

Golden Highway Upgrade at Winery Hill

Review of environmental factors
consistency review – Additional landscape
features

Roads and Maritime Services | June 2019

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landscape feature

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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
Accepted on behalf of Roads and Maritime NSW by	Ryan de Carteret Project Manager
Signed:	
Dated:	12/6/2019

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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 2018.

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 two additional construction areas for development of a permanent landscape feature.

The proposed additional construction areas are each approximately 150 metres long by up to 20 metres (maximum) wide. The proposed additional construction areas are located either side of an existing vegetated stormwater drainage channel.

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

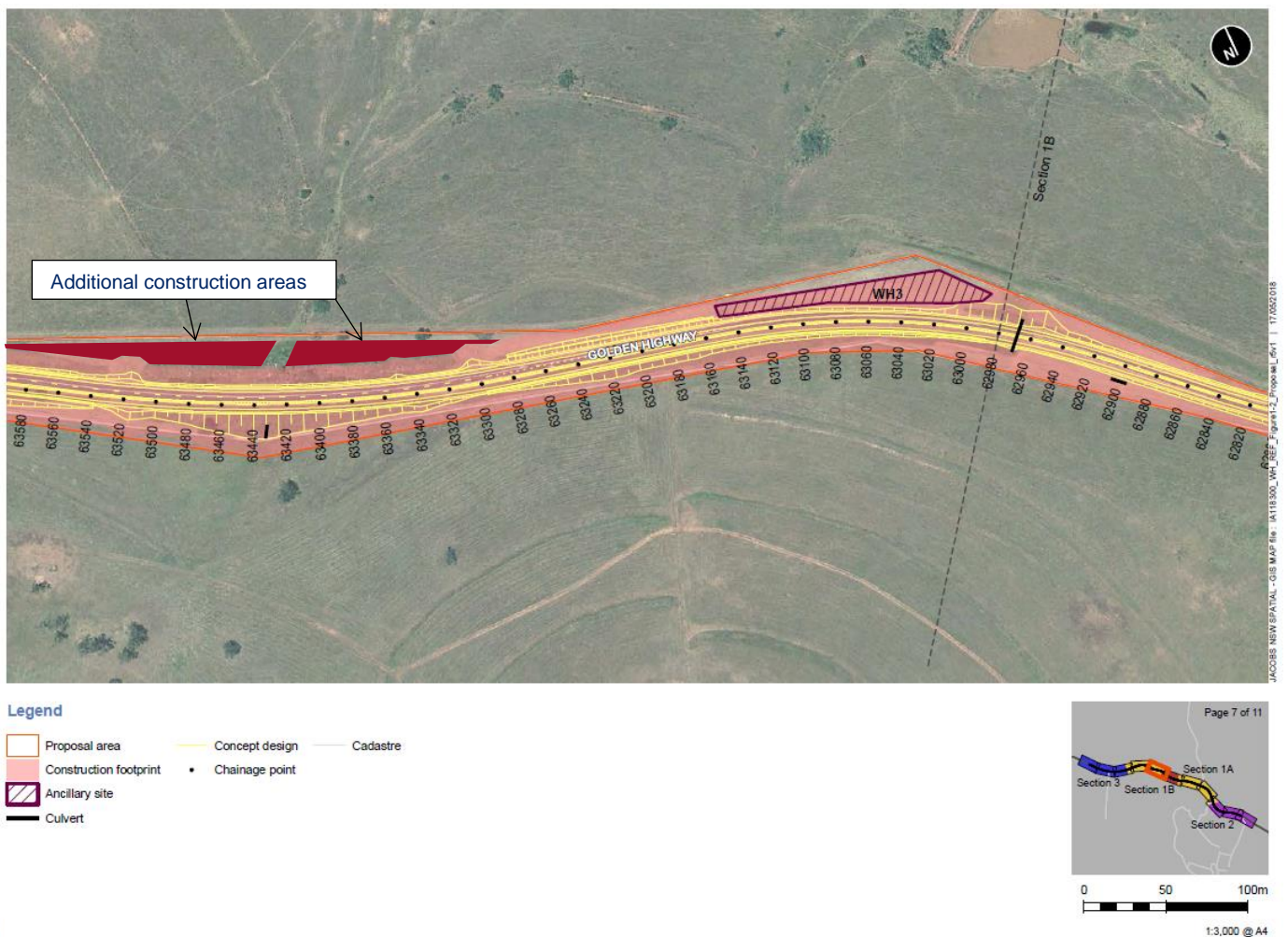


Figure 1 – Additional construction areas

Selected earthworks materials would be reused on site in the creation of a beneficial landscape feature 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 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	<p>Neutral impacts compared to determined project.</p> <p>Material selected for the landscape feature gained from the road corridor.</p>
Land surface	<p>Neutral impacts compared to determined project.</p> <p>Minor adjustments to existing road corridor.</p>
Hydrology/Hydrological issues	<p>Neutral impacts compared to determined project.</p> <p>Drainage and flooding performance shall reflect the approved project.</p>
Biodiversity	<p>Neutral impacts compared to determined project.</p> <p>Proposed modification would not impact any threatened ecological community or species.</p> <p>Proposed modification would be managed in accordance with the Construction Environmental Management Plan (CEMP) and be revegetated at the completion of works.</p>
Traffic, transportation and access	<p>Positive impact compared to determined project. Proposed modification would reduce traffic impacts during construction by reducing transport of earthworks materials for disposal off-site.</p>
Water transport	<p>Neutral impacts compared to determined project.</p>
Land use and property	<p>Neutral impacts compared to determined project.</p>
Noise and vibration	<p>Neutral impacts compared to determined project.</p> <p>Proposed modification would be managed in accordance with the Construction Environmental Management Plan (CEMP).</p>
Aboriginal cultural heritage	<p>Neutral impacts compared to determined project.</p> <p>Proposed modification is located wholly within the assessed area and does not impact on any known Aboriginal sites or areas of PAD.</p> <p>Proposed modification would be managed in accordance with the Construction Environmental Management Plan (CEMP).</p>
Non-Aboriginal heritage	<p>Neutral impacts compared to determined project.</p>

Environmental issue	Consideration of the relative environmental impacts of the proposed modification compared to the determined project
Landscape character and visual impacts	Positive impact compared to determined project. Proposed modification would provide a beneficial landscape feature and be revegetated 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 earthworks materials on site.
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.

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 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. The proposed modification is wholly within the area covered by the existing Environmental Protection Licence - 'Extractive activities'.

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

Consistency questions	Discussion	Response
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.	Yes
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 12/6/2019

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.

Signed 

Name Stuart Pigott

Position Roads and Maritime Environment officer

Date 20.6.19



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