



Roads &
Maritime

Epping Road widening between Essex Street and Blaxland Road, Epping

Appendix A

Consideration of Clause 228(2) Factors and Matters of Environmental Significance

November 2015

| Factor | Impact |
|---|--|
| <p>f. Any impact on the habitat of protected fauna (within the meaning of the National Parks and Wildlife Act 1974)?</p> <p>The proposal would remove and/or impact about 2.68 hectares of predominantly planted and exotic vegetation. This includes the removal of one hollow-bearing tree and three habitat trees. Due to the modified and urban environment of the proposal site, the potential for protected species to use this area is reduced. The proposal would not result in a significant impact on protected fauna habitat.</p> <p>Impacts on protected fauna habitat would further be minimised through the implementation of the safeguards and management measures in section 6.5.</p> | Long-term minor negative |
| <p>g. Any endangering of any species of animal, plant or other form of life, whether living on land, in water or in the air?</p> <p>The proposal would remove and/or impact about 2.68 hectares of predominantly planted and exotic vegetation and would not result in the endangering of any flora or fauna species. Refer section 6.5.</p> | Neutral |
| <p>i. Any degradation of the quality of the environment?</p> <p>Construction would also result in potential traffic, noise and air quality impacts. These impacts would be minimised through the implementation of safeguards outlined in section 7.1.</p> <p>Construction activities have the potential to result in impacts to water quality as a result of pollutants such as sediment, soil nutrients, waste, and fuels and chemicals entering the stormwater system. Potential impacts to water quality would be managed with the implementation of controls provided in sections 6.3 and 6.4.</p> | Short-term minor negative Long-term nil |
| <p>j. Any risk to the safety of the environment?</p> <p>There is potential for road safety to be decreased during construction due to altered traffic conditions and detours. Traffic management safeguards including the preparation of a traffic management plan, would address safety risks.</p> <p>The proposal would improve safety for road users during operation by reducing congestion and queuing, improved intersections and pedestrian and cyclist facilities.</p> | Short-term potential negative Long-term moderate positive |
| <p>k. Any reduction in the range of beneficial uses of the environment?</p> <p>The proposal would not result in the reduction in the range of beneficial uses of any property.</p> <p>During construction, minor traffic impacts due to an increase in heavy vehicle movements and interruptions to traffic flow would temporarily reduce the beneficial use of the local road network.</p> | Short-term minor negative |
| <p>l. Any pollution of the environment?</p> <p>The proposal could potentially result in minor short-term water pollution from sediments, soil nutrients, waste, and spilt fuels and chemicals. Management of water quality impacts would be undertaken in accordance with the mitigation measures outlined in sections 6.3 and 6.4.</p> <p>The proposal would result in minor short-term air pollution from plant and machinery and the generation of dust during construction. Management of air quality impacts would be undertaken in accordance with the mitigation measures outlined in section 6.9.</p> | Short-term minor negative |
| <p>m. Any environmental problems associated with the disposal of waste?</p> <p>The proposal would involve the removal and disposal of asbestos waste which would be adequately managed in accordance with safeguards provided in sections 6.12 and 6.13. All other waste streams generated during construction are common and would pose no difficulty in their disposal. Waste would be recycled wherever possible.</p> | Short-term minor negative |

| Factor | Impact |
|---|---|
| <p>n. Any increased demands on resources (natural or otherwise) that are, or are likely to become, in short supply?</p> <p>All resources required for the proposal are readily available and are not in short supply.</p> | <p>Nil</p> |
| <p>o. Any cumulative environmental effect with other existing or likely future activities?</p> <p>Temporary potential cumulative impacts may occur as a result of construction activities occurring simultaneously with the construction of Castle Towers, North West Rail Link and the Crane Road Precinct.</p> <p>The long-term effect of upgrading Showground Road would have a positive cumulative impact on travel times, road safety and efficiency, facilitating the anticipated increase in traffic volumes as a result of future traffic predictions and population growth.</p> | <p>Short-term minor negative</p> <p>Long-term moderate positive</p> |
| <p>p. Any impact on coastal processes and coastal hazards, including those under projected climate change conditions?</p> <p>The proposal is not located within a coastal area and therefore would not result in any impact on coastal processes and coastal hazards.</p> | <p>Nil</p> |

Matters of national environmental significance

Under the environmental assessment provisions of the *Environment Protection and Biodiversity Conservation Act 1999* the following matters of national environmental significance and impacts on Commonwealth land are required to be considered to assist in determining whether the proposal should be referred to the Australian Government Department of the Environment.

Consideration of matters of national environmental significance

| Factor | Impact |
|--|--------|
| a. Any impact on a World Heritage property? No. Two world heritage listed properties are located within a 10 kilometre radius buffer of the proposal site and would not be impacted by the proposal. | Nil |
| b. Any impact on a National Heritage place? Five National Heritage places are identified within a 10 kilometre radius buffer of the proposal site. The proposal would not impact on any of these places. | Nil |
| c. Any impact on a wetland of international importance? The proposal would not have any impact on a wetland of international importance. There are no wetlands of international importance within 10 kilometres of the proposal site. | Nil |
| d. Any impact on a listed threatened species or communities? The proposal would not result in significant impacts on any threatened species or communities. | Nil |
| e. Any impacts on listed migratory species? The proposal is considered unlikely to impact upon migratory species due to the lack of suitable habitat in the vicinity of the proposal. | Nil |
| f. Any impact on a Commonwealth marine area? The proposal would not have any impact on a Commonwealth marine area. | Nil |
| g. Does the proposal involve a nuclear action (including uranium mining)? The proposal does not involve a nuclear action. | Nil |
| h. Additionally, any impact (direct or indirect) on Commonwealth land? No. The proposal would not impact Commonwealth land. | Nil |