



AFRICAN HERITAGE CONSULTANTS CC

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1 Phase

**CULTURAL HERITAGE RESOURCES IMPACT ASSESSMENT FOR
FACILITIES OF THE PROPOSED NEW OVERLOADING STRATEGY
ON THE N1 AND N11 DEVELOPMENT**

**The development will take the form of one main and two (possibly three)
secondary weigh-bridge facilities.**

February 2008

DEFINITION

The broad generic term *Cultural Heritage Resources* refers to any physical and spiritual property associated with past and present human use or occupation of the environment, cultural activities and history. The term includes sites, structures, places, natural features and material of palaeontological, archaeological, historical, aesthetic, scientific, architectural, religious, symbolic or traditional importance to specific individuals or groups, traditional systems of cultural practice, belief or social interaction.

PROTECTED SITES IN TERMS OF THE NATIONAL HERITAGE ACT, Act. NO. 25 OF 1999

The following are the most important sites and objects protected by the National Heritage Act:

- a. Structures or parts of structures older than 60 years
- b. Archaeological sites and objects
- c. Palaeontological sites
- d. Meteorites
- e. Ship wrecks
- f. Burial grounds
- g. Graves of victims of conflict
- h. Public monuments and memorials
- i. Structures, places and objects protected through the publication of notices in the Gazette and Provincial Gazette
- j. Any other places or object which are considered to be of interest or of historical or cultural significance
- k. Geological sites of scientific or cultural importance
- l. Sites of significance relating to the history of slavery in South Africa
- m. Objects to which oral traditions are attached
- n. Sites of cultural significance or other value to a community or pattern of South African history

METHODOLOGY

All relevant maps and documents on the sites were studied. The sites were visited and evaluated. Visual inspection and evaluation gave rise to the results below. Google Earth was consulted for aerial information.

Special note:

Apparently this study has been done on a previous occasion. Owing to change of personnel within the company that did the original study, the original study

was misplaced. The present author was approached to reinvestigate and to comment.

RESULTS

1. R101 South Satellite Station, although in close proximity to the Moordrif heritage site, does not pose any threat to the heritage site. On the site itself no above-ground heritage remains could be observed.
2. R 101 North Satellite Station is an upgrading of an existing weigh-bridge site and therefore there are no heritage issues to address.
3. R 37 Satellite Station is situated on a granitic outcrop close to the extended Chueniespoort Stone Age complex. Specific inspection for stone tools was undertaken but none were observed.
4. The N1-25 Main Facilities are situated on the remains of old cultivation fields. A few eucalyptus trees, that once formed part of a windbreak for the fields, remain on the proposed site. They do not, in this, case qualify for heritage protection, as this section of the fields have already been cut of from the main farm by the N 1 highway, effectively isolating the eastern corner of the cultivation fields.
5. Quarry for filling, for the N1-25 Main Facilities. An old quarry that served for the building of the N 1 will be re-used. This was inspected and it was found that there are no heritage issues at stake.
6. If any below-ground heritage remains are exposed during construction, then appropriate measures are to be undertaken to inform the consultants for the initialisation of mitigation action.

Contact details:

1. OWNERS: The Traffic control centres are located on servitudes

2. DEVELOPERS:

Applicant: South African National Roads Agency Ltd
Contact Person: Rajan Padavattan
Telephone number: (012) 426 6210
Facsimile number: (012) 348 0883
Cell phone number: 083 448 7497
E-mail Address: padavattanr@nra.co.za

3. CONSULTANTS:

Consultant: Shangoni Management Services (Pty) Ltd
Contact Person: Lee-Anne Meiring
Telephone Number: (012) 348 0272
Facsimile Number: (012) 361 6191
Cell phone number: 082 456 3208
E-mail Address: leeanne@shangoni.co.za

Engineering

Company: ASCH Consulting Engineers
Contact Person: Ganief Fish
Telephone Number: (011) 496 2001
Facsimile Number: (011) 496 2009
E-mail Address: gfish@asch.co.za

4. TYPE OF DEVELOPMENT: New weigh-bridge facilities.

5. ZONING OF SITE: No rezoning required

6. DESCRIPTION OF FARM, DISTRICT, PROVINCE.

1 N11

1. Moordrift 289KR

2. Waterberg District.

3. Limpopo Province.

2 MAIN STATION N1

**1. Oorlogsfontein 45KS
remainder portion 3,
88, 89**

2. Waterberg District.

3. Limpopo Province.

3 R101 NORTH

1. Duvenages Kraal 689LS

Portion 1 and 39

2. Capricorn District.

3. Limpopo Province.

4 (Possibility)

1. Rooipoort

2. Capricorn District.

3. Limpopo Province.

GPS Position of the properties under investigation.

