

Golden Highway Upgrade at Winery Hill

Review of environmental factors
consistency review 2 – additional
landscape feature

Roads and Maritime Services | November 2019

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Prepared by Roads and Maritime Services


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Document controls

Approval and authorisation

Title	Golden Highway Upgrade at Winery Hill Review of environmental factors consistency review 2
Accepted on behalf of Roads and Maritime NSW by	Ryan de Carteret Project Manager
Signed:	
Dated:	5/11/2019

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1. Introduction

1.1 The determined project

Roads and Maritime Services (Roads and Maritime) completed a review of environmental factors (REF) of the Golden Highway Upgrade at Winery Hill in July 2018. The REF described the project, assessed the potential environmental and social impacts associated with the construction and operation of the project and identified safeguards and management measures to avoid, mitigate or manage those potential impacts.

After consideration of the REF, Roads and Maritime made a decision to proceed with the project on 31 July 2019.

1.2 Purpose

This consistency review is prepared when there is a proposed modification to a determined REF. It helps to ensure that any proposed modifications are undertaken in accordance with the statutory requirements of the *Environmental Planning and Assessment Act 1979* (EP&A Act) and the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

The purpose of this consistency review is to:

- Describe the determined project and the proposed modification
- Review the potential environmental impacts of the proposed modification against the environmental impacts of the determined project
- Decide whether or not the proposed modification is consistent with the determined project in accordance with the EP&A Act and the EPBC Act requirements
- Based on the decision of whether or not the proposed modification is consistent with the determined project, identify any further environmental impact assessment or environmental management requirements applicable to the proposed modification.

2. The proposed modification

2.1 The proposed modification

The proposed modification includes the provision of an additional construction area for development of a permanent landscape feature.

The proposed additional construction area is approximately 40 metres long by up to 40 metres wide. The proposed additional construction area is located within the Golden Highway road corridor, on the western side of Edderton Road.

The additional construction area is located adjacent to the existing construction footprint and wholly within the REF proposal area as shown in Figure 1.



Figure 1 – Additional construction area

Selected earthworks materials (approximately 2,000 tonnes) that conform to the EPA's Excavated Public Road Material waste (EPRM) exemption would be reused on site in the creation of a beneficial landscape feature by widening and flattening the road batters adjacent to the Golden Highway instead of being disposed off-site.

2.2 Need for the proposed modification

The proposed modification is required to allow for the reuse of selected materials that conform to the EPA's EPRM waste exemption in the creation of a beneficial landscape feature.

The proposed modification is consistent with the project objectives to improve safety and efficiency for road users of the Golden Highway.

2.3 Consultation

No stakeholder or community consultation would be required for the proposed modification, as no impacts or issues additional to those already identified and considered by the determined project would result from the proposed modification.

3. Consistency review

3.1 Potential environmental impacts

Table 3-1: Comparison of environmental impacts

Environmental issue	Consideration of the relative environmental impacts of the proposed modification compared to the determined project
Geology and soils	Neutral impacts compared to determined project. EPRM selected for the landscape feature gained from the road corridor.
Land surface	Neutral impacts compared to determined project. Minor adjustments to existing road formation.
Hydrology/Hydrological issues	Neutral impacts compared to determined project. Drainage and flooding performance would reflect the approved project.
Biodiversity	Neutral impacts compared to determined project. Proposed modification would not impact any threatened ecological community or species. The area was not recorded as a specific vegetation community type in the REF and comprises predominantly pasture grasses. Proposed modification would be managed in accordance with the Construction Environmental Management Plan (CEMP) and be revegetated at the completion of works.
Traffic, transportation and access	Positive impact compared to determined project. Proposed modification would reduce traffic impacts during construction by reducing transport of EPRM for disposal off-site , equivalent to approximately 60 truck and dogs.
Water transport	Neutral impacts compared to determined project.
Land use and property	Neutral impacts compared to determined project.
Noise and vibration	Neutral impacts compared to determined project. Proposed modification would be managed in accordance with the Construction Environmental Management Plan (CEMP).

Environmental issue	Consideration of the relative environmental impacts of the proposed modification compared to the determined project
Aboriginal cultural heritage	Neutral impacts compared to determined project. Proposed modification is located wholly within the assessed area and does not impact on any known Aboriginal sites or areas of PAD. It is noted that the proposed modification is proximate to Winery Hill 1 (artefact scatter). Proposed modification would be managed in accordance with the Construction Environmental Management Plan (CEMP) eg implementation of safeguards such as temporary flagging or fencing to delineation heritage sites.
Non-Aboriginal heritage	Neutral impacts compared to determined project.
Landscape character and visual impacts	Positive impact compared to determined project. Proposed modification would provide a beneficial landscape feature and be revegetated with a native landscape treatment at the completion of works.
Water quality	Neutral impacts compared to determined project. Proposed modification would be managed in accordance with the Construction Environmental Management Plan (CEMP).
Air quality	Neutral impacts compared to determined project. Proposed modification would be managed in accordance with the Construction Environmental Management Plan (CEMP).
Socio-economic issues	Neutral impacts compared to determined project.
Climate change	Neutral impacts compared to determined project.
Waste and resource management	Positive impact compared to determined project. Proposed modification would improve waste management through greater reuse of EPRM on site. This material (approximately 2,000 tonnes) may otherwise require disposal at a waste facility.
Hazard and risk	Neutral impacts compared to determined project.
Cumulative impacts	Neutral impacts compared to determined project.

