

Capability Statement

18 Jul 2018

SHAMROCK CIVIL ENGINEERING PTY. LTD.



INDUSTRIES SERVED

CLEAN ENERGY

CONSTRUCTION &
ENGINEERING

DEFENCE

OIL, GAS & ENERGY

RAIL

WATER

Company Details

Address: 195 Cobalt Street
CAROLE PARK QLD, 4300 Australia

Ph: +61 7 3727 1100

Fax: +61 7 3879 4100

Email: shamrock@shamrockcivil.com.au

Web: www.shamrockcivil.com.au

ICN Gateway Company ID: 80077

Employees: 115

ABN: 68 066 655 856

Locations: 3

Local Manufacturer: No

Foreign Manufacturer: No

Importer: No

Exporter: No

NT CAL Accredited: No

Works in Remote Locations: Yes

Australian Indigenous Owned: No

Contacts

Mr Andrew Kerr

Ph: +61 7 3727 1100

Mob: +61 4 1902 6132

Email: andrewkerr@shamrockcivil.com.au

Mr Brendan Kealy

Ph: +61 7 3727 1100

Mob: +61 4 3168 8931

Email: brendankealy@shamrockcivil.com.au

Shamrock Civil provide project specific construction solutions for their clients with case studies as evidence.

Summary

Shamrock Civil is a privately owned tier two civil construction company that has been delivering projects nationwide for the gas and mining, transport infrastructure, commercial, defence and government development sectors,

since 1994. Our key civil construction services include site clearing, bulk earthworks, pond and dam construction, roadworks, demolition and services (electrical, stormwater, drainage, communications).

Description

Shamrock Civil provide project specific construction solutions for their clients with case studies as evidence. Each project is premised on meeting or exceeding the customers needs as determined through both early and in-progress client interaction, while maintaining a strong focus on the safety and environmental performance, quality, timeliness and budget for the works. We operate from permanent company bases in Ipswich, Townsville and Melbourne, and establish shop fronts as appropriate when operating in other geographical locations for extended periods.

Shamrock have more than 115 permanent employees and over 75 items of major plant and equipment which provides direct access to the key resources required for project delivery. We also engage subcontractors and specialist contractors to supplement our operations on an as needs basis.

Examples of the civil works that we provide include:

- Airport runways, aprons and ancillary works
- Building and construction pads
- Bulk earthworks
- Dams and ponds
- Hardstand and lay down areas
- In ground services excavation, trenching and conduiting
- Land and soil remediation
- Landfill cells and facilities
- Railway holding and marshaling yards, sidings and station works
- Roads and bridges
- Sewerage pipelines and infrastructure
- Stormwater drainage and fittings
- Water pipelines and infrastructure

Associations

- > Civil Contractors Federation
- > Master Builders Association

Products & Services

- > Site clearing
- > Bulk earthworks
- > Pond & Dam Construction
- > Roadworks & Bridge Construction
- > Demolition
- > Services (Electrical, stormwater, drainage, comms)

Industries Served

- > Clean Energy
- > Construction & Engineering
- > Defence
- > Oil, Gas & Energy
- > Rail
- > Water

Accreditations

- > AS/NZS ISO 9001:2015 Quality Management Systems
- > AS/NZS 4801:2001 OHS Management Systems
- > AS/NZS ISO 14001:2015 Enviro Management Systems
- > OFSC OHS Accredited
- > TMR Prequalification: R3 B2 F75
- > Vicroads Prequalification: R3 B2 F75
- > NSW RMS Prequalification: R3 B2 F20
- > PQC: Level 3

Major Clients

- > CONTRACTORS
- > Clough
- > Golders
- > Hutchinson Builders
- > John Holland
- > Laing O'Rourke
- > Lend Lease
- > GOVERNMENT AUTHORITIES
- > Brisbane City Council
- > Logan City Council
- > Mackay Regional Council
- > Scenic Rim Regional Council
- > Queensland Department of Transport and Main Roads
- > Department of Defence
- > Queensland Urban Utilities
- > OIL & GAS
- > Arrow Energy
- > CS Energy
- > Origin Energy
- > QGC
- > RESOURCES & MINING
- > Cleanaway Operations (Transfield)
- > North Queensland Bulk Ports (NQBP)
- > SUEZ Recycling & Recovery
- > Hanson Landfill Services

