

APPENDIX 5A

BACKGROUND INFORMATION DOCUMENT





BACKGROUND INFORMATION DOCUMENT

PROPOSED CONSTRUCTION OF ROAD K6 BETWEEN THE FUTURE PLANNED ROAD K207 (KNOWN AS HONINGNESTKRANS ROAD/D1931) AND THE EXISTING ROAD K139 (KNOWN AS THE MOLOTO ROAD/R573), CITY OF TSHWANE METROPOLITAN MUNICIPALITY, GAUTENG PROVINCE.

THIS BACKGROUND INFORMATION DOCUMENT SERVES TO INFORM THE PUBLIC OF THE APPLICATION TO BE LODGED IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 107 OF 1998 (NEMA) AS AMENDED.

APPLICANT: Gauteng Province Department of Roads and Transport (Gautrans) Mr. Tshepo Molapo Candidate Engineering Technician PO Box X83 Marshalltown 2017 Tel: 011 355 7268 E-Mail: Tshepo.molapo@gauteng.gov.za	ENVIRONMENTAL CONSULTANT: REC Services (Pty) Ltd. t/a Rock Environmental Consulting Mr. Rowan van Tonder/ Mr Pieter van der Merwe P.O. BOX 40541 MORELETA PARK 0044 Tel: (012) 997 4742 Fax: (012) 997 0415 E-mail: rock.rowan@lantic.net
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10 & 11 MAY 2017

1. PURPOSE OF THIS BACKGROUND INFORMATION DOCUMENT

The purpose of this document is to:

- Notify the identified Interested and Affected Parties (I&APs) of the Environmental Impact Assessment (EIA) Regulations in accordance with stipulations made in Government Notice R. 326 of 7 April 2017 published in terms of chapter 6 of the National Environmental Management Act (Act No. 107 of 1998) as amended.
- Present stakeholders with an overview of the perceived environmental, biophysical and social impacts of the proposed development.
- Provide I&APs with a Locality Map (Appendix 1) indicating the extent & position of the proposed development.
- Obtain issues and concerns from the I&APs regarding the environmental assessment process and proposed development, which will be addressed/used for the planning, construction and operational phases of this proposed construction of road K6 between the future planned road K207 (known as Honingnestkrans road/D1931) and the existing road K139 (known as the Moloto road/R573).

2. INTRODUCTION AND STATEMENT OF INDEPENDENCE

2.1 INTRODUCTION

REC Services (Pty) Ltd. t/a Rock Environmental Consulting (REC) was approached by Warren Mclachlan and Edward Archer from SMEC South Africa (Pty) Ltd. for the application for authorization for the construction of road K6 between the future planned road K207 (known as Honingnestkrans road/D1931) and the existing road K139 (known as the Moloto road/R573).

The public participation process aims to provide an opportunity for I&APs to comment on the proposed development, such that relevant information exchanges will enable the EIA process to focus the study on reasonable and relevant issues, predominantly relating to environmental impacts that the proposed development may have. The Environmental Impact Assessment Report to be compiled by REC will focus on the possible issues and impacts associated with the proposed development, and where negative impacts are identified, recommendations will be made to mitigate such impacts.

REC and its environmental assessment practitioners have no connection with the applicant. REC is not a subsidiary, legally or financially of the applicant. Remuneration for services pertaining to this assessment and application is not linked to approval by

decision-making authorities responsible for authorizing the proposed activities. REC and its environmental assessment practitioners have no interest in secondary or downstream developments as a result of the authorisation of the proposed activities.

