

## Inge Erasmus

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**From:** Evan Burger <Evan.Burger@westerncape.gov.za>  
**Sent:** Thursday, 07 March 2019 11:30 AM  
**To:** Gert Meiring  
**Cc:** 'Ashley America'; Stephanus J Schoeman; Johannes Neethling; Schalk Carstens  
**Subject:** RE: PRJ#33589: PRINCE ALBERT MUNICIPALITY : ENQUIRY : WAYLEAVE APPLICATION TO CROSS N12 NATIONAL ROAD WITH IRRIGATION PIPELINE: KLAARSTROOM

Mr Meiring

This Branch, the Road Authority of Trunk Road 33 section 4 (N12), will consider an application to cross its road. A motivational letter with your detailed drawings attached thereto will be sufficient to serve as an application.

It must be noted that this Branch will not consider an application proposing to cross the road via either a culvert or by means of trenching; only trenchless technology will be considered. You are welcome to contact this Branch's Chief Structural Engineer, Mr J Neethling (copied into this email), to obtain his comments on an attachment to the bridge.

Note that your purple line follows a portion of Minor Road 7048, for which this Branch is the Road Authority as well.

Regards

Evan Burger

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Be 110% Green. Read from the screen.



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**From:** Gert Meiring [mailto:gertm@bvinc.co.za]  
**Sent:** 07 March 2019 10:40 AM  
**To:** Evan Burger <Evan.Burger@westerncape.gov.za>  
**Cc:** 'Ashley America' <ashley@pamun.gov.za>  
**Subject:** PRJ#33589: PRINCE ALBERT MUNICIPALITY : ENQUIRY : WAYLEAVE APPLICATION TO CROSS N12 NATIONAL

## ROAD WITH IRRIGATION PIPELINE: KLAARSTROOM

**Importance:** High

Good Morning Mr Burger

I received your contact details from Colene Runkel of SANRAL Western Region Office in Cape Town. She informed me that the N12 National Route between Klaarstroom and the N1 (Beaufort West) resorts under the administration of the Western Cape Provincial Government and not SANRAL. Subsequently, I have taken the liberty to approach you on behalf of the Prince Albert Municipality.

There is currently a project underway to upgrade and improve the existing Klaarstroom Wastewater Treatment Plant located just north of the N12 at Klaarstroom Village. The proposed project includes the option to re-use the treated effluent for irrigation on the Klaarstroom sportsfield, which is again located on the south side of the N12 national road. We have subsequently looked at options of bring this water by means of a 160mm diameter low pressure gravity main from a storage pond at the WWTP to the Klaarstroom Sportsfields, which entails crossing the N12 National Road.

Although there are one or two small stormwater culverts passing through the road formation(see photos), we have identified the following possible options:

1. Attach pipe to the bridge structure passing over the Grootrivier (RED line on layout photo)
2. Passing the pipe through an existing stormwater culvert (YELLOW line or PINK line on layout photos)
3. Passing the pipe through the road formation utilizing a new open excavation with construction taking place in halves. Position to be finalized.

The last option could also be done using Horizontal Directional Drilling instead of open excavation.

Given the above, we hereby attach a proposed layout showing the options available and would dearly appreciate your inputs and comments in this regard.

In addition to the above, we would like to enquire if you could assist us in following the correct procedure for applying for a wayleave on behalf of our client (Prince Albert Municipality).

Should you require us to meet with you in person, we are more than willing to meet with you either on site or at your offices at your convenience.

Your kind response with regards to the above would be greatly appreciated.

**Gert Meiring** *Pr Tech Eng*

**Director**

Civil Department

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