
HERITAGE PERMIT

GRANTED UNDER SECTION 102 OF THE
HERITAGE ACT 2017

Permit No: P39170

Applicant:



NAME OF PLACE/OBJECT: RAILWAY TUNNEL

HERITAGE REGISTER NUMBER: H1106

LOCATION OF PLACE/OBJECT: GEELONG-COLAC LINE GEELONG, GREATER
GEELONG CITY

THE PERMIT ALLOWS: Tunnel remediation works including lowering the invert, rock bolting, new drainage, tunnel repairs and new retaining walls to the north and south end of the tunnel portal, generally in accordance with the following documents:

- **Heritage Impact Statement - Proposed invert lowering works at the Geelong Railway Tunnel Railway Tunnel, Geelong-Colac Line, between Ryrie and Little Myers Streets, Geelong, prepared Architectus – Conrad Gargett dated April 2024 – Rev F including revised engineering drawings**

THE FOLLOWING CONDITIONS APPLY TO THIS PERMIT:

1. The permission granted for this permit will expire if one of the following circumstances applies: the permitted works have not commenced within two (2) years of the original date of issue of this permit, or are not completed within four (4) years of the original date of issue of this permit. Commencement of the permit begins with onsite physical works.
2. The Executive Director Heritage Victoria is to be given five working days' notice of the intention to commence the approved works.

ENGAGEMENT OF CONSULTANTS

3. Prior to the commencement of any of the works approved by this permit, a suitably experienced **heritage consultant** approved in writing by the Executive Director, Heritage Victoria, must be engaged to advise and assist as necessary in the preparation of the documentation where any intervention to built fabric of heritage significance is involved and to provide relevant conservation advice to the permit holder during the carrying out of those works. In particular the heritage consultant must help fulfill conditions 10-12 of this permit.
4. Prior to the commencement of any of the works approved by this permit, a suitably experienced **structural engineer** approved in writing by the Executive Director, Heritage Victoria, must be engaged to advise and assist as necessary in the preparation of documentation and the fulfillment of works. The approved structural engineer shall advise the permit holder on appropriate measures to ensure the protection and structural stability of the tunnel prior to and during the undertaking of the works. The structural engineer must help fulfill conditions 5-10 of this permit.

STRUCTURAL AND VIBRATION MONITORING

5. Prior to the commencement of any stage of the works of the works associated with excavation works, the structural engineer approved at condition 4 must provide a **report on acceptable levels of vibration** that the tunnel can tolerate during construction. The report must also provide a reporting schedule and measures and protocols to be put in place in the event that the vibration threshold is approached or exceeded. This report must be submitted to the Executive Director Heritage Victoria for approval. Once approved the report will be endorsed and will then form part of the permit.
6. Prior to the commencement of any stage of the works associated with excavation works, **vibration monitoring equipment** must be installed as a precautionary measure to ensure vibration levels are monitored and maintained in accordance with the report endorsed at condition 5.

STAGING PLAN

7. Prior to the commencement of works approved by this permit, a **Staging Plan** which provides an overview of the order in which approved works will be commenced must be submitted to the Executive Director Heritage Victoria for approval. Once approved, the Staging Plan will be endorsed and will then form part of the permit.
8. Prior to the commencement of works identified in the Staging Plan referred to in Condition 7, a Heritage Protection Plan(s) must be submitted to the Executive Director Heritage Victoria for approval. Once approved, the Heritage Protection Plan(s) will be endorsed and will then form part of the permit. The Heritage Protection Plan(s) must include a sequencing program for the approved works, details of any temporary infrastructure and services required, protection methods for the heritage place during the undertaking of the works, and a work site layout plan. For the stage associated with tunnel excavation works the Heritage Protection Plan must show details of:
 - Sequences of construction and temporary propping to demonstrate how the invert can be built to prevent movements of the heritage tunnel
 - Low-impact excavation techniques for the removal of the existing fabric
 - Proposed storage of the bricks and other original fabric throughout the works
9. Prior to the commencement of works identified in the Staging Plan referred to in Condition 7 **a final construction ready (marked as such) set of structural drawings** for the works must be submitted to the Executive Director Heritage Victoria for approval. Once approved, they will be endorsed and will then form part of the permit. The submitted drawings shall be generally in accordance with the documents referenced in the permit preamble. Details of the engineering design must be advanced to a detailed proposal stage. Drawings must address the following:
 - Ground conditions, groundwater and drainage
 - Details of sequences of construction and temporary propping
 - Show how the horizontal and vertical loads are supported and balanced at all stages of construction and consider the interaction between permanent works and temporary works.