3. KEY LEGISLATION APPLICABLE TO THIS NOTICE

3.1 NATIONAL ENVIRONMENTAL MANAGEMENT ACT 108 OF 1998 AS AMENDED

Listed activity triggered in the 2017 NEMA regulations as currently anticipated:

R. 327, 7 April 2017 - Listing Notice 1: Basic assessment Activities	
Activity No	Listed Activity Description:
12	The Development of - (ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such developments occur - (a) within a watercourse;
19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse;
R. 325, 7 April 2017 - Listing Notice 2: Full EIA Activities	
27	The development of a road - (iii) with a reserve wider than 30 metres; or (iv) catering for more than one lane of traffic in both directions;
R. 324, 7 April 2017 - Listing Notice 3: Basic assessment Activities in Geographical areas	
ACTIVITY NO	Listed Activity Description:
4	The development of a road wider than 4 metres with a reserve less than 13,5 metres. c. Gauteng: iv. Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Supported Areas (ESAs) in the Gauteng Conservation Plan or bioregional plans; v. Sites identified within threatened ecosystems listed in terms of the

	<p>National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004);</p> <p>vii. Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas;</p>
10	<p>The development and related operations of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of 30 but not exceeding 80 cubic metres.</p> <p>c. Gauteng:</p> <p>iv. Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Supported Areas (ESAs) in the Gauteng Conservation Plan or bioregional plans;</p> <p>v. Sites identified within threatened ecosystems listed in terms of the National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004);</p> <p>vii. Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas;</p>
12	<p>The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>c. Gauteng:</p> <p>ii. Within Critical Biodiversity Areas or Ecological Supported Areas in the Gauteng Conservation Plan or bioregional plans;</p>
14	<p>The development of-</p> <p>(ii) infrastructure or structures with a physical footprint of 10 square metres or more;</p> <p>where such development occurs -</p> <p>(a) within a watercourse;</p> <p>c. Gauteng:</p> <p>iv. Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Supported Areas (ESAs) in the Gauteng Conservation Plan or bioregional plans;</p> <p>v. Sites identified within threatened ecosystems listed in terms of the National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004);</p>

3.2 NATIONAL WATER ACT 36 OF 1998

Notice is also herewith given in terms of the National Water Act, 1998 (Act 36 of 1998) with regards to the application for a General Authorisation and/or Registration of the water use activities associated with the proposed road K6, which includes:

- (c) impeding or diverting the flow of water in a watercourse; and
- (i) altering the bed, banks, course or characteristics of a watercourse.

3.3 NATIONAL HERITAGE RESOURCES ACT 25 OF 1999)

Notice is also given of a Phase 1 Heritage Impact Assessment to take place in terms of The National Heritage Resources Act (Act 25 of 1999), for Gautrans.

4. PROJECT INFORMATION

4.1 PROPOSED ACTIVITY

Proposed construction of road K6 between the future planned road K207 (known as Honingnestkrans road/D1931) and the existing road K139 (known as the Moloto road/R573), Gauteng Province.

4.2 BASIC PROJECT DESCRIPTION

The project consists of the preliminary design and a full EIA process of the future planned Road K6 between the future planned Road K207 (Currently known as Honingnestkrans Road, or D1931) north of the Bon Accord Dam to the existing Road K139 (Also known as the Moloto Road, or the R573) north of the Roodeplaas Dam Nature Reserve. The proposed alignment is to the north of the Pyramid Railway Yard between the K97 and the N1 freeway.

This portion of Road K6 intersects with the following roads:

