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BOK 06-17-43
~~28 March 2007~~
02 March 2007

SOUTH AFRICAN HERITAGE RESOURCE AGENCY
P.O. Box 1930
KIMBERLEY
8300

Att: Me. M. Manong

Re: Upgrading of the TR 502

1 INTRODUCTION

BOKAMOSO CONSULTANTS was appointed by TN MOLEFE CONSULTING SERVICES to supply the environmental services for rehabilitation of **Road TR 502** Barkly West to Uico. The road starts at Barkly West (2.6km) and ends at Uico factory (38.1).

2 SCOPE OF WORKS

The proposed upgrading of the road is for the **Department of Transport, Roads and Public Works**. The work incorporated in the project includes:

- Asphalt overlay to be applied between Km 17.6 and Km30.0:

- Patching of the road will occur where serious deformation has occurred.
- The existing shoulder will be upgraded from a gravel to a paved surface.
- Upgrading of intersections:

❖ **Km 2.6: Mataleng/Debeershoogte: Addition 2 lanes**
(+/- 2000 m³ and 268 m)

❖ **Km 3.4: Rekaofella: Additional lane**
(+/- 3020 m³ and 814 m)

❖ Km 13.0: Gong Gong: Construct bell mouth

❖ Km 19.0: Longlands/Wintersrush: Additional 2 lanes
(+/- 2000 m³ and 268 m)

❖ Km 30.5: Schmitsdriif/Jan Kempdorp: Construct a bell mouth

❖ Km 37.9 Ulco factory/Boetsap: Additional 2 lanes
(+/- 2000 m³ and 268 m)

- Culverts – Upgrading of wing walls at existing culverts.
- Concrete beams will be placed at minor and major intersections.
- Road signs and guardrails will be placed in strategic positions.

Activities that trigger the National Heritage Resources Act (NHRA)(Section 38)(Highlighted above) are:

- ❖ The Rekaofella intersection triggers the NHRA, as the length of the new lane exceeds 300 m.
- ❖ The Debeershoogte intersection on its own does not trigger the NHRA, but when considered in conjunction, the NHRA is triggered.

3 PROJECT LOCATION

The TR 502 road is located between Barkly West and Ulco. Barkly West is located approximately 49 km north west of Kimberley. The location of the road is indicated in *Figure 1 (Road Atlas)*.

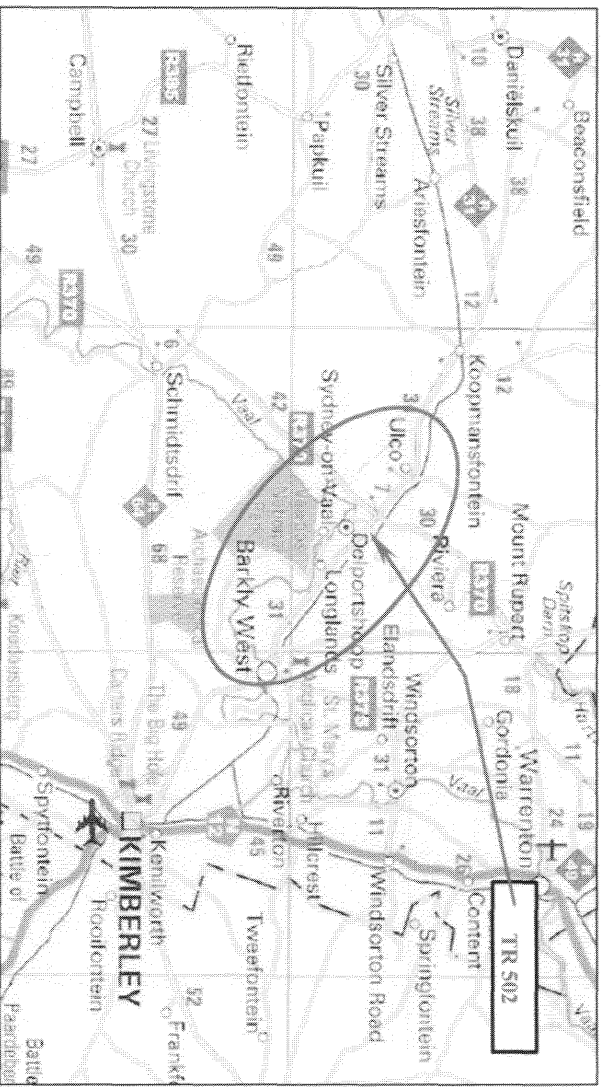


Figure 1: Location Map

A more detail location of the Rekaofella intersection in given in Figure 2 below. The location of the two intersections is highlighted. Significant on the map is the following:

1. The location of the site relevant to the residential areas.
2. The extent of development of the local area.
3. No heritage resources are indicated to be located near to the site.

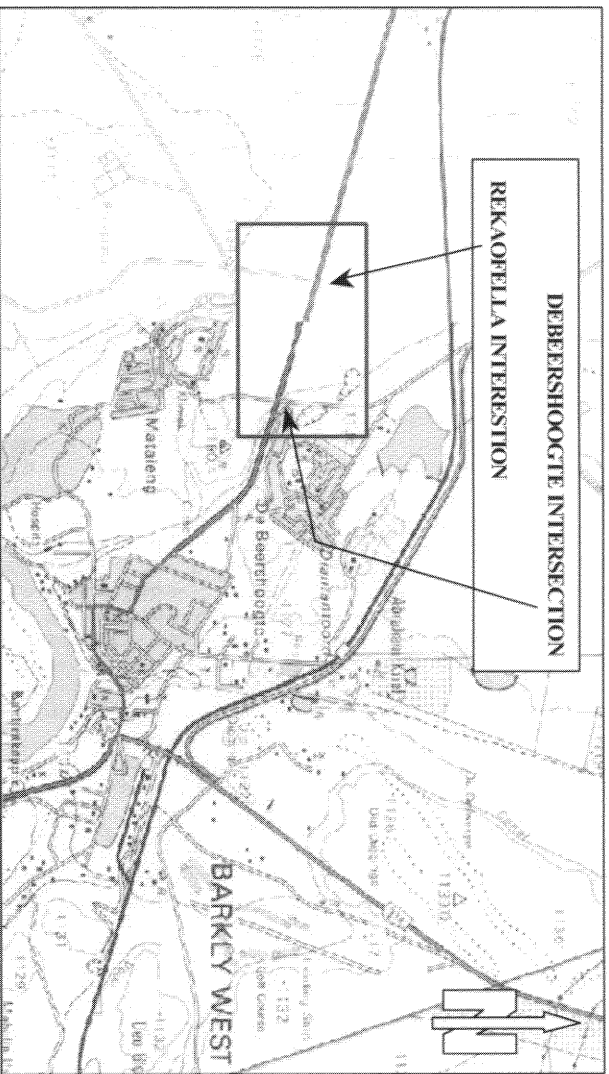


Figure 2: Topographical Map of the Barkly West Area

4 ENVIRONMENT OF THE SITE

Photos 1 to 4 below indicate the typical environment of the proposed site.

