



### Final Comment

#### In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999) and the KwaZulu-Natal Heritage Act (Act 4 of 2008)

Attention: KZN Department of Transport

**An existing culvert along the Provincial Road P230 is structurally degraded and required replacement. As the replacement involves the infilling of more than 10 cubic metres into a watercourse, a Basic Assessment study is required. As the culvert replacement occurs within an existing road/road reserve, a Heritage Assessment is not proposed. Unfortunately, there is no way of confirming the age of the culvert as there are no as-built drawings available and the culvert does not have it on the structure. The bridge engineer confirms that it is definitely not older than 60 years.**

Thank you for submitting the Heritage Impact Assessment Report conducted by the heritage specialists, Frans Prins of Active Heritage and Gideon Groenewald . The field-survey based Cultural Heritage Report indicates that there are no heritage sites on the footprint extending 50m on either side of the footprint. The Paleontological Desktop study on the other hand established that the area of proposed development is underlain by Swazian aged granites and metamorphic rocks as well as Permian aged sandstone and shale of the Vryheid and Volksrust Formations, Ecca Group and the Emakwezini Formation of the Karoo Supergroup . A High Palaeontological Sensitivity is allocated to the study area underlain by the Volksrust Formation and a Very High sensitivity to areas underlain by the Vryheid and Emakwezini Formations. These areas should be monitored by a paleontologist during excavation. A Phase 1 PIA document and Chance Find Protocol must be prepared in all areas where excavation will exceed 1.5m. The CFP document must be included as part of the EMP of this project.

A paleontologist must be appointed to monitor the sensitive sections as indicated in the Paleontological report. A copy of this record of decision must be kept on site for reference by the ECO and project implementing team.

Amafa therefore has no objection to the development provided the developer has appointed the paleontologist and adheres to these site specific recommendations and mitigation measures . You are also required to adhere to the below-mentioned standard conditions:

#### Conditions:

1. Amafa should be contacted if any heritage objects are identified during earthmoving activities and all development should cease until further notice.
2. No structures older than sixty years or parts thereof are allowed to be demolished altered or extended without a permit from Amafa.
3. No activities are allowed within 50m of a site, which contains rock art.
4. Sources of all natural materials (including topsoil, sands, natural gravels, crushed stone, asphalt, etc.) must be obtained in a sustainable manner and in compliance with the heritage legislation.

Failure to comply with the requirements of the National Heritage Resources Act and the KwaZulu Natal Heritage Resources Act could lead to legal action being instituted against the applicant.



## P230 Culvert Replacement

Our Ref: SAH17/11205

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CaseID: 11205

Date: Wednesday August 23, 2017

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This decision is **valid for a period of two years.**

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Bernadet Pawandiwa  
Senior Heritage Officer  
Amafa/Heritage KwaZulu Natal

Annie van de Venter Radford  
Deputy Director: Research, Professional Services and Compliance  
Amafa/Heritage KwaZulu Natal

### ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/400792>  
(EDTEA, Ref: )

### Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to Amafa immediately.
3. Amafa reserves the right to request additional information as required.



Amafa AkwaZulu-Natali  
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