

Appendix A

**CONSIDERATION OF CLAUSE 228(2)
FACTORS AND MATTERS OF
NATIONAL ENVIRONMENTAL
SIGNIFICANCE**

Clause 228(2) Checklist

Clause 228(2) of the EP&A Regulation 2000 provides a list of factors that should be considered in determining the likely impact of activities on the natural and built environment. These are summarised in **Table A.1** below.

Table A.1 – Assessment of Clause 228 Factors

Factor	Impact
Environmental impact on a community	During construction phase, the impacts on the community may include temporary increase in noise, vibration, air quality and changes to traffic flow. Long-term benefits include improved amenity within the CBD.
Transformation of a locality	Whilst some new roads would be constructed to facilitate the project the proposal would not result in any radical transformation of the locality
Environmental impact on the ecosystems of the locality	The proposal would result in short term impacts during construction but is not expected to result in long term impacts to ecosystems within the locality.
Reduction of the aesthetic, recreational, scientific or other environmental quality or value of a locality	No impacts anticipated in relation to recreational or scientific qualities or values. Some negative impacts to aesthetic qualities are possible in relation to the proposed alignment however these are considered to be offset by the positive changes resulting from the improved amenity of the main street. Overall impacts to environmental qualities are considered manageable and minor.
Effect on a locality, place or building having aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value for present or future generations	It is noted that the alignment has the potential to impact upon the heritage significance of the State Significant Railway Bridge over the Lachlan River. It is anticipated that detailed design would ensure that these impacts are minimised and the significance of the bridge is not undermined. This REF would be updated, if required, when detailed design has progressed.
Impact on the habitat of protected fauna	The proposal is not expected to result in any detrimental impacts to protected fauna.
Endangering of any species of animal, plant or other form of life, whether living on land, in water or in the air	There is low likelihood of endangering any form of life. Refer to Section 6.2 for detailed assessment and appropriate controls.
Long-term effects on the environment	Long term impacts would be generally positive through improvements to the amenity of the CBD and the safety of pedestrians in the CBD. Operational impacts are considered manageable subject to recommended controls.
Degradation of the quality of the environment	The proposal has the potential to degrade the environment in the short term as a result of accidental spills, soil erosion and sedimentation during construction however these are considered to be short term and manageable.
Risk to the safety of the environment	The proposal would not pose a risk to the surrounding environment. Mitigation measures would ensure risk and magnitude of short-term construction impacts are minimised
Reduction in the range of beneficial uses of the environment	Some minor changes to land use would occur however land to be acquired would be minimised through detailed design and would not significantly alter land use.
Pollution of the environment	Minimal noise and air pollution and sediment pollution. These would only occur during construction and mitigation options would minimise impacts.
Environmental problems associated with the disposal of waste	Waste materials would be reused or disposed of by an approved waste disposal contractor to an approved landfill facility.
Increased demands on resources (natural or otherwise) that are, or are likely to become, in short supply	It is not anticipated that there would be any increased demand on resources, natural or otherwise, that are or are likely to become in short supply.

Table A.1 – Assessment of Clause 228 Factors

Factor	Impact
Cumulative environmental effect with other existing or likely future activities	There are not expected to be any adverse cumulative environmental impacts by the proposal.
Any impact on coastal processes and coastal hazards, including those under projected climate change conditions.	No impact to coastal processes or hazards

Source: Cl. 228 Environmental Planning and Assessment Regulation 2000.

EPBC Act checklist

Table A.2 – Assessment of Factors in the EPBC Act

	EPBC Act Factors and Impact	Impact
A	Any environmental impact on a World Heritage Property? Comments: There are no World Heritage Properties within close proximity of the proposed activity. Mitigation Measures: N/A	Nil
B	Any environmental impact on Natural heritage places? Comments: There are no Natural heritage places listed on the National Heritage Register on site on or near the site. Mitigation Measures: N/A	Nil
C	Any environmental impact on wetlands of international importance? Comments: There are no Ramsar wetlands within close proximity to the activity. Mitigation Measures: N/A	Nil
D	Any environmental impact on Commonwealth listed threatened species and ecological communities? Comments: An endangered ecological communities and one threatened species are noted to occur close to the study area, however, with the adoption of the proposed mitigation measures, no Commonwealth listed species or communities are likely to be significantly impacted by the activity. Mitigation Measures: Refer Section 6.1, Table 7.1.	Nil
E	Any environmental impact on Commonwealth listed migratory species? Comments: The assessment found no significant impact on migratory species. Mitigation Measures: Refer Section 6.1	Nil
F	Any Nuclear Actions? Comments: The proposal does not contain any nuclear activities. Mitigation Measures: N/A	Nil
G	Any environmental impact on a Commonwealth marine area? Comments: No Commonwealth Marine Areas are located in the vicinity of the study area. Mitigation Measures: N/A	Nil
	Any direct or indirect effect on Commonwealth land? Comments: No Commonwealth land is located in the vicinity of the study area or would be directly or indirectly affected by the Proposal. Mitigation Measures: N/A	Nil