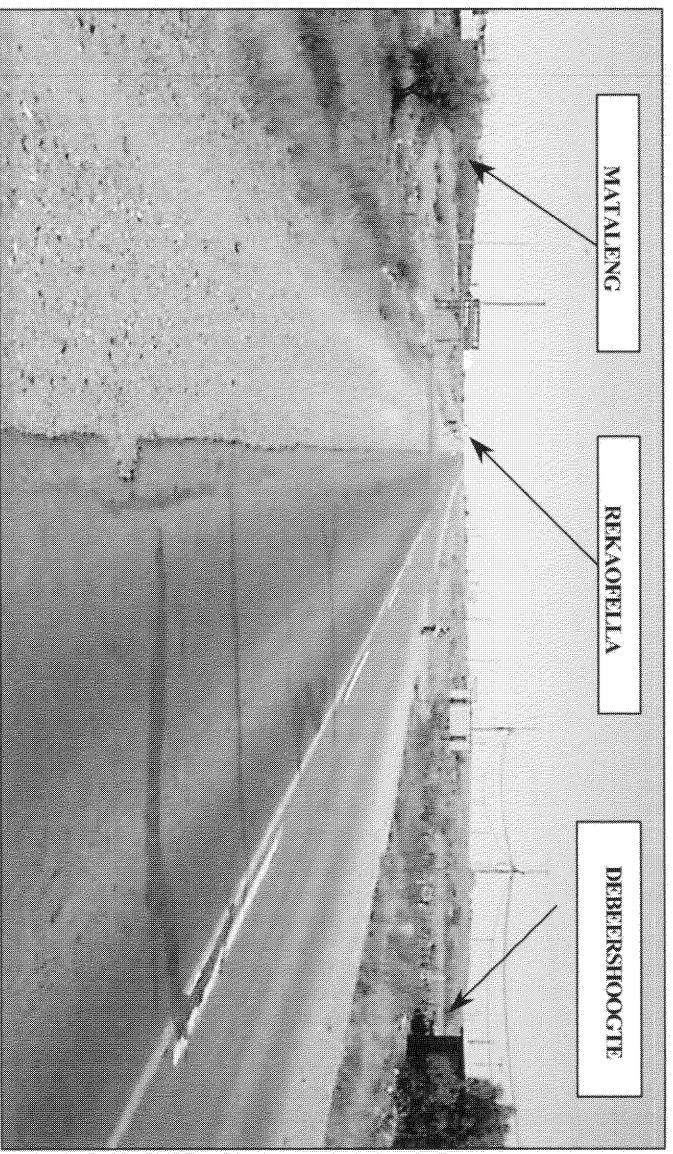


Photo 1: East to West View of the Debershoogte / Mataleng Intersection



Photo 2: North to South View of the Debeershoogte / Mataleng Intersection

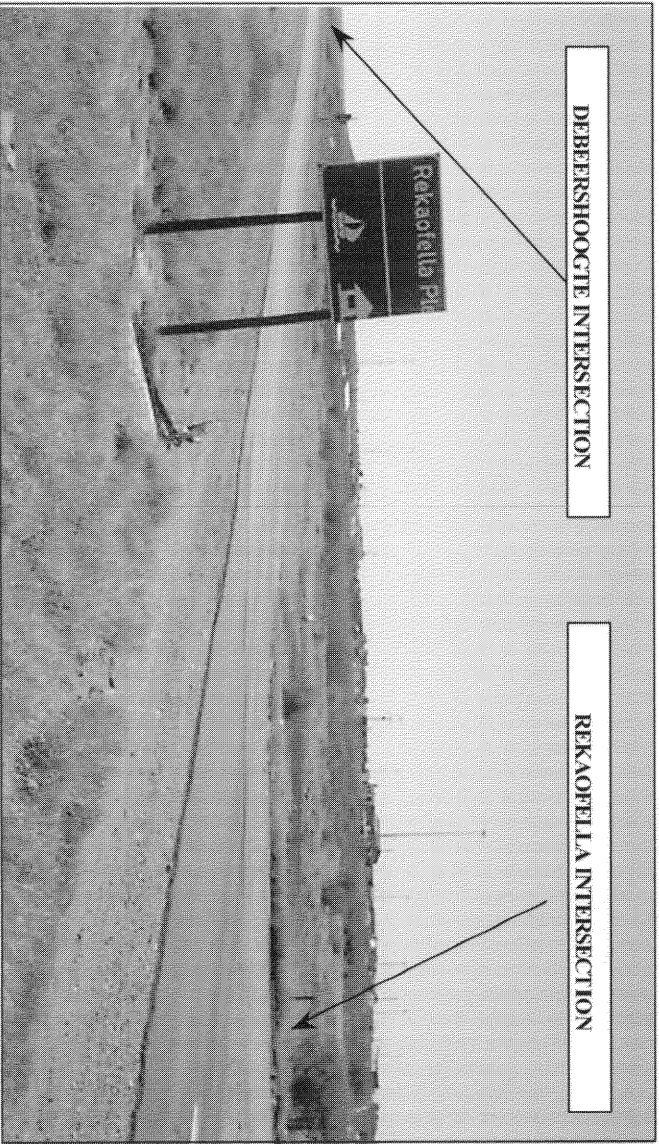