Facilities

- > Head Office / Workshop - Ipswich QLD
- > Office - Townsville QLD
- > Office - Notting Hill VIC
- > Establish shop fronts as appropriate
- > Backhoes - Cat and JCB
- > Compactor - Cat 815 F11
- > Compressor - Trailer mounted Sullair
- > Concretors Trucks
- > Dozer - Cat D6T XL
- > Dump Trucks - Cat 740B
- > Excavators - 5 to 45 Ton, Including Rubber tyred
- > Fuel Trailer - Bunded
- > Fuel Truck
- > Generators - 6 to 30 Kva
- > Graders - Cat and John Deere
- > Kibble - Concrete
- > Laser Bucket - Howard Bagshaw
- > Lighting Towers
- > Linemarker
- > Over 70 pieces of Equipment & Plant:
- > Plate compactor
- > Plough - Plate Balden
- > Rockbreakers - 5 Ton to 20 Ton
- > Rollers - Smooth Drum, Pad Foot, Combos
- > Sandbag Fillers
- > Scrapers - Cat 623G
- > Service Trucks
- > Skid Steers
- > Telehandler - JCB
- > Tilt Truck
- > Tipper Trucks
- > Tractors - John Deere 9630 & 9620

- > Traffic Signals - Portable sets
- > Trailers - Box and welding
- > Trench Shoring
- > Trencher - Vermeer RTX 1250
- > Tripods - Ferno Arachnapod 3 metre bridge
- > Vacuum Truck - Simon and Alic
- > VMSs
- > Water Moxy - Cat 740
- > Water Pumps - 6 inch and 8 inch
- > Water Trucks - 2000Lt to 15,000 Lt

Previous Significant Projects

2018

Hallam Road Landfill Cell 12
\$6,500,000

Client: SUEZ Recycling & Recovery

164,600m³ excavation & filling; 250lm of access roads; Groundwater Collection System - excavation, 2,000lm of pipe, drains, geotextile, aggregate, precast concrete pit and ballast; 1m thick compacted clay liner - 39,500m³ of excavation, trim / preparation of 40,400m² compacted clay liner & 510lm of anchor trenches; 41,500m² of HDPE geomembrane to cell floor & batters; 38,200m² cushion & separation geotextile; Leachate Collection System - 1,670lm pipe, 12,200m³ aggregate & vertical sump riser.

2018

New Chum Landfill - Cell 4B
\$4,000,000

Client: Cleanaway Operations

180,000m³ of subgrade preparation; Construction of compacted clay liner including 32,600m² of lining systems (GCL, HDPE & Geotextile); Construction of Leachate collection system including perforated polyethylene pipes, leachate sump riser, 300mm thick aggregate layer and separation geotextile material; Construction of anchor trenches including backfilling.

2018

Sun Metals Solar Farm - Civil Works
\$4,000,000

Client: RCR O'Donnell Griffin

Stripping of vegetation on site; Leveling & rolling of 140,000m² site; Filling & compaction of three dams; Demolition of 1.67km of existing construction road; Forming of the Solar Array earthworks - spreading of 80,000m³ spoil mound, screening & stock piling of 20,000m³ of spoil material & re-working 47,000m³ of old quarry ground levels; 7km of unsealed access roads to enable construction of the array structures; Footings for the support structures including bored piers; Removal of water main.

2018

Lavarack Barracks Road Maintenance
\$4,500,000

Client: Aurecon (Department of Defence)

Road rehabilitation & drainage works at Lachlan Wilson Drive & Robert Towns Boulevard - Demolition of civil drainage; Culverts/pipes & drainage; Earthworks excavation & subgrade treatments; Pavements - 14,070m² of 50mm AC, 12,800m² of 260mm & 6,456m² of 180mm insitu Stabilised 3% cement; 200m² of interlocking concrete pavers in two intersections; Sprayed bituminous surfacing; Road furniture & pavement markings; Road lighting - electrical conduits & pits; Rectify scour with 750mm dia rock.

2018

Pacific Highway Upgrade, Woolgoolga to Ballina - Portion B Access Tracks
\$4,000,000

Client: Pacific Complete

Foundation treatment layer under 2km of new highway - rock placed over geofabric & grid, excavation & treatment of Potentially Acid Sulphate Soils; D&C 870m of temporary access tracks between bridge abutments; Preload & abutment works - placement and removal of preload material over abutment / culvert locations, ongoing monitoring of settlement & detailed excavation; Permanent longitudinal drain construction adjacent to the highway alignment & drain diversions; Temporary culvert crossings.

2017

17th Construction Squadron RAAF Amberley
\$15,000,000

Client: Watpac Construction

Sediment control & basins; Demolition of existing concrete slabs & pavements; Earthworks - site clearing, topsoil strip & 60,000m³ of earthworks cut to fill; 55,000m² of asphalt & 60,000m² of concrete pavements; 1.6km of stormwater drains & 5 gross pollutant traps; Construction of Humes H-Wall retaining wall; Linemarking, signage & bollards.