1. 24° 16' 33.32" South 28° 58' 26.11" East

2. 24° 13' 22.00" South 29° 0' 153.07" East

3. 23° 55' 56.51" South 29° 23' 31.07" East

4. 24° 16' 31.33" South 28° 58' 38" 27 East

3

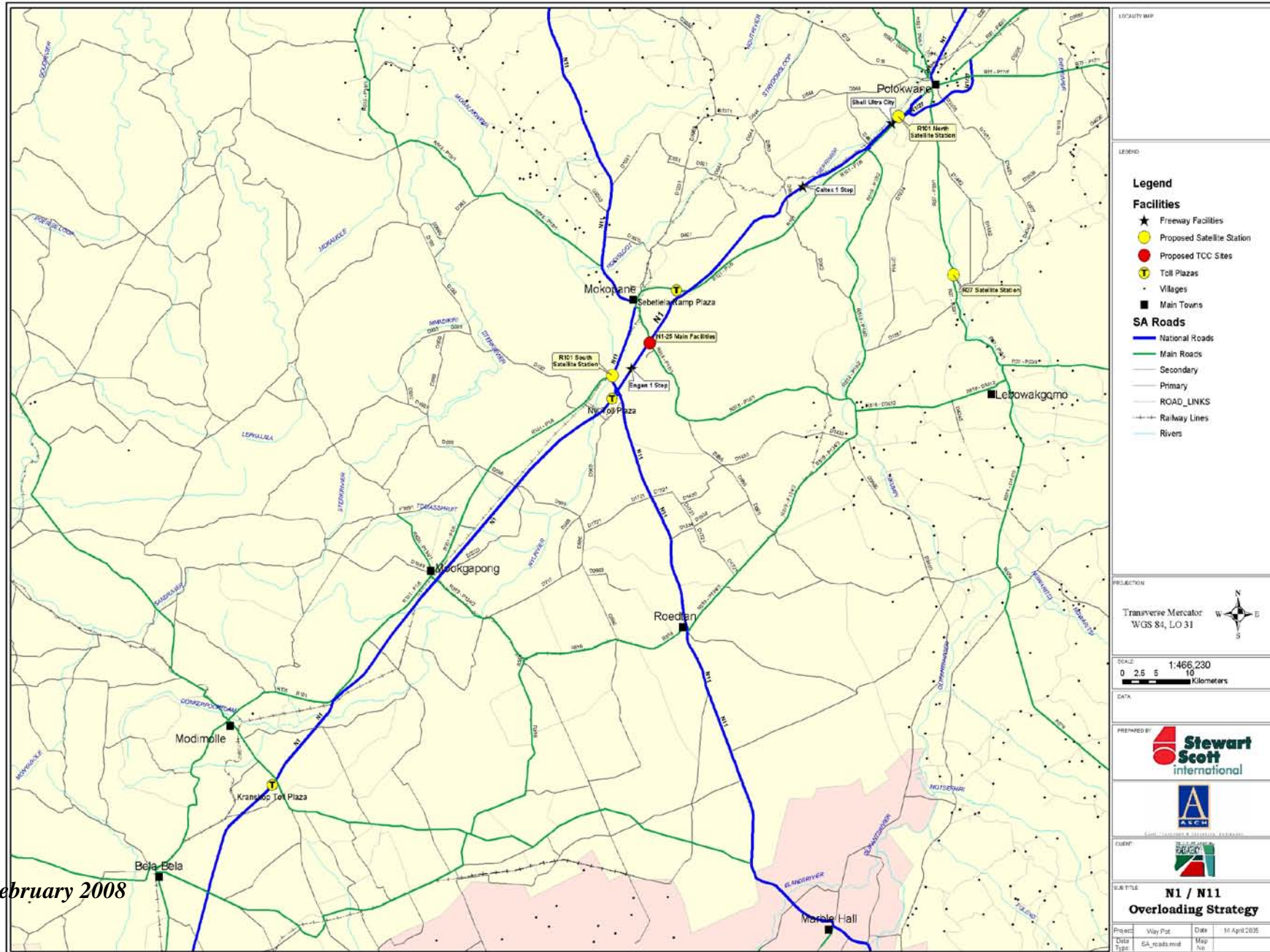
Position of the property on client map prepared by Steward Scott international..

4

2

1

*Position of the property on client map prepared by
Steward Scott international.*



LOCALITY MAP

LEGEND

Facilities

- ★ Freeway Facilities
- Proposed Satellite Station
- Proposed TCC Sites
- T Toll Plazas
- Villages
- Main Towns

SA Roads

- National Roads
- Main Roads
- Secondary
- Primary
- ROAD_LINKS
- Railway Lines
- Rivers

PROJECTION

Transverse Mercator
WGS 84, LO 31

SCALE: 1:466,230

0 2.5 5 10 Kilometers

PREPARED BY:

Stewart Scott international

ASCH

CUSTOMER:

ROADS

MAP TITLE

**N1 / N11
Overloading Strategy**

Project	Way Post	Date	16 April 2005
Drawn	SA_roads.mxd	Map No.	
Type			

February 2008



Position of weigh-bridge relative to the old Moordrift site on Google Earth.