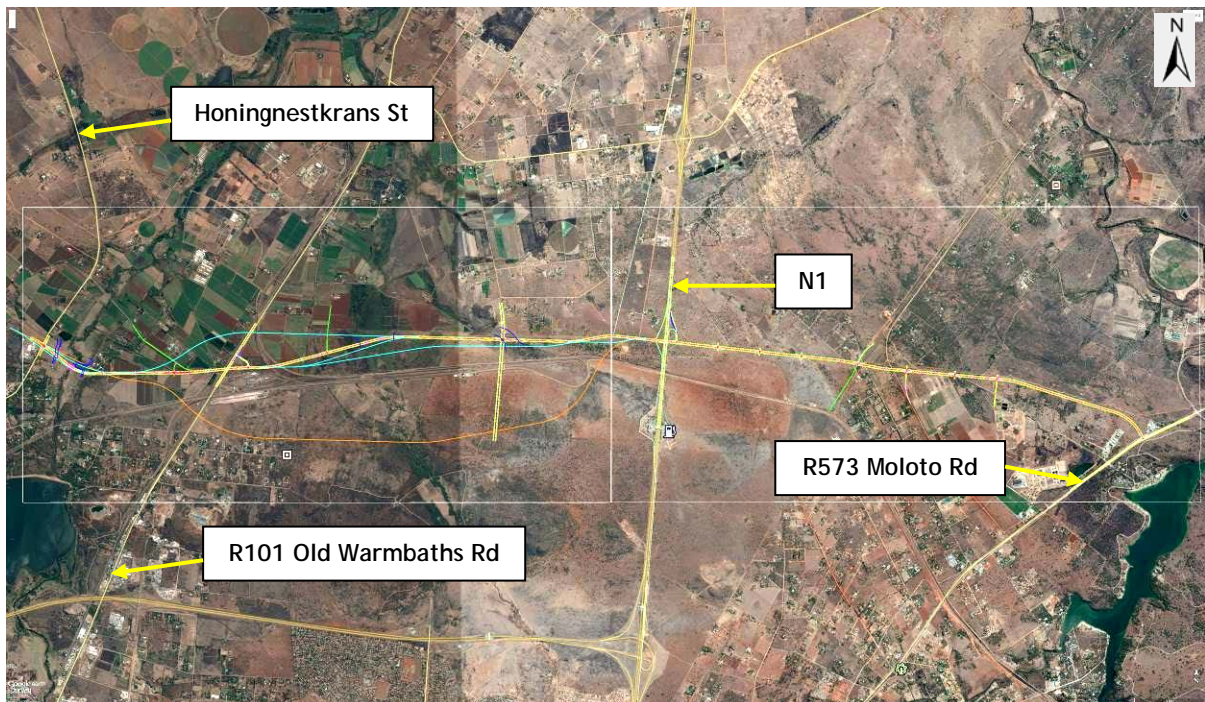
- K207 - Honingnestkrans Road/ Road D1931;
- D434 - Sphinx Road via a new proposed connection to K6;
- K97 - Old Warmaths Road/ R101 via a proposed quarter-link connection;
- Puma Road - Provision is being made for a future southward extension of Puma Road to intersect with Road K6;
- K99 - A planned future provincial road, connecting to the N4 at the Dr Swanepoel Road interchange;
- N1 Section 22 - via an interchange that is already planned and approved at basic planning stage;

- D2518 - A planned future deviation of Poppyweg Road, connecting to the Wallmansthal area;
- The existing Poppyweg Road - realigned according to existing planning; and
- Provision is being made for five possible future intersections between Rynoue AH and Wallmasnthal.

The approved existing preliminary design of the K6/ N1 interchange and eastward extension is under review as part of this project.

4.3 LOCALITY

The future planned Road K6 is between the future planned Road K207 (Currently known as Honingnestkrans Road, or D1931) north of the Bon Accord Dam to the existing Road K139 (Also known as the Moloto Road, or the R573) north of the Roodeplaas Dam Nature Reserve. The proposed alignment is to the north of the Pyramid Railway Yard between the K97 and the N1 freeway. Please refer to the Google Earth image on page 6. The detailed locality plan is presented in Appendix 1 of this notice.



4.4 CONSIDERATION OF ALTERNATIVE SITES

Two other alternatives exist in terms of the proposed routes. These alternatives will be looked at and assessed in the EIA process.

