

**Environmental Planning and Assessment Regulation 2021 - Assessment of Section 171**

*a) Any environmental impact on a community.*

**Positive Impact/Permanent:** The proposed works will benefit the community by providing a safer and more efficient traffic situation along GMD. A full assessment of benefits has been provided within Section 2 of the REF.

**Minor Impacts/Temporary:** Minor constructional based impacts may be experienced by the local community; however, these are considered inconsequential given their temporary nature and would be managed through the safeguards proposed within Section 6 of the REF.

*b) Any transformation of a locality.*

**Negligible:** The proposed works will transform the arrangement of the existing GMD road corridor. The locality however, would generally remain the same.

*c) Any environmental impact on the ecosystems of the locality.*

**No Impact/Permanent:** The works area is clear of native vegetation and threatened species.

**Minor Impacts/Temporary:** Minor constructional based impacts may be experienced by the ecosystems of the locality; however, these are considered inconsequential given their temporary nature and would be managed through the safeguards proposed within Section 6 of the REF.

*d) Any reduction of the aesthetic, recreational, scientific or other environmental quality or value of a locality.*

**Positive Impact/Permanent:** The proposed works will result in improvements to the amenity and environmental quality of the locality, and will provide an improved pedestrian/cyclist experience along GMD through the introduction of shared pathways on each side of the road.

**Minor Impacts/Temporary:** Minor constructional based impacts may occur to aesthetic, recreational, scientific and environmental quality of the locality; however, these are considered inconsequential given their temporary nature and would be managed through the safeguards proposed within Section 6 of the REF.

*e) Any 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.*

**Nil:** The proposal would not have any adverse impacts on a locality, place or building with aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value for present or future generations.

There are no known items of heritage or social significance at the locality. Environmental safeguards in Section 6 of the REF would be adopted to ensure that unexpected finds are managed appropriately.

*f) Any impact on the habitat of protected fauna (within the meaning of the National Parks and Wildlife Act 1974)*

**Nil:** The proposal would not impact on the habitat of any protected or endangered fauna.

*g) Any endangering of any species of animal, plant or other form of life, whether living on land, in water or in the air.*

**Nil:** The proposal would not endanger any species of animal, plant or other form of life, whether living on land, in water or in the air as all the works would be contained within the road corridor, shoulder and reserve, and no tree removal would be required.

*h) Any long-term effects on the environment.*

**Positive Impact/Permanent:** The proposed works will provide a safer and more efficient traffic situation along GMD.

*i) Any degradation of the quality of the environment.*

**Minor Impacts/Temporary:** Minor constructional based impacts may temporarily degrade the quality of the environment; however, these are considered inconsequential given their temporary nature and would be managed through the safeguards proposed within Section 6 of the REF.

**Positive Impact/Permanent:** The proposed works will improve the quality of the environment for the reason listed above and within Section 2 of the REF.

*j) Any risk to the safety of the environment.*

**Minor Impacts/Temporary:** Minor constructional based impacts may temporarily present a risk to the environment; however, these are considered inconsequential given their temporary nature and would be managed through the safeguards proposed within Section 6 of the REF.

**Positive Impact/Permanent:** The proposed works will improve the safety of the traffic environment along GMD for the reason listed within Section 2 of the REF.

*k) Any reduction in the range of beneficial uses of the environment.*

**Minor Impacts/Temporary:** The proposal would cause a minor adjustment in the existing arrangement of the road at the site of the proposed works, as result of temporary disruption during construction, which would potentially increase travelling time for the road users in the short-term. These will be managed and reduced through the safeguards proposed within Section 6 of the REF.

**Positive Impact/Permanent:** There would be no long-term reduction in the range of beneficial uses of the environment as a result of the proposed works, however the improved traffic safety and efficiency situation is considered to have a benefit to surrounding businesses.

*l) Any pollution of the environment.*

**Minor Impacts/Temporary:** Minor constructional based impacts may temporarily pollute the environment, in particular through noise, air quality and potential water degradation. These are considered inconsequential given their temporary nature and would be managed through the safeguards proposed within Section 6 of the REF.

*m) Any environmental problems associated with the disposal of waste.*

**Nil:** The construction stage will generate wastes which will be managed with specific measures provided within the CEMP. It is likely that the main waste will be excess dirt, weeds and other general construction-based waste. Waste will be disposed of at an appropriate facility or re-used where possible.

*n) Any increased demands on resources (natural or otherwise) that are, or are likely to become, in short supply.*

**Nil:** Materials would be sourced locally where possible and it is unlikely that materials required are likely to become, in short supply.

*o) Any cumulative environmental effect with other existing or likely future activities.*

**Minor Impacts/Temporary:** Short term potential cumulative impacts associated with construction should other construction projects occur in the same locality at the same time. These are considered inconsequential given their temporary nature and would be managed through the safeguards proposed within Section 6 of the REF.

*p) Any impact on coastal processes and coastal hazards, including those under projected climate change conditions.*

**Nil:** The proposed works are not located within close proximity to any coastlines or areas potentially affected by climate change.