



**ENGINEERING  
SURVEYS**

## Capability Statement

Issue 20  
August 2024

**Engineering Surveys delivers expertise in construction surveying, mapping and spatial capture, underground service location, boundaries, land divisions and land tenure advice, with a proven record on large infrastructure projects.**

[engsurveys.com.au](http://engsurveys.com.au)

We understand the importance of timely service in the construction sector; our core company values are centered around delivering prompt, reliable, precise and expert surveying services. Our philosophy is one of continuous innovation; we strive to provide excellence through practical application of the latest spatial technology, ultimately delivering you great value for money.

Whether your spatial requirements be for large-scale commercial, industrial or domestic applications, Engineering Surveys has the resources and expertise to under-pin the most demanding of projects.

### **We specialise in all elements of:**

#### **Engineering surveying:**

- Commercial and high-rise surveys
- Civil and road-works surveys
- Detail and topographic surveys
- Infrastructure surveys
- 3D scanning and point cloud modelling
- Remotely piloted aircraft systems (RPAS) surveys
- GPS surveys
- Machine control support
- Industrial alignment
- Computer aided drafting (CAD)
- Pipeline route design, stake-out and as-builts

#### **Cadastral surveying:**

- Boundary identification surveys
- Easement surveys
- Strata title amendments
- Amalgamation plans
- Boundary re-alignments (land division)
- Road closing surveys
- Lease areas and plans

#### **Underground service locating:**

- Electromagnetic locating
- Ground Penetrating Radar (GPR)
- Utility marking
- Utility damage prevention/ before you dig services
- 24/7 emergency locating
- Augmented reality services

## Our clients

We're proud of the working relationships we've established with an extensive range of clients – building a trust and confidence that's reflected in our innovative projects.



Engineering Surveys are on the DIT panel as a preferred supplier of surveying services.



**We have a proven record across a range of project types and capabilities**



### Building Construction

- New Women's & Children's Hospital**  
Current / Lendlease
- Eastwood Private Hospital**  
Current / BESIX Watpac
- Eighty Eight O'Connell, North Adelaide**  
Current / Mitcon
- ABC Building ("SAHMRI 2")**  
2023 / Lendlease
- Coles Norwood Development**  
2023 / Synergy Construct
- Angle Vale & Aldinga Super Schools**  
2021 / Sarah Constructions
- 203 & 266 North Tce Student Accommodation**  
2021 / Synergy Construct
- Realm & Penny Place Apartments**  
2019-2021 / Maxcon
- Adelaide Botanic High School**  
2018 / Lendlease
- Bohem Apartments**  
2017 / Maxcon
- The new Royal Adelaide Hospital**  
2017 / HYLIC
- SAHMRI**  
2014 / Hindmarsh
- Uni SA Learning Centre**  
2013 / Hindmarsh
- Adelaide Convention Centre**  
2013 / SA Structural
- Westlakes Shopping Centre Extensions**  
2013, 2005 / Westfields, Boulderstone
- Adelaide Desalination Plant**  
2011 / Built Environs
- Adelaide Oval Stands Redevelopments**  
2010, 2003 / Built Environs
- Adelaide Airport New Terminal**  
2005 / Hansen Yuncken



### Road Infrastructure Construction

- Snowy Hydro 2.0**  
2020-current / Leed
- Fullarton Road / Cross Road / Glen Osmond Road**  
2022-current / Fulton Hogan
- Numerous Exact Contracting sites**  
2010-current / Exact Contracting
- General Subdivision Construction**  
2020-current / Tripodi
- Northern Connector**  
2020 / Catcon
- Oaklands Crossing project**  
2019 / McConnell Dowell
- Darlington Upgrade Project**  
2017-21 / Gateway South
- O'Bahn City Access Upgrade**  
2015-17 / McConnell Dowell
- Northern Expressway Project**  
2008-2011 / York Civil



### Bridge Construction

- Darlington Upgrade Project**  
2017-21 / Gateway South
- Northern Connector**  
2020 / Catcon
- Gallipoli Underpass**  
2009 / AdelaideConnect
- Northern Expressway Bridges**  
11 bridges in total  
2009-10 / York Civil
- Port River Expressway Bridges**  
2009 / York Civil (Rail and Road)
- Port River Diversion Bridge**  
2008 / York Civil





## Rail Projects

**Gawler Rail Electrification Project**  
2021 / Coleman Rail

**Oaklands Crossing rail project**  
2019 / McConnell Dowell

**Adelaide to Noarlunga**  
2013 / Tracksure

**Adelaide to Gawler Rail Upgrade**  
2011 / Tracksure

**Coast to Coast Light Rail**  
2009 / Thiess

**Gawler to Seaford and Belair Line**  
2010 / DPTI

## Topographical and Detail Surveys

**Numerous DIT MX standard surveys around SA**  
2005-current / DIT

**Numerous detail surveys**  
2014-current / Salisbury Council

**Numerous detail surveys**  
1994-current / Burnside Council

**Adelaide Airport car-park & surrounds**  
2010 / Wallbridge & Gilbert

## GPS and Machine Control

**Snowy Hydro 2.0**  
2020-current / Leed

**Darlington Upgrade Project**  
2020 / Gateway South

**Northern Connector**  
2020 / Catcon

**Numerous sites across SA**  
2001-current / Leed Engineering

**Numerous sites across SA**  
2020-current / LR&M

**Whyalla Iron Knight Mine**  
2009 / Leed Engineering

**Garden Island**  
2004-09 / Leed Engineering

## Field Survey Instruments and Software

Engineering Surveys have been a market leader in the introduction of new technology into the surveying industry.

### Instruments

- 30 Trimble Robotic Total Stations
- 23 Trimble RTK GPS systems
- Riegl VZ600i, Trimble SX12 and TX-5 3D scanners
- Remotely Piloted Aircraft (RPAs): Quantum Systems Trinity Pro eVTOL fixed wing mapping drone for LiDAR (Qube 640) and photogrammetry, and a DJI Mavic 3 Enterprise RTK

### Software Platforms

- 12d Model
- AutoCAD/BricsCAD
- Trimble Business Centre
- Pix4D (photogrammetry)
- Trimble Realworks, Cyclone 3DR, Riscan Pro and TopoDot (3D scan point cloud processing and advanced modelling)

## Our accreditations and memberships



## For more information

[engsurveys.com.au](http://engsurveys.com.au)

+61 8 8340 4469  
office@engsurveys.com.au

4/11 Ridley Street  
Hindmarsh SA 5007