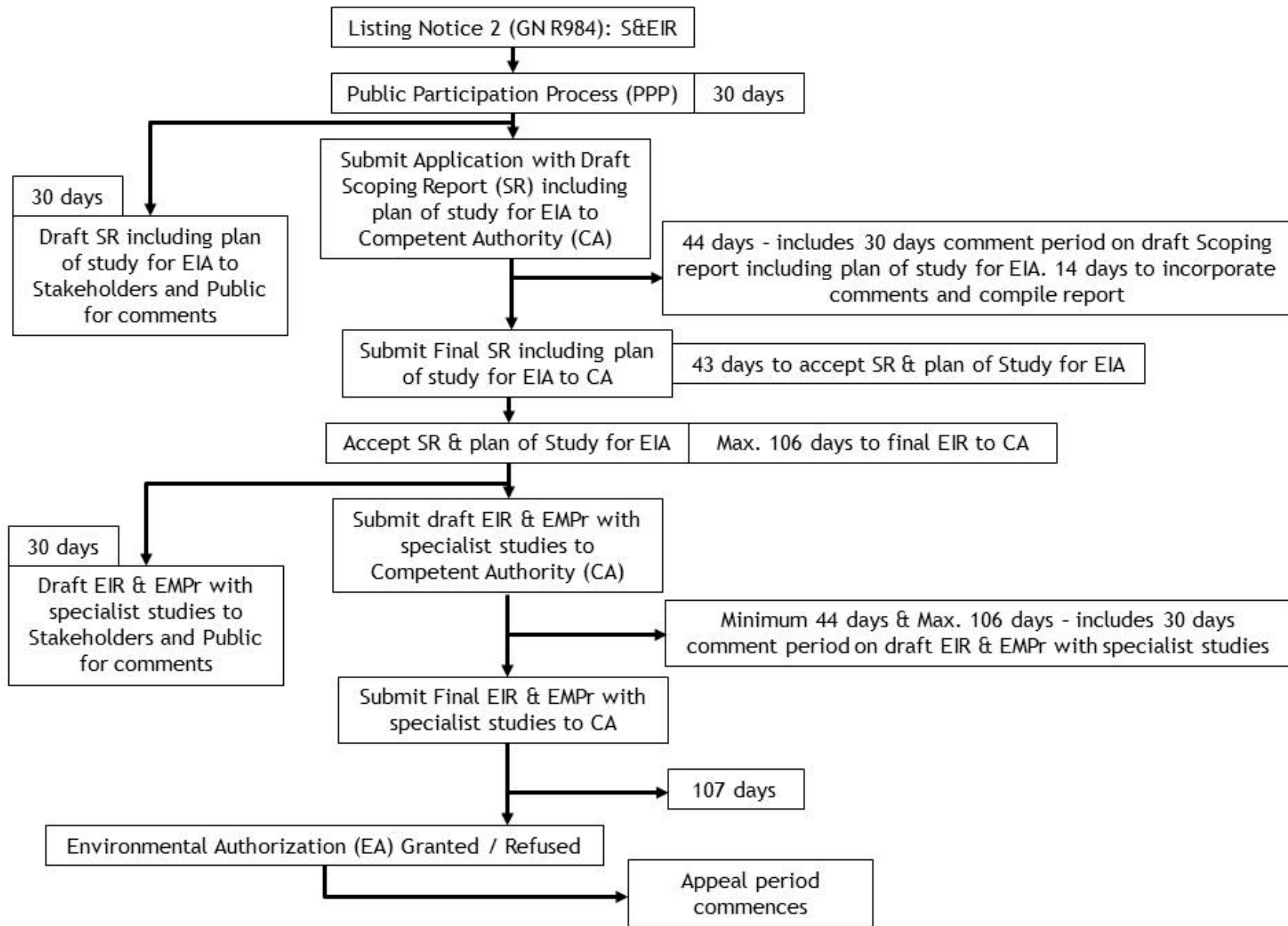
5. ENVIRONMENTAL STUDY PROCESS

The Environmental Impact Assessment process consists of two main components, namely (i) the technical/biophysical process and (ii) the public participation process.