3.2 EPBC Act factors

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 for the proposed modification.

Table 3-2: Comparison of EPBC Act factors

Factor	Consideration of the relative impact of the proposed modification compared to the determined project and if applicable any change to the EPBC strategic assessment or other EPBC approval
Any impact on a World Heritage property?	Nil change to determined project.
Any impact on a National Heritage place?	Nil change to determined project.
Any impact on a wetland of international importance?	Nil change to determined project.
Any impact on a listed threatened species or communities?	Nil change to determined project.
Any impacts on listed migratory species?	Nil change to determined project.
Any impact on a Commonwealth marine area?	Nil change to determined project.
Does the proposal involve a nuclear action (including uranium mining)?	Nil change to determined project.
Additionally, any impact (direct or indirect) on Commonwealth land?	Nil change to determined project.

3.3 Licences, permits and approvals

Table 3-3: Comparison of licence, permit and approval requirements

Existing requirement for the determined project	Identification of additional requirements or any change to the existing requirements as a result of the proposed modification
Environment Protection Licence	No change to existing requirements as a result of the proposed modification.

3.4 Consistency review

Table 3-4 below presents a set of questions to assist in identifying whether the proposed modification is consistent with the determined project, or if further environmental impact assessment is required. These questions are addressed with consideration to the information above.

Table 3-4: Consistency review questions

Consistency questions	Discussion	Response
Q1) Is the proposed modification to be carried out as part of a project which has a determined REF?	The proposed modification would be carried out as part of a project with a determined REF.	Yes
Q2) Is the proposed modification so different in scope and impacts to the determined REF as to be a radical transformation and so, in reality, an entirely new project?	The proposed modification is of a very minor scope, with impacts aligned to those identified and considered by the determined REF. The proposal is not a radical transformation, and is not an entirely new project	No
Q3) If the proposal is subject to the EPBC strategic assessment or other EPBC Act approval, would the proposed modification change the potential impacts on matters of national environmental significant or the environment of Commonwealth land?	The proposal is not subject to the EPBC strategic assessment or other EPBC Act approval, and the proposed modification would not change the potential impacts on matters of national environmental significant or the environment of Commonwealth land.	No
Q4) If the proposal is subject to a Species Impact Statement (SIS) or Biodiversity Development Assessment Report (BDAR), would the proposed modification change the potential impacts on areas of outstanding biodiversity value, threatened species or ecological communities and their habitats as set out in the SIS or BDAR and its Conditions?	The proposed modification was not subject to a SIS or BDAR and would not change the potential impacts on areas of outstanding biodiversity value, threatened species or ecological communities and their habitats.	No
Q5) Would the proposed modification result in a reduction of the overall environmental impacts of the determined project including that it would not be likely to trigger the EPBC Act strategic assessment, other EPBC approval, SIS or BDAR?	The proposed modification would reduce traffic and transport impacts described in the REF. The proposed modification would also reduce the volume of EPRM that may otherwise be transported off site for disposal by approximately 2,000 tonnes.	Yes

Consistency questions	Discussion	Response
Q6) Whatever the outcome of the consistency review, are modifications to any other authorisations, or new authorisations, required, eg environment protection licences, Heritage Act permits, permits under the Fisheries Management Act etc?	No other new authorisations are required in relation to the proposed modification.	No

4. Conclusion


The consistency review has considered the proposed modification in terms of consistency against the determined project Golden Highway Upgrade at Winery Hill.

As set out in Table 3-4 above, the proposed modification is considered to be consistent with the determined project, and would not result in any change to the potential impacts identified and assessed by the existing assessment for the project. No additional impacts that would likely trigger other approval would be generated.

5. Certification and endorsement

5.1 Certification – Consistency review preparer

This document provides a true and fair consistency review of the scope and potential impacts of the proposed modification compared with the scope and environmental impacts of the determined project.

Signed 

Name Ryan de Carteret

Position Project Manager

Date 05/11/2019

5.2 Roads and Maritime certification and endorsement

I have reviewed the scope and potential environmental impacts of the proposed modification against the determined project. The proposed modification would reduce the overall environmental impacts of the determined project and as such, in accordance with section 5.4(a) of the EP&A Act, is exempt from further environmental impact assessment.

The CEMP and erosion and sediment control sub plan will be updated to incorporate the modification.

In accordance with section 5.4(a) of the EP&A Act I endorse the findings of this consistency review subject to adoption of my requirements in the table below.

Requirements	<ul style="list-style-type: none">• Despite provisions of the EPRM waste exemption, the landscape feature would not be used for the placement of steel, blast slag, bitumen, reclaimed asphalt pavement, gravel, slag from iron and steel manufacturing, fly and bottom ash, brick, concrete, ceramics etc, that can otherwise be recycled off-site at approved recycling facilities• Implement all applicable safeguard, management measures and procedures contained within the approved CEMP and management sub plans to avoid encroachment and/or direct/indirect impacts beyond the approved project boundary
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Signed _____
Name Stuart Pigott

Position Roads and Maritime Senior Environment
officer

Date _____



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Customer feedback
Roads and Maritime
Locked Bag 928,
North Sydney NSW 2059

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