SEE GROUP

CAPABILITY STATEMENT

Constructing our future on the strength of our past

see Civil

About SEE Group

We deliver integrated construction solutions for our clients.

SEE Group is a family owned group of companies specialising in civil construction and engineering.

An award winning company based in Helensvale on the northern Gold Coast, we deliver major infrastructure and urban development projects in Queensland and New South Wales and currently employ over 300 people.

SEE Group is made up of three key businesses - SEE Civil, Quarry Solutions and Civil Rent. Each SEE Group business exists to play a key role in delivering the civil construction and materials needs of our projects, creating complete construction solutions for our clients.

This robust, vertically integrated self-perform model differentiates us from competitors and enables us to deliver optimum results for clients, providing value-for-money, innovation to drive down construction costs and the ability to control projects, start to finish.

From right to left:
Steve Turner, Managing Director
Peta Newton, Executive Director
Mark Turner, Executive Director

Our DNA

More than just "the way we do things", the SEE Group DNA defines who we are as a company and how we interact with employees, suppliers, subcontractors and clients. It provides guidance around all our decisions and actions and helps keep us safe.

Accountability

Owning our actions 100% of the time

- Making decisions we can stand by
- Responsible for our actions and work
- Safety is everyon'es responsibility

Innovation

Always looking for new ways to improve our work and ourselves

- Agile and flexible
- Continually developing our skills
- Open to ideas

Collaboration

Working as a team with each other and our clients, suppliers and subcontractors

- Celebrating success and achievements
- Working as one team
- Recognising and utilising everyone's skills

Empowerment

Trust and encourage everyone to grow

- Speak up - everyone's opinion matters
- Support people to step up
- Develop and guide your team

Passion

Loving what we do and working hard towards our goals

- Boots and all attitude
- Dedicated
- Driven towards success

Our capabilities

INFRASTRUCTURE

- Highway and arterial road infrastructure
- Soft soil, foundation treatment and enabling works
- Pavement stabilisation and rehabilitation works
- Bulk earthworks
- Bridge construction
- Mining infrastructure
- Aviation airside and landside construction
- Rail infrastructure and intermodals

URBAN

- Masterplan communities
- Local Government infrastructure
- Industrial developments
- Water infrastructure
- Landfill rehabilitation
- Design and construct retaining walls
- Marine foreshore construction and rehabiliation
- Water, sewer and drainage reticulation

QUARRIES

- Major project material supply
- High-capacity, high quality production
- Material transport and logistics
- Identifying and legitimising quarry sources
- Stockpile management
- Drill and blast
- Trommel processing
- Crushing and screening
- Foam bitumen production

PLANT

- Large modern fleet of GPS guided, construction and mining plant and equipment
- Mobile quarrying plant including PBS approved truck and dogs
- GPS guided and TMR approved paving equipment inclusive of a track mounted MTV
- Fully equipped workshops and field maintenance capablities with real time utilisation based maintenance planning

The SEE Group Market Difference

We pride ourselves on being collaborative and easy to work with.

Being a family-run business, we have a transparent approach to getting the job done, on time and on budget. Our collaborative culture is engrained in our businesses, enabling us to cooperate with all stakeholders and be agile in our decision making to ensure quality outcomes.

Through the combined experience and capability of each SEE Group business we have the ability to problem solve, make decisions, invest in innovation and adapt quickly across the lifecycle of civil construction projects.

About SEE Civil

SEE Civil is our rapidly rising and evolving construction and engineering company, delivering trusted and proven civil infrastructure solutions to the road, rail, aviation, mining, property, industrial and urban development sectors.

We pride ourselves on our ability to identify early and understand the main risks we are likely to encounter during construction and develop solutions to these risks with the objective of providing value-for-money without compromising on safety, environmental, quality or posivite community outcomes.

Prequalifications

Roadworks level	R5
Bridgeworks level	B3
Financial level	F100

Accreditations

ISO 9001 Quality Management System
ISO 14001 Environmental Management System
ISO 45001 OH&S Management System
Office of the Federal Safety Commissioner Approved

About Quarry Solutions

Our specialised quarrying and material supply business has broad delivery experience through fixed quarries, batch plants and mobile operations.

Our point of difference lies in our ability to anticipate major project material supply needs ahead of time, especially where underlying quarry markets are small. We have the necessary expertise and experience to deliver a total quarry solution across the material supply lifecycle - from identifying and investigating new quarry sources, seeking new development applications or increasing extraction limits, right through to quarry operation and material delivery.

Our production sites are resourced with modern construction equipment as well as dedicated maintenance personnel to ensure production can be maximised. We are industry leaders when it comes to mobile crushing and screening setups. Our experience managing multiple sites concurrently means we can scale production up and down as required, even when working remotely.

About Civil Rent

Civil Rent is our internal plant resourcing business.

We own and operate a fleet of more than 360 modern pieces of construction machinery and equipment. Our plant is fitted with the latest technology and control systems and is backed by bespoke and market-leading plant management systems. We have a full-time team of plant specialists including heavy vehicle mechanics to ensure our utilisation is maximised.

What our clients say

"SEE Civil's project team's ability to integrate collaboratively with our design engineers helped proactively generate value-for-money solutions through the design development and approval processes for our client. During the tender and delivery phases SEE's experienced project team focused on identifying opporrtunities and improve the civil works construction methodology and program, saving both on time and costs whilst reducing risks/challenges faced with the complex site ground conditions and difficult topography".

Daniel Collins
Principal Engineer - QLD
Calibre Group

"SEE Civil were transparent throughout the tender process and provided value-for-money solutions to a range of site issues ...SEE have delivered high quality work, been responsive and accomodating to client change requests and are of a size that they can swiftly alter their resources (up or down) to accomodate program scope change".

Michael Stone
General Manager - QLD
PEET Limited

"SEE Civil personnel have developed very good working relationships with the RMS site management team representatives based on an honest and open approach....Whilst the contract with RMS is based on a GC21 Schedule of Rates construct only contract, the atmosphere on site between the parties generally felt more like an alliance due to the contracting cooperative approach. I look forward to working with SEE Civil again in the future".

Peter Priest
Project Manager
Roads and Maritime Services
Pacific Highway Upgrade - Woolgoolga to Ballina Project

"SEE Civil performed exceptionally well against programmed timeframes...the collaborative effort between the Contractor (SEE), Subcontractors and Administrator ensured the project was successful – project was commissioned four weeks prior to initial anticipated completion date."

Kyle Furness
TMR Representative
DTMR – South Coast Region
Mount Lindesay Highway - South Maclean Project