Photo 3: North West to South East View of the Rekaofella Intersection

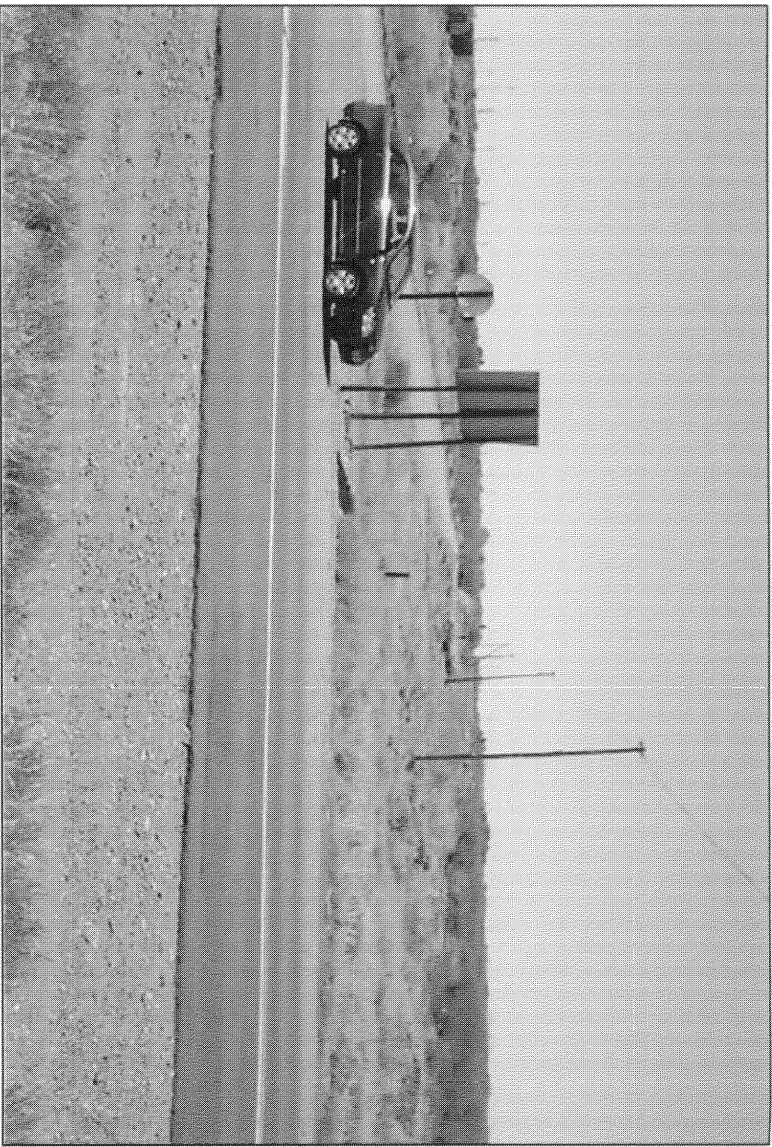


Photo 4: North to South View of the Rekaofella Intersection

5 LAYOUT OF THE INTERSECTIONS

The layout of the intersections is given in Figure 3 and 4 below.