2017

Biloela Escarpment Remediation Works
\$6,000,000

Client: QGC

Permanent rectification of washouts on the escarpment completed on a 240m long, 30 degree incline - Stripping of existing erosion control system & unsuitable material; Excavation of benches; Bulk earthworks - fill, geotextile & rock mulch; Vegetation - biotic soil medium, high performance flexible growth medium, seed mix & fertilizer; Channel rock fill; Signage; Irrigation System; Remediation of temporary site facility hard-standing area.

2016

Intersection Upgrade, Kin Kora
\$9,000,000

Client: Queensland Department of Transport and Main Roads

Roundabout removal & construction of new signalised intersection - Relocation of underground service, replacing & re-aligning 45m sewerage pipes, 700m new stormwater drainage pipe, water pipes & associated works; Erection of 21 traffic signal posts & footings; Bulk earthworks & removal of material; Removal of centre medians on Dawson Hwy & Philip St; Removal of vegetation; Road widenings & construction of new lanes; Construction of new footpaths; Two new bus stops; Upgrade of retention basin.

2016

North Brisbane Bikeway - Stage 1B
\$3,500,000

Client: Queensland Department of Transport and Main Roads

Demolition; Earthworks; Stormwater structures; Grouted rock pitching & steel wire mattress protection; Concrete works - kerb & channel, ramps, footpaths, driveways & traffic islands; Retaining walls, fencing, gates, bollards, handrails, landscaping turf & topsoil; Hand placement of over 5000m² of concrete paving; Roadworks - 1000m³ of unbound pavements, prime & seal, linemarking & signage; Electrical switchboards, road lighting cables, jointing pits &

2017

Chardon Bridge Replacement, Cedar Creek
\$3,000,000

Client: Logan City Council

D&C new two lane / three span concrete deck bridge - Environmental impacts & controls in high risk area; Demolition of existing bridge; Earthworks - 2500m³ of fill; Removal & replacement 1050m³ of unsuitable material; Bridge construction - bored piling, structural steel erection & placement of precast deck units & precast pedestrian footpath; Abutment scour protection; 171m of road approaches - kerb & channel, pavement & asphalt; Concrete footpaths; Landscaping; Road Furniture.

2016

Defence Logistics Transformation Program (DLTP) Townsville Lavarack Barracks
\$35,000,000

Client: Lendlease

Sediment & erosion control; Contamination spoil remediation; Demolition of 40,000m² of existing pavements & services; Bulk earthworks - 62,000m³ of imported select fill & 34,000m³ of excavation; Stormwater services - 115m long 3/2400 RCBC culvert structure & 2.9km of RCP pipework & associated structures; 72,000m² pavement construction works - sealed granular, CTB & concrete pavements; Road furniture.

2016

Master Drainage Upgrade, Forestglen Crescent, Browns Plains
\$6,000,000

Client: Logan City Council

Master drainage upgrade in Browns Plains, primarily along Forestglen Crescent - Traffic & pedestrian management; Sawcut existing concrete asphalt; New stormwater pipes, standard manholes, gully pits & cast in-situ elongated manholes; New gravels, seal & asphalt; Reinstatement of residents driveways, kerb & channel.

2016

Victory Road Cell 4B (Phase 2)

\$10,000,000

Client: Cleanaway

Subgrade reshaping;
Construction of a ground water collection system, 1m thick compacted clay liner & a leachate collection system with separation geotextiles;
Temporary dewatering; Haul roads & ramps;
Slimes drying pan management & ground improvement measures.

2015

Gold Coast Private Hospital Carpark

\$2,500,000

Client: Watpac Construction

Demolition of energex substation & structures; Removal of temp sediment basin; Earthworks - strip topsoil, 25,000m³ bulk excavation & disposal of 36,000m³ unsuitable material; Hardstands; 144m² Rocla massbloc retaining wall; Diversion drains; Driveways & road surfacing - base course, primer coat & asphaltic concrete; Concrete works - slabs, pedestrian access ramps, pram ramps & driveways; Kerb & channel; Stormwater drainage; Road furniture - signage, linemarking, handrails, fencing & wheelstops

2015

New Generation Rollingstock (NGRS) Civil Works and Services

\$30,000,000

Client: Laing O'Rourke

Sediment, erosion & detention basins; Site Clearing, bulk earthworks & excavation; Trunk Sewer Diversion - 772m / 500mm PE & removal of existing; Trunk Stormwater Diversion - 188m / 1350mm RCP & removal of existing; 3.7km Stormwater drainage 225-1200mm; Electrical & communications pits & conduits, Water & fire main reticulation; Concrete drain; Temporary roads, hardstands & pads; Road base rail capping layer; Permanent roadworks - pavements, drainage, kerb, linemarking & street furniture.

