

PEACHEY BELT STAGE 1B SUBDIVISION



LOCATION

Peachey Belt, Davoren Park

CONTRACT VALUE

\$1,594,220

CONSTRUCTION PERIOD

September 2010 - April 2011

FORM OF CONTRACT

AS2124-1997

CLIENT

Urban Renewal Authority

PROJECT SUPERVISOR:

Malcolm Cox

REFEREE

Gordon Heath
Urban Renewal Authority
Ph: 0409 675 333

DESCRIPTION OF PROJECT:

As part of the new works in the City of Playford, a number of the older areas are being upgraded which includes a significant amount of urban renewal in the older housing trust areas. T & J Constructions were contracted to remove services and remediate the existing blocks, complete blockfill under Level 1 Supervision and build new services and infrastructure including stormwater, water and sewer, electrical and public lighting. Construct Concrete retaining walls to protect existing stakeholders/residents.

PROJECT CHALLENGES:

1. As it is an existing residential area no vibratory compaction was allowed so T & J Constructions had to develop an alternate compaction process for trench remediation and compaction that would work with the clay in the area. This involved excavating wider trenches and using a small roller to achieve the desired compaction.

KEY CONSTRUCTION PROCESSES:

The Peachey Belt Stage 1B subdivision was a small urban regeneration subdivision which required three new roads to be built and reconstruction of an existing road. Significant block remediation was required prior to the installation of services followed by block fill and road construction. Working within existing roads and around existing residents is difficult. Fortunately T & J Constructions were able to close a number of roads during service installation to improve productivity.

Works involved in the project include;

- Minor works including construction, reconstruction and widening
- Service Adjustments
- Medium Size Culvert Works including precast components
- Non-complex service relocation
- At grade intersection and channelisation works
- Granular and or Asphalt Pavements Pavement Construction
- Cross and Longitudinal Drainage