



20 February 2013

**EIA BASIC ASSESSMENT: PROPOSED CONSTRUCTION OF A BRIDGE OVER THE KAALPLAASSPRUIT
FOR THE SOSHANGUVE SOUTH EXT 6 DEVELOPMENT, SITUATED ON PART OF PORTION 279 (A PTN
OF PTN 122) AND A PART OF THE REMAINDER OF PORTION 170 (PTN OF PTN 1) OF THE FARM
KLIPFONTEIN 268 JR**

Introduction

SAFDEV SSDC (Pty) Ltd is proposing to construct a bridge over the Kaalplaasspruit to provide access to the eastern phase of the Soshanguve South Ext 6 low-cost housing development, on Part of Portion 279 (Ptn of Ptn 122) and a part of the remainder of Portion 170 (Ptn of Ptn 1) of the farm Klipfontein 268 JR.

Different alternatives are being considered for the proposal. This includes several size combinations on culvert sections. The aim is to reduce the environmental impacts of the bridge while maximising the social benefits of said infrastructure.

Prism EMS cc has been appointed as the independent environmental consultants to conduct the Basic Assessment process for the proposed installation, in terms of the National Environmental Management Act (Act No. 107 of 1998 as amended 2010)

Law

As per Government Notice No. 544: *Listing notice 1: list of activities and competent authorities identified in terms of sections 24(2) and 24D*, published on 18 June 2010, the construction of a bridge over a watercourse is listed as activity (11) as follows:

The construction of:

[...]

(iii) bridges;

[...]

where such construction occurs within a watercourse or within 32 meters of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.

In terms of this notice, a Basic Assessment Report is required for this listed activity, in reference to Government Notice No. R. 543 (18 June 2010), relating to the National Environmental Management Act (Act No. 107 of 1998) and entitled: Environmental Impact Assessment Regulations.

A Water Use Licence Application (WULA) is also required in terms of Section 21 of the National Water Act (NWA).

21(c) impeding or diverting the flow of water in a watercourse

21 (i) altering the bed, banks, course or characteristics of a watercourse

Location and Size

The proposed Soshanguve South Ext 6 township development is part of the so-called Thorntree View integrated development. This low-cost housing development is strategically located north of the Rosslyn Industrial area, northwest of the CBD of Pretoria and is within the Municipal borders of the City of Tshwane Metropolitan Municipality (CTMM).

A Spoornet railway line forms both the Eastern and Southern boundary of the site and the Western boundary of the site borders the K63 provincial road. The Kaalplaasspruit floodline towards the East bisects the site. The Kaalplaasspruit and its associated 1:50 and 1:100 year floodlines form a broad greenbelt area. This band of land, which will not be developed, divides the site in two areas. Around two-thirds of Soshanguve South Extension 6 is located west of the green area, and the remaining third lies east of the river. See layout plan in Appendix G. As can be seen on the plan, this Eastern third (a triangle) is bordered on two sides by rail lines, and on the third by the Kaalplaasspruit. Hence, access to this portion is envisaged via a bridge over the Kaalplaasspruit, for which this environmental application is being made.

