

# Northern Growth Areas Infrastructure Requirements

- Current capacity
- New growth areas
- Existing urban area
- Railway
- Key transport corridor

## Emergency Services Infrastructure Requirements

- Fire**
- 3,000 – 7,000sqm per new station
  - Requirements based on response times, not population (within 7 mins 90% of the time)
  - New stations or upgrades likely required for new greenfield areas (North-west and North-east spines)
  - MFS generally replace CFS station in newly urbanised areas
- Police**
- 6,600 – 10,000sqm per new large (command) station
  - Construction of new stations required to service new greenfield areas (North-west and North-east spines)
  - Expansion of existing facilities at Elizabeth and Port Adelaide also expected to be required
- Ambulance**
- 3,000 – 4,500sqm per new site (based on recent examples)
  - Construction of new stations required to service new greenfield areas (North-west and North-east spines)



**Two Wells Growth Area**

Housing supply			Population capacity
Current 1,700	New 10,800	Total 12,500	Total 27,500

New network provision, New water source (regional)

Provision of new wastewater network and treatment capacity with upgrades to network and Bolivar wastewater treatment plant

1 large or 2 medium High Schools  
4 Primary Schools  
12 Preschools

New access to Pt Wakefield Hwy Collector and connector roads  
Potential freight bypass  
Mass transit corridor reservation

2 new substations, and upgrade to existing Two Wells substation

**Roseworthy Growth Area**

Housing supply			Population capacity
Current 3,700	New 33,000	Total 36,700	Total 80,740

New network provision, New water source (regional)

Provision of new wastewater network and treatment capacity with upgrades to network and Bolivar wastewater treatment plant

New hospital (15+ years) (regional)

2-3 High schools  
11 Primary Schools  
33 Preschools

Arterial road upgrades  
Sturt and Horrocks Hwy upgrades  
Local distributor roads  
Mass transit corridor reservation  
Mass transit stations  
Bus network service provision

New Large (HV) Substation (ElectraNet)  
4 New smaller substations (SAPN)

**Riverlea Park Growth Area**

Housing supply			Population capacity
Current 12,200	New 7,700	Total 19,900	Total 43,780

New network provision, New water source (regional)

Provision of new wastewater network and treatment capacity with upgrades to network and Bolivar wastewater treatment plant

1 new High School  
2 Primary Schools  
6 Preschools

New access to Pt Wakefield Hwy  
Grade separation of existing access  
Arterial Road upgrades (Angle Vale, Womma, Penfield Roads)  
Local distributor roads  
Mass transit corridor reservation  
Mass transit stations  
Bus network service provision

1 new substation, and upgrade to existing Virginia substation  
New 66kV transmission line

**Kudla Growth Area**

Housing supply			Population capacity
Current 0	New 11,600	Total 11,600	Total 25,520

New network provision, New water source (regional)

New wastewater network and Wastewater Treatment Plant capacity and upgrades

New hospital (15+ years) (regional)

1 High School  
4 Primary Schools  
13 Preschools

Angle Vale and Dalkeith Road upgrades  
Grade separate Gordon Rd & Railway line  
Relocation/construction of rail station(s)  
Bus network design and integration  
Collector and connector roads

2 substations  
2 loop in/out 66kV transmission lines

