

PEACHEY ROAD UPGRADE



LOCATION

Peachey Road,
Smithfield Plains

CONTRACT VALUE

\$5,500,000

CONSTRUCTION PERIOD

August 2013 – July
2014

FORM OF CONTRACT

AS 2124-1997

CLIENT

City of Playford

PROJECT SUPERVISOR:

Malcolm Cox

REFEREE

Ashley Curtis
City of Playford
0419 800 328

DESCRIPTION OF PROJECT:

The State Government, private investors and the Playford City Council have invested significantly in the development of the Peachey Belt. Munno Para has recently seen the most significant growth anywhere in South Australia. Peachey Road is a large council owned arterial road which feeds the local area and acts as a Gateway to the new community. The City of Playford contracted T & J Constructions to complete the reconstruction of the deep lift divided road, landscaping, new 3m wide shared paths, service installation, major stormwater upgrade as well as roundabouts and traffic light crossings. Remote controlled irrigation was also installed.

PROJECT CHALLENGES:

Peachey road has a large number of residents, local businesses, schools, medical and nursing homes and the John McVeity Community Centre is undergoing major reconstruction. T & J Constructions had to rebuild a deep lift road, traffic light pedestrian crossing, landscaping, kerbs and footpath whilst maintaining access for all local traffic and business and school traffic. Works were scheduled around school holidays and the road was built to remain trafficable which meant new kerbs and services were completed first and then the road was profiled, trimmed and deep lift asphalted in stages to minimise disruption to locals. The work was completed within the program with allowances for wet weather.

As a major thoroughfare the works on Peachey Road were required to be completed whilst maintaining access to shops and residential homes at all times. This was achieved through careful traffic management and construction of temporary ramps and other processes to ensure access. The work could never be left in an unsuitable state. T & J constructions

KEY CONSTRUCTION PROCESSES:

- general earthworks exceeding 5 m in cut or fill
- mechanically stabilised earth construction to a nominal 5 m in height
- excavation in hard rock where blasting is likely to be required
- pavement construction using marginal materials
- pavement construction using modified materials
- high performance surfacings
- special foundation and/or subgrade and subsoil drainage treatments
- moderately complex to complex community/stakeholder management
- non-complex design management
- moderately complex worksite traffic management
- moderately complex project management including subcontractor management
- moderately complex environmental risk management.