- The technical process includes, but is not limited to, the following aspects:
 - Terrain investigations;
 - Specialist Studies , including but not limited to:
 - An ecological study of the site, including functional biodiversity aspects on Threatened Ecosystems. A site rehabilitation plan to give effect to the recommendations of the biodiversity assessment in the report requested above, as the case may be;
 - The specialist studies must examine all cumulative impacts of the activity on the site and the surrounding environment;
 - The identification and assessment of biophysical elements within the study area;
 - Compilation of a Scoping and Environmental Impact Assessment Report with Environmental Management Programme.
- The public participation process includes:
 - Compilation of a database of stakeholders and Interested and Affected Parties;
 - Legal notices of the environmental process (press advertisement and on-site);
 - Dissemination of information to stakeholders and I&APs;
 - If needed, conduct an open day(s) or meetings where Interested and Affected Parties can view the lay-out plan and be informed of the functioning of the treatment process in basic terms;
 - Identification of environmental, as well as social issues and concerns, as raised by I&APs or other relevant stakeholders, and
 - Addressing all concerns raised by I&APs.

The public participation process is conducted in parallel with the Environmental Impact Assessment process (technical/biophysical process). The public participation process does not aim to promote agreement amongst I&APs or quell possible opposition against a project. The process is made open and transparent to all those involved. Additionally, it is considered important to involve I&APs as early in the Environmental Impact Assessment process as possible, to ensure informed decision-making and effective participation throughout the study.

The Environmental Impact Assessment Process contains the following steps (Gazette notice no. 38282):



6. PRELIMINARY ENVIRONMENTAL RELATED ISSUES IDENTIFIED

The following issues are identified on a preliminary basis:

- Dust generation from construction during construction phase.
- Possible hazardous (Diesel, oil) fluids being spilled during construction phase.
- Removal of vegetation (natural and alien).
- Traffic Safety during construction phase.
- Loss of valuable agricultural land.
- Possible wetland and drainage line alteration in functionality.
- Loss of property and property value.

7. PUBLIC OPEN DAYS

Public open days will be held:

VENUE	DATE	TIMES
Die Poort Primary School/Laerskool School Hall Plot 311 Kameeldrift-Oos pad Derdepoort 0038 Latitude (S): -25.674735° Longitude (E): 28.302542°	Wednesday 24 May 2017	15h00 - 19h00
Uniefees Primary School/Laerskool School Hall 130 Ou Warmbad Road Waterval Pretoria 0120 Latitude (S): -25.548772 Longitude (E): 28.248058	Monday 29 May 2017	15h00 - 19h00

8. COMMENTS / OBJECTIONS

Kindly submit the attached Registration and Comment Sheet, to register as an Interested and Affected Party, with possible issues and concerns relating to the proposed development, as well as any additional I&APs that you would like to be involved in the process, to the **Environmental Consultant** (refer to the contact details given above).

The Registration and Comment Sheet should reach us no later than 30 days (excluding public holidays) from the date of this BID.

We thank you for your interest and for taking the time to read through this document.

REGISTRATION AND COMMENT SHEET:

PROPOSED CONSTRUCTION OF ROAD K6 BETWEEN THE FUTURE PLANNED ROAD
K207 (KNOWN AS HONINGNESTKRANS ROAD/D1931) AND THE EXISTING ROAD
K139 (KNOWN AS THE MOLOTO ROAD/R573), CITY OF TSHWANE METROPOLITAN
MUNICIPALITY, GAUTENG PROVINCE.

Please complete and return as soon as possible, but no later than 12 June 2017 to:

Mr. Rowan van Tonder, PO Box 40541, Moreleta Park, 0044

Tel: (012) 997 4742 Fax: (012) 997 0415 e-mail: rock.rowan@lantic.net

Title _____ Initials _____ Surname _____

Organisation/Firm/Position/Nature of Involvement in the project e.g. property
owner:

Street / Physical Address:

Postal address:

Postal Code: _____

Telephone Work: _____ Telephone Home: _____

Cell phone: _____ Fax: _____

E-mail: _____

COMMENTS:

It would be useful if you could answer the questions below but please feel free to provide any comments you would like to raise. Please continue on additional paper if required.

1. What are the primary concerns faced by you/ your community/ your organisation with regards to the proposed development?