10. Prior to the commencement of works identified in the Staging Plan referred to in Condition 7, **final construction ready (marked as such) set of architectural, mechanical and hydraulic drawings** must be submitted to the Executive Director Heritage Victoria for approval. Once approved, they will be endorsed and will then form part of the permit.

CONSERVATION WORKS

11. Prior to the commencement of conservation works, the heritage consultant approved under condition 3 must prepare a **schedule and specification for conservation/repair works** to be submitted to the Executive Director Heritage Victoria for approval. Once approved the schedule and drawings of conservation works will be endorsed and will then form part of the permit. Works approved at this condition must be completed within the period of validity of the permit.

12. Following completion of the conservation works required under Condition 11, the approved heritage consultant must submit to the Executive Director Heritage Victoria, for their approval, a **brief written report** confirming that the conservation works have been completed and the extent to which the completed conservation works conformed to good practice in their professional judgement. A Heritage Victoria representative may require a visit the place to inspect and confirm the satisfactory completion of the works.

GENERAL CONDITIONS

13. Should further **minor changes** in accordance with the intent and approach of the endorsed documentation become necessary, correspondence and supporting documentation must be prepared and lodged in accordance with the permit condition for endorsement by the Executive Director Heritage Victoria. If the Executive Director considers that the changes are not minor, an amendment to the permit or a new application will be required.

14. Approved works or activities are to be planned and carried out in a manner which prevents damage to the registered place/object. However, if other previously hidden original or inaccessible details of the object or place are uncovered, any works that may affect such items must immediately cease. The Executive Director Heritage Victoria must be notified of the details immediately to enable Heritage Victoria representatives to inspect and record the items, and for discussion to take place on the possible retention of the items, or the issue of a modified approval.

15. All works must cease, and Heritage Victoria must be contacted if historical archaeological artefacts or deposits are discovered during any excavation or subsurface works.

16. The Executive Director Heritage Victoria must be informed when the approved works have been completed.

17. The works approved by this permit must be carried out in their entirety unless otherwise agreed in writing by the Executive Director Heritage Victoria.

NOTE THAT PERMISSION HAS BEEN GIVEN FOR INSPECTIONS OF THE PLACE OR OBJECT TO BE UNDERTAKEN DURING THE CARRYING OUT OF WORKS, AND WITHIN SIX (6) MONTHS OF NOTIFICATION OF THEIR COMPLETION.

TAKE NOTICE THAT ANY NATURAL PERSON WHO CARRIES OUT WORKS OR ACTIVITIES NOT IN ACCORDANCE WITH THE PERMIT OR CONDITIONS IS GUILTY OF AN OFFENCE AND LIABLE TO A PENALTY OF 120 PENALTY UNITS (\$22,190.40 FROM 1 JULY 2022) OR IN

**THE CASE OF A BODY CORPORATE 600 PENALTY UNITS (\$110,952 FROM 1 JULY 2022)
UNDER s104 THE HERITAGE ACT 2017.**

**WORKS UNDERTAKEN WITHOUT A PERMIT OR PERMIT EXEMPTION CAN INCUR A FINE OF
UP TO 4800 PENALTY UNITS (\$887,616 FROM 1 JULY 2022) FOR A NATURAL PERSON OR 5
YEARS IMPRISONMENT OR BOTH AND UP TO 9600 PENALTY UNITS (\$1,775,232 FROM 1
JULY 2022) IN THE CASE OF A BODY CORPORATE UNDER SECTION 87 OF THE HERITAGE
ACT 2017.**

**THE ATTENTION OF THE OWNER AND/OR APPLICANT IS DRAWN TO THE NEED TO OBTAIN
ALL OTHER RELEVANT PERMITS PRIOR TO THE COMMENCEMENT OF WORKS.**

Date Issued:
29 May 2024

**Signed as delegate for the Executive Director,
Heritage Victoria pursuant to the Instrument of
Delegation**



A handwritten signature in black ink, appearing to read "Nicola Stairmand".

Nicola Stairmand
Manager, Statutory Approvals
Heritage Victoria