock Route (TSR), the local Rural Lands Protection Board (RLPB), whose control that land comes under, shall be contacted for their concurrence to the work. Where the pipeline is within a TSR it should be well clear of any defined road corridors within that TSR.
- The Area Maintenance Manager Anan Pavan, based at the Dubbo District Office should be contacted for liaison, at least 10 days prior to commencing work, on (02) 6841 4773 or 0427218076.
- With regards to obtaining an easement through the road reserve of classified roads, please contact the Property Services Manager, Gordon Nixon on 02 6861 1433. The proposed locations and 'Terms of Easement' are to be forwarded for the RTA's consideration.
- The width of any easement within the road reserve should be minimised and be located as far from the road formation as possible. A minimum distance of 5-10 metres from the top of cut, bottom of fill or back of table drain should be allowed from the easement for maintenance and restoration of batter failures and formation widening as part of likely road reconstruction projects and upgrades over the medium term.
- Permanent markers are to be provided at the entry and exit points of the road reserve. Where steel casings are not used then a trace wire is to be provided to assist with the future location of the line.
- Pipes installed under the road are to be sleeved and grouted.
- Any access points and valves are to be located outside of the road reserve in adjacent local streets or properties.
- For any works that impact upon State Survey Markers, the Department of Lands should be contacted for their concurrence to the work.
- The RTA is not liable for any sub-surface conditions or existing services encountered. It is the proponent's responsibility to identify any existing services at the location and the RTA accepts no liability for any damage that you may cause.
- The RTA requires that any disturbance to the road carriageway and road reserve be reinstated to the existing condition.

The following comments relate to specific areas along the proposed pipeline route:

- The Boonangar Crossing Bridge will be replaced in the future, at this stage the location is not finalised. It should be expected that the new road alignment and bridge could be up to 500 metres upstream or downstream of the existing bridge. The RTA is to be contacted with regards to the design of the proposed pipeline near Boonangar Crossing.
- There is a proposal for future road widening at Camurra. In the area of 328-335 km, the pipeline should be located on the western boundary of the pipeline corridor. The RTA is to be contacted with regards to the design of the proposed pipeline near Camurra.

Should you require further information, please contact Fiona Nobes on (02) 6861 1688.

Yours faithfully



Tony Hendry
Road Safety & Traffic Manager
Western

21.10.08

ROADS AND TRAFFIC AUTHORITY

NEW SOUTH WALES

CONSENT

PART 9, DIVISION 3

ROADS ACT, 1993 NO. 33

Subject to the conditions set out under, the Roads and Traffic Authority of New South Wales (called "the Authority") hereby consents to the placement or erection by the person named in Schedule 1 (called "the Applicant") of the structure or work described in Schedule 2 (called "the work" which expression includes all incidental details) within or across the public road described in Schedule 3 (called "the road" which road is also a classified road pursuant to the State Roads Act 1986) in accordance with the conditions of this consent and in the position generally shown on the Plans and/or Specifications annexed and marked "A" and "B".

CONDITIONS

1. Prior to placing or erecting any part of the work the Applicant will obtain the permission of the Local Council pursuant to the Local Government Act, 1993 No. 30 and comply with any condition imposed by such permission.
2. The Applicant shall carry out the work at the cost of the Applicant in conformity with the said Plans and Specifications as approved by the Authority, to the satisfaction of the Authority's Asset Manager nominated in Schedule 4.
3. The Applicant shall maintain and keep the work in a proper state of repair to the satisfaction of the Asset Manager and the Council and shall carry out maintenance, renewal and repair work as expeditiously as possible and in conformity with any reasonable requirement of the Asset Manager and the Council and with any statute regulation or ordinance or direction by a public authority.
4. The Applicant at all times for the duration of this consent will not interrupt or otherwise disturb the traffic flow on the road without first obtaining the written consent of the Asset Manager.
5. The Applicant shall, if required by the Asset Manager or the Council by notice in writing, at the cost of the Applicant relocate or remove all or any part of the work, or, for the safety and protection of the public, carry out additional work and make good all damage done to the road by reason of such relocation or removal or carrying out of additional work.

Conditions Continued.

6. The Applicant shall at all times indemnify and keep indemnified the Authority and the Council from and against all actions suits proceedings losses costs damages charges claims and demands in any way arising out of or by reason of anything done or omitted to be done by the Applicant, in respect of the placement, erection, renewal, relocation, repair and maintenance of the work or of the existence or use thereof or by reason of the Authority having given this consent or by reason of any approval, direction or assent to anything done or purported to be done by the Applicant under this consent and that in respect of any matter covered by this indemnity the Authority and the Council shall be at liberty to pay, satisfy, defend, compromise or settle any claim action or other proceedings which may be made, threatened, instituted, commenced or prosecuted against the Authority or the Council and any amount paid by the Authority or the Council in accordance with this Clause shall be repaid by the Applicant.
7. The Applicant shall make good any damage caused to the property of any person or any property of the Authority or the Council by reason of the carrying out of any work by the Applicant under the conditions of this consent.
8. Nothing in this consent shall be deemed to:
 - i) Prejudice or affect the right of the public to free passage upon or along the road,
 - ii) Authorise any nuisance to or permanent obstruction of the road or public places,
 - iii) Confer upon the Applicant exclusive right or title to that part of the work within the boundaries of the road, or
 - iv) In any way restrict or limit the powers of the Authority and the Council in respect of the road.
9. Any notice or request hereunder may be serviced in the manner mentioned in Section 170 of the Conveyancing Act, 1919.
10. Should the Applicant fail to comply with any of these conditions or any requirement of the Authority or the Council as provided then this consent shall permanently lapse and any part of the work remaining within the road at that time shall be deemed to be an obstruction or encroachment under Part 7 Division 3 of the Roads Act and any person thereafter using or capable of using the work shall be deemed to be a person for the purposes of Section 107 (1)(b) of that Act.
11. Without limiting any power of the Authority or the Council under this consent or under any Act, the Applicant shall, in the event that this consent shall permanently lapse, and in such manner as the Authority or the Council may direct, remove and take away as speedily as possible the work insofar as the

Conditions Continued.

same may encroach upon or in any way affect the road and shall make good all damage done to the road by such removal.

12. Except insofar as the context or subject matter otherwise indicates or requires, a reference in this consent to the Applicant shall include a reference to the successors assigns agents and servants of the Applicant.
13. Upon commencement by the Applicant of any part of the work it shall be deemed that the Applicant has agreed with the Authority to comply with the conditions of this consent.

DATED AT PARKES THIS DAY OF , 20

SIGNED by)
as delegate of the)
Roads and Traffic Authority)
of New South Wales)

SCHEDULE 1

SCHEDULE 2

SCHEDULE 3

SCHEDULE 4