2016

RAAF Amberley Road repairs

\$800,000

Client: Australian Department of Defence (Augility)

Improvement of a 1.15km of road on Rosewood Rd, between the intersection of Vung Tau Ave and Gannett Street - Removal & replacement of 125mm pavement roadbase & the placement of a two coat seal; Crack filling of any deformities & the placement of a two coat seal;
Kerb & subsoil drainage;
Maintenance of fire trails in Purga Small Arms Range.

2015

King Street North, RNA Showgrounds (Brisbane)

\$8,000,000

Client: Lend Lease

Removal of all redundant services & surfaces; Excavation, removal and disposal of contaminated soil within the King St North road reserve; Completion of deep and shallow services, earthworks, roadworks, traffic signals, retaining walls, bio-basins, excavation around existing trees to be retained & associated works; New and relocation of trees; Stormwater pipes, culverts, drainage chambers & subsoils.

2015

QGC BC/IX Ponds Package

\$70,000,000

Client: Laing O'Rourke

1,851,000m³ of bulk & detailed earthworks; 1,257,000m² of multi-layer liner systems / geosynthetics & confining cushion layer systems to pond; Pond floor drainage & pressurisation works - drainage sumps, sump trenches, extraction systems & pumps; Overflow spillway; Pontoon landing capping; Discharge structure - conveyor belt, reo, discharge chutes, concrete works & water level indicators; 1.5km surface water diversion drains to circumvent the ponds; Slope erosion & protection; Road furniture.

2014

**Indooroopilly Shopping Centre Redevelopment
\$15,000,000**

Client: Brookfield Multiplex

Upgrade works for several intersections for the Indooroopilly Shopping Centre Redevelopment - Replacement of traffic signals at 5 intersections including layout changes to improve traffic flows;
Realignment of kerb to facilitate additional lanes aimed at congestion reduction; Associated drainage works;
Contiguous Pile Retaining Wall;
Reconfiguration of major intersection - complete resurface with asphalt;
Relocation of water main;
Construction of sewer main;
Upgrade street lights.

2013

**QGC Northern Waters Treatment Plant Water and Sediment Ponds
\$35,000,000**

Client: Laing O'Rourke

340,000m² Site clearing & grubbing; 50,000m³ Topsoil stripping & stockpiling; 460,00m² Subgrade preparation; 300,000m³ Ripping & hauling of sandy clay material to embankments; 90,000m³ Cutting & carting of material from borrow areas & stockpiles; 400,000m³ Spreading & compaction of cut material on embankment & 38,000m³ clay layered floor to 125mm; Temporary access roads; 375,000m² Final trimming of internal pond area & 80,000m² external batters of bunds; Piezometers; 34m 100mm uPVC outlet pipes

2015

**Slope Stabilisation, Ocean Drive (Richmond Valley Council)
\$2,000,000**

Client: Richmond Valley Council

Retaining structures - 650m of gabion baskets & 900m of boulder rock positioned at the toe of the existing riverbank slope; Engineered fill placed to form a regraded batter slope; existing drainage system upgraded - 100m of stormwater pipes; Water flow consolidated into 2 locations & fed to Evans River by 2 large drop structures; Erosion & sediment controls including sediment curtain; Topsoiling, hydromulch & jute matting.

2013

**Link and Wembley Roads, Berrinba (Logan City)
\$9,500,000**

Client: Logan City Council

Construction of a new linking road between Gilmore & Wembley Rds including the construction of a signalised intersection & additional road widening & existing pavement overlay - Pavement & asphalt; Stormwater (cross road culverts), sewer & water main; Electrical services for lighting & traffic signals; Special subgrade treatments; Traffic Management (30,000 vehicles per day).

2012

**Brisbane Airport Multi-Level Carpark
\$3,500,000**

Client: Laing O'Rourke

1.85km of new stormwater pipe work with associated manholes & gullies;
275m of deep gravity sewer pipe work with associated manholes;
816m of sewer rising mains, with 5.5m deep discharge & reticulation manholes & four new connections to existing services;
605m of water mains with three new connections to existing services;
1.1km of recycled water, fire & irrigation mains.



Powered by  **icngateway**
icn.org.au | 1300 961 139