

PEACHEY 3BC SUBDIVISION



LOCATION

Peachey Belt, Playford

CONTRACT VALUE

\$2,200,000.00

CONSTRUCTION PERIOD

X

FORM OF CONTRACT

AS2124-1992

CLIENTS

Renewal SA
Playford Alive

PROJECT SUPERVISOR:

X

DESCRIPTION OF PROJECT:

Stage 3BC of the Peachey Belt Urban Renewal Project was a Brownfields Subdivision involving the installation of new roads and services in an existing urban area. Fill from the existing stockpiles was imported and used in the bulk earthworks to build up the block pads to design surface levels. Multiple management schemes were devised to control aspects such as soil erosion, drainage, traffic, and vegetation removal.

PROJECT CHALLENGES:

The biggest challenge associated with this project was related to the socioeconomic background of the Peachey Belt area. Some residents attempted to take financial advantage of the construction process and the high rates of youth crime prevalent in the area contributed to hindering the construction process. Construction equipment was repeatedly vandalised and theft of materials occurred on a large scale. Multiple workers were threatened during the construction process, so both T & J Constructions and Renewal SA quickly devised plans to combat these issues. Measures included the temporary relocation of residents, implementation of guard dogs, installation of onsite security cameras with both rapid response and police response where required.

REFEREE

The standard protocol when working in a residential area was also carried out, with priority given to the control of noise and dust so as to minimise impact on neighbouring communities.

KEY CONSTRUCTION PROCESSES:

- Removal of redundant services and roads
- Bulk Earthworks Excavation
- Site Remediation + Levelling (including block fill)
- Roadworks in construction of new roads and servicing of existing
- Pavement works
- Concrete works in laneways
- Traffic management
- Stakeholder management
- New service construction of stormwater drainage, sewerage, water mains, fire mains, high voltage
- Electrical installation and management – CST, NBN