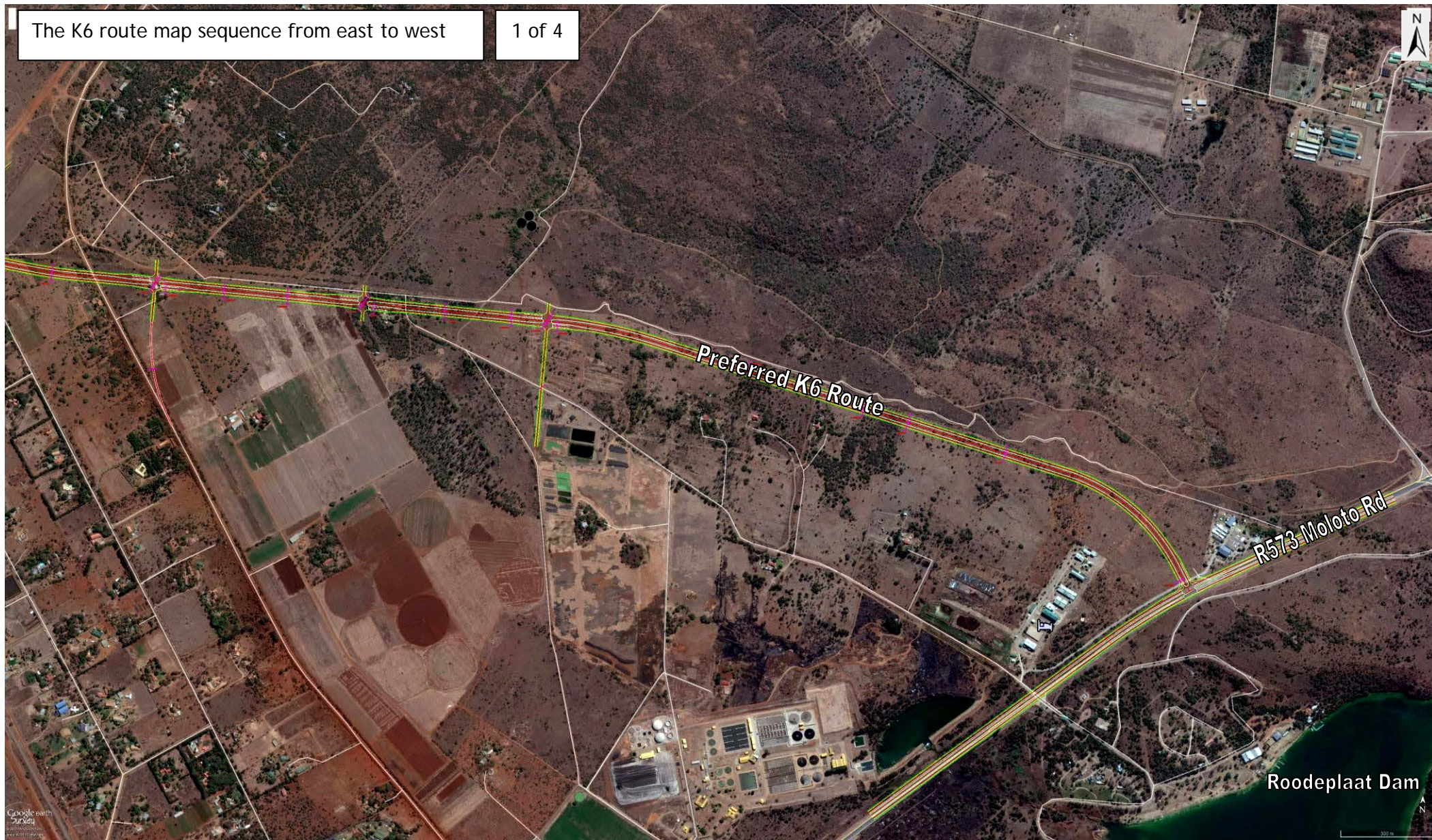
4. Do you know of any other individual or organisation that you feel would want to register as a stakeholder and receive information. Please provide names and contact information below.