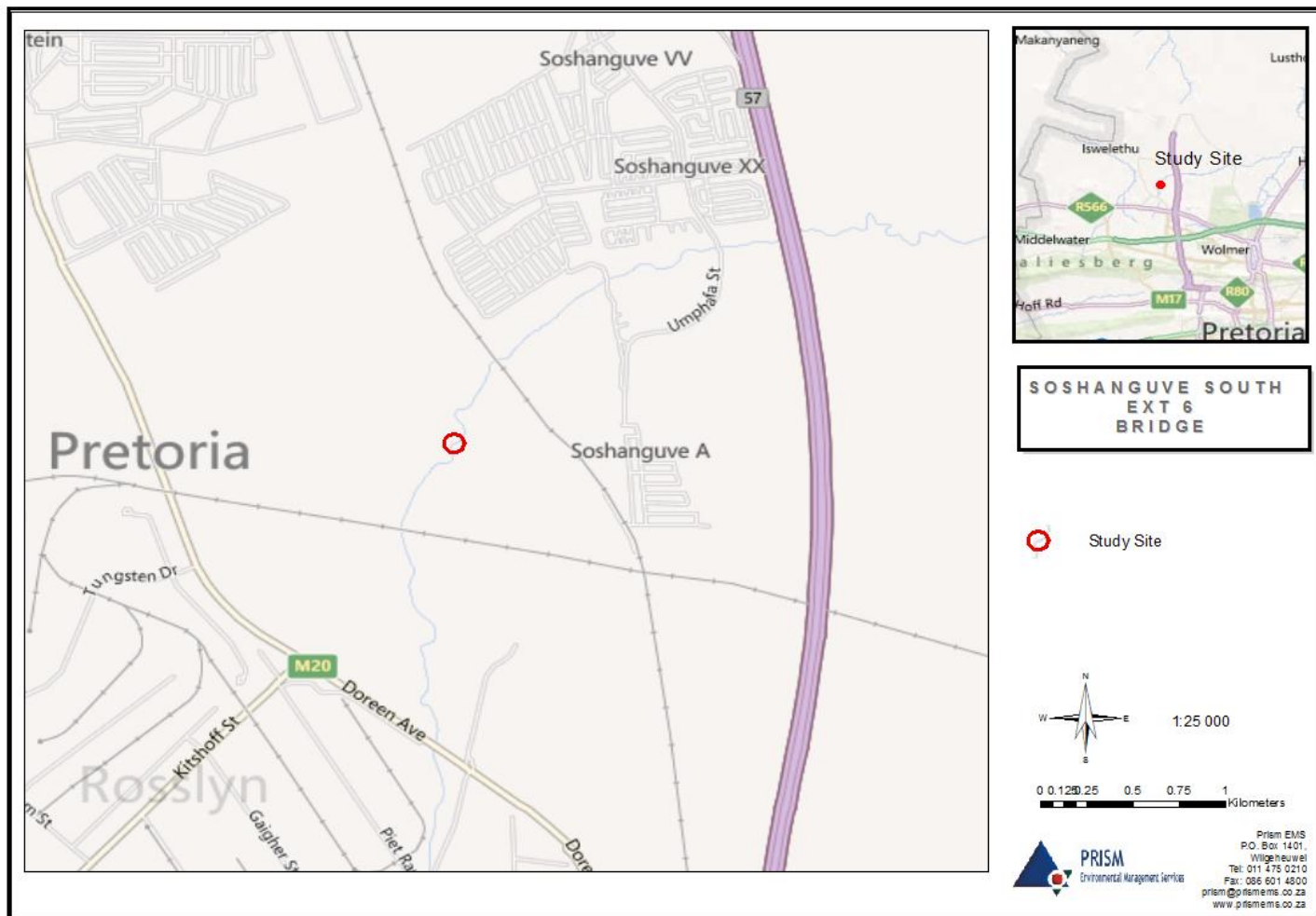


Figure 1: Locality map depicting the surrounding area, road and rail, and the location of the proposed bridge.

Existing Land Use and Zoning

The site is zoned as 'agricultural' and is currently subject to a township establishment application. The eastern section of the development (to be accessed by the proposed bridge) is currently inhabited by approximately 2000 residents of an informal settlement. This particular area needs to be formalised like all the other squatted portions in the same area in terms of the turnkey agreement SAFDEV SSDC (Pty) Ltd have signed with the City of Tshwane.

Surrounding Land Uses

The proposed bridge over the Kaapplaasspruit shall fall entirely within the Soshanguve South Ext 6 low-cost housing development which is proposed to be established on the following farm portions:

- Portion 279 (a portion of portion 122) of the farm Klipfontein 268 JR
- Remainder of Portion 170 (a portion of portion 1) of the farm Klipfontein 268 JR

Thus the bridge in question is surrounded by the low-cost housing community which it is proposed to serve. services.

Alternatives

Different alternatives are being considered for the proposal. This includes several size combinations on culvert sections. The aim is to reduce the cumulative impacts of the bridge.

Registering as Interested and Affected Parties

Parties wishing to formally register as Interested and Affected Parties or require additional information are to submit their correspondence in writing to reach Prism EMS **no later than thirty (30) days after the issue of this notice (20 February 2013)**. Please quote Prism EMS Ref No.: 21125 - Soshanguve South Ext. 6 and GDARD Ref. No. GAUT 002/12-13/E0247