



## Rail network

# Nasrec Slip Link

### RACEC RAIL (PTY) LTD

Group 5 appointed RACEC Rail as the subcontractor to construct the Nasrec slip link which forms part of the PRASA rail network.

**Client**

PRASA

**Subcontracted by**

Group 5

**Location**

Johannesburg

**Contract value**

R 13 million

**Duration**

8 months



The slip link was constructed to facilitate the transport of commuters, particularly for the 2010 FIFA World Cup™, but also for future events hosted by Soccer City from the West Rand directly to the Nasrec station.

The contract commenced mid June 2009. The last of the 18 turnouts were installed by the end of November 2009, and the remainder of the slip link was completed by the end of February 2010, well ahead of the 15 April 2010 deadline.





# Railway upgrade

## Greenside Colliery Plant

### RACEC RAIL (PTY) LTD

As part of the overall upgrade at Anglo Coal, RACEC Rail was contracted to upgrade the existing rail infrastructure of its Greenside Colliery near Witbank.

#### Client

Anglo Coal

#### Location

Witbank, Gauteng

#### Duration

4 months



### SCOPE

- Removal of Blackhill Marshalling Yard (material stockpiled for reuse)
- Removal of 750 m of existing track infrastructure (Greenside Colliery)
- Excavations of spoil material contaminating existing formation
- Construction of new track
- Construction of level crossing
- Concreting to heavy-haulage level-crossings and new coal-loading slabs
- Provisions for stormwater management
- Construction of pedestrian walkways
- Screening of ballast (3.5 km Blackhill link line) by on-track machines

In addition to the heavy haulage level crossings and coal loading slabs, an RC retaining wall was constructed to ease the cleaning process in future. As surface run-off posed the biggest problem for this client, stormwater channels were reconstructed to maintain siding.

Challenges arose mainly from the plant remaining operational throughout this construction and the insufficient drainage infrastructure that left the ground waterlogged and difficult to navigate. These challenges were managed on a day-to-day basis.