Thank you for your participation

Appendix 1: Locality Maps

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Google earth
Satellite
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Google earth
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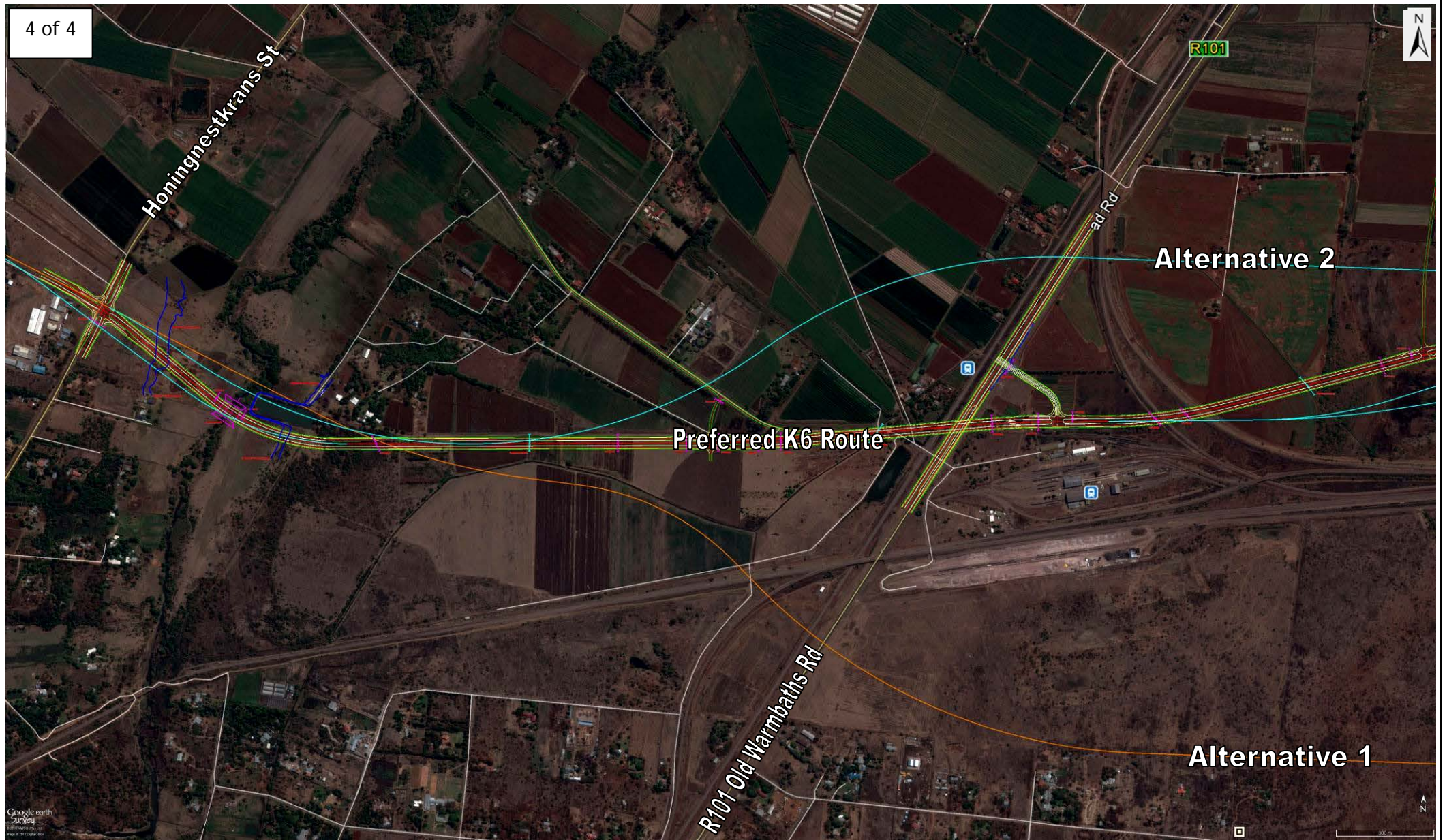
Bergkwagga Rd
Stil Gelee

Alternative 2

Preferred K6 Route

Alternative 1

Google earth
2/6/2014
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Google earth
2018/04
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