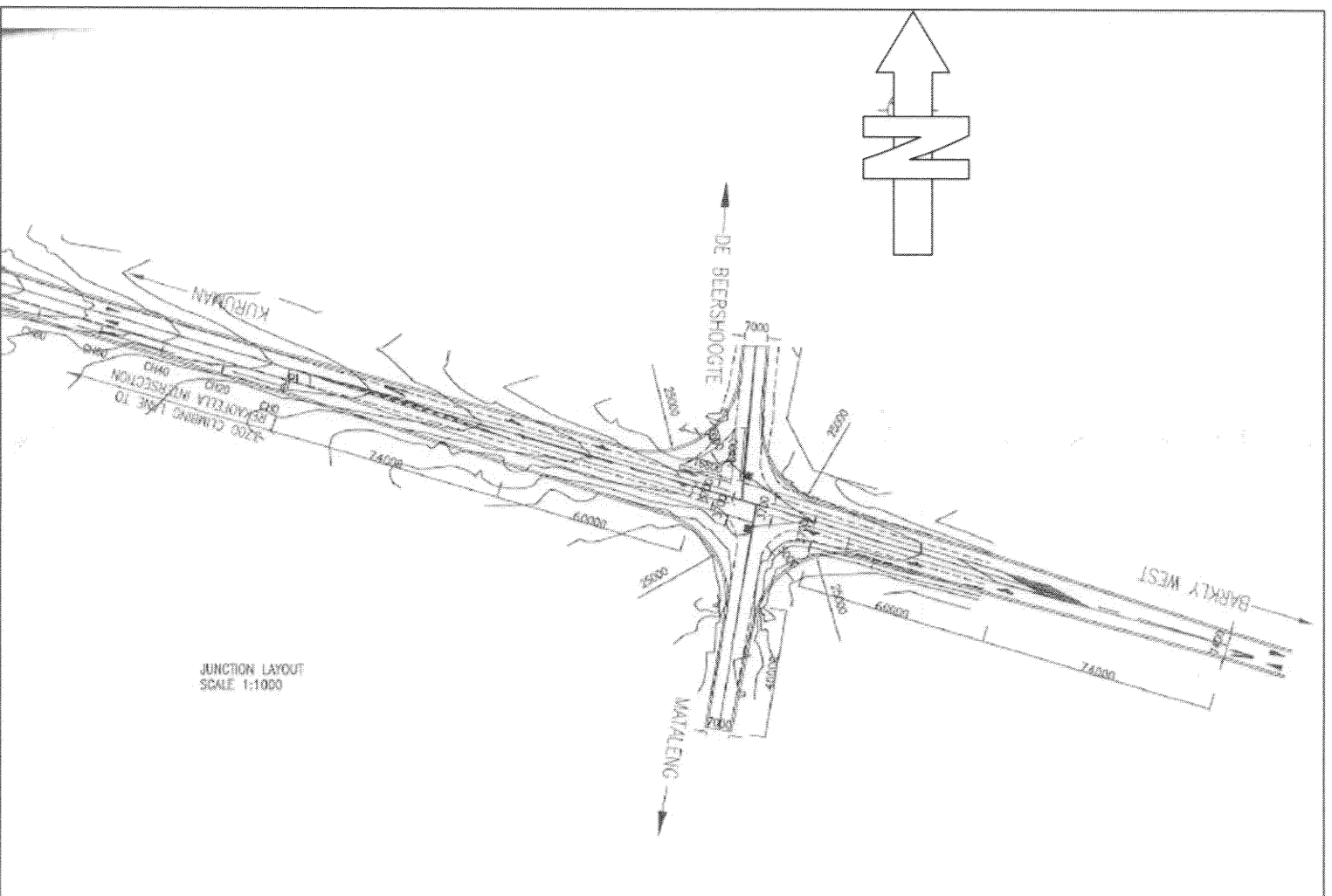


Figure 3: Layout of the Debeershoogte / Mataleng Intersection

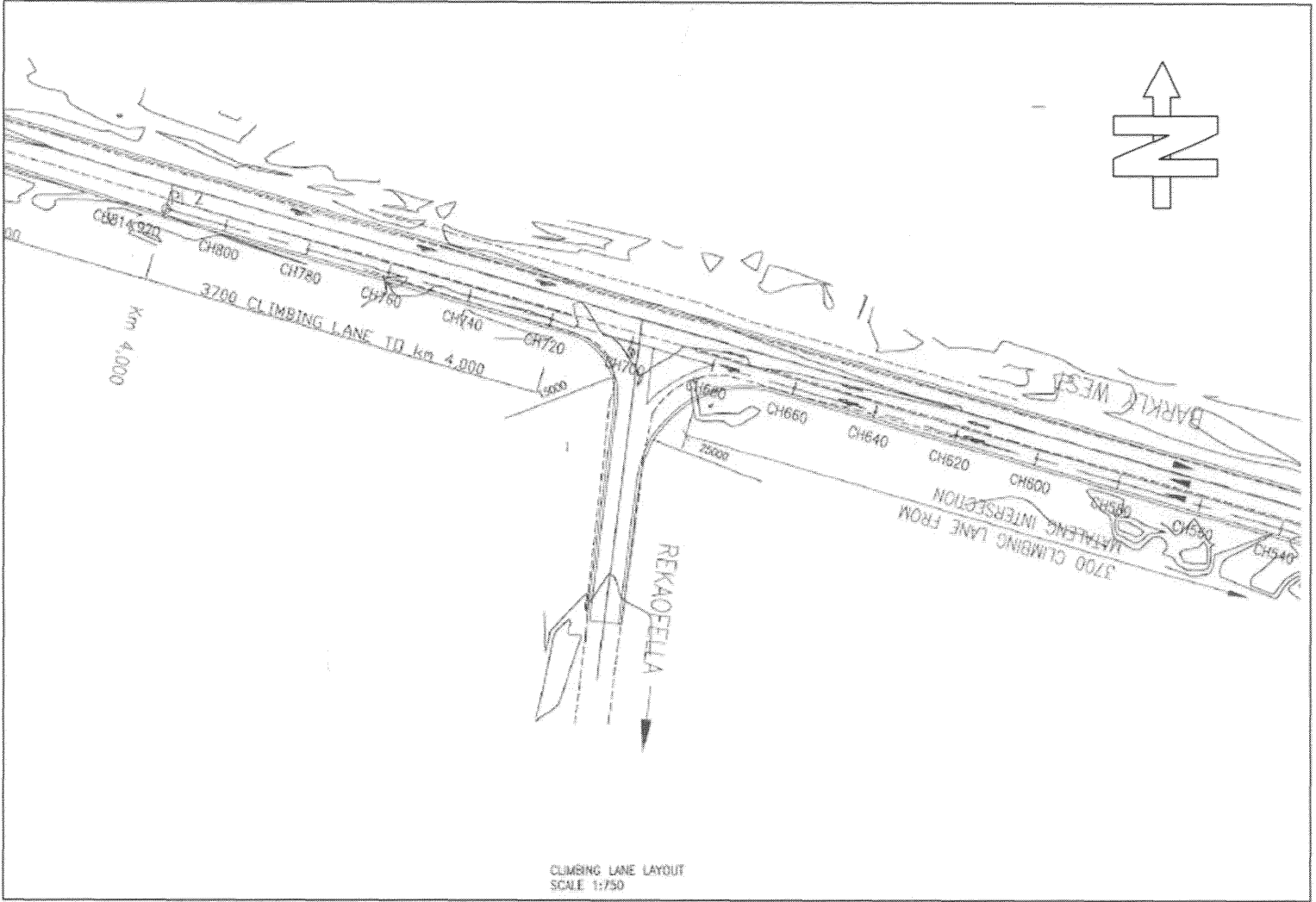


Figure 4: Layout of the Rekaofella Intersection

6 HERITAGE ASSESSMENT

Although the upgrading of intersections triggers the NHRA, it is felt that no heritage assessment is required, the following is given as mitigation.

- The majority of the construction will happen within the road reserve of the TR 502 road.
- The area has been extensively developed and includes:
 - Roads
 - Bulk water supply pipelines
 - Underground TELKOM lines.
 - Electrical cables
 - Housing
 - Heaps of spoil material
 - Diamond mining (gravel deposits)
- During a public participation with residents of Debeershoogte, none of the of the participants indicated that graves or a cultural site is located near the road.
- Discussions with the local Councillor yielded the following:
 - ❖ The people were happy with the proposed development, as it will reduce the amount of accidents happening.
 - ❖ At no stage did he indicate that the project would impact on graves or on cultural site.

It is therefore felt no significant heritage assessment can be completed for the area. However should SAHRA feel otherwise, Bokamoso Consultants would be more than happy to assist.

Yours truly,

Cedric Nelson