

System Interchange on NR2 : Section 11, Neptune Road : Coega Development Corporation

The Coega Industrial Development Zone (IDZ) is situated approximately 20 km north east of Port Elizabeth along National Route 2 Section 11 in the Eastern Cape Province.

The proposed Neptune Road crosses under National Route 2 at approximately km 48.320. The project comprises of the upgrading of a 2.4 km section of existing National Route 2 Section 11 to dual carriageway (freeway) standard and the construction of a full cloverleaf systems interchange on the proposed Neptune Road (dual carriageway).

The project also includes the construction of a 1.5 km section of Neptune Road, which includes the construction of a proposed road over rail bridge facility where Neptune Road crosses the existing railway. The N2 in this section will be upgraded from 1 lane in each direction to 2 lanes in each direction. Neptune Road will be a six-lane dual carriageway road with a 5 m wide median and with an additional collector-distributor on each side.

The proposed interchange on the N2 comprises four bridges over Neptune Road, and the Neptune Road over Rail bridge facility comprises a further two bridges to cross an existing railway line and also to provide for the crossing of a proposed future railway yard which will serve a bulk ore storage.

Before any work could be started an environmental firm had to be contacted, to identify and remove to a nursery facility all endangered and indigenous plants.

The contract entailed the construction of:

- 306 000 m³ fill
- 9.5 km of roads
- 2 000 m of drainage
- 30 000 m of ducting for future electrical and Telkom services

The project has had to be built in phases to facilitate both public and construction traffic that entailed planning and co-ordination with other contractors.

Rumdel Construction has endeavoured to assist SMME contractors to uplift themselves in skills and experience and helped to plan, programme and implement these works.