



**ENGINEERING
SURVEYS**

Capability Statement

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**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.**

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
- Augmented reality services
- Our locators are also qualified surveyors, combining technical expertise with spatial precision to seamlessly integrate utility pickups into survey plans

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.



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



Building Construction

New Women's & Children's Hospital
Current / Lendlease

Victoria Towers
2023-current / Synergy

Eastwood Private Hospital
2023-current / BESIX Watpac

Eighty Eight O'Connell, North Adelaide
2023-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

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

Torrens to Darlington (T2D) Project
2024-current / T2D Alliance

Main South Road Stage 2
2024-current / MDJV

Snowy Hydro 2.0
2020-current / Leed

**Fullarton Road / Cross Road /
Glen Osmond Road**
2022-current / Fulton Hogan

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



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



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

Whyalla Iron Knight Mine
2009 / Leed Engineering

Garden Island
2004-09 / Leed Engineering



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

Field Survey Instruments and Software

Engineering Surveys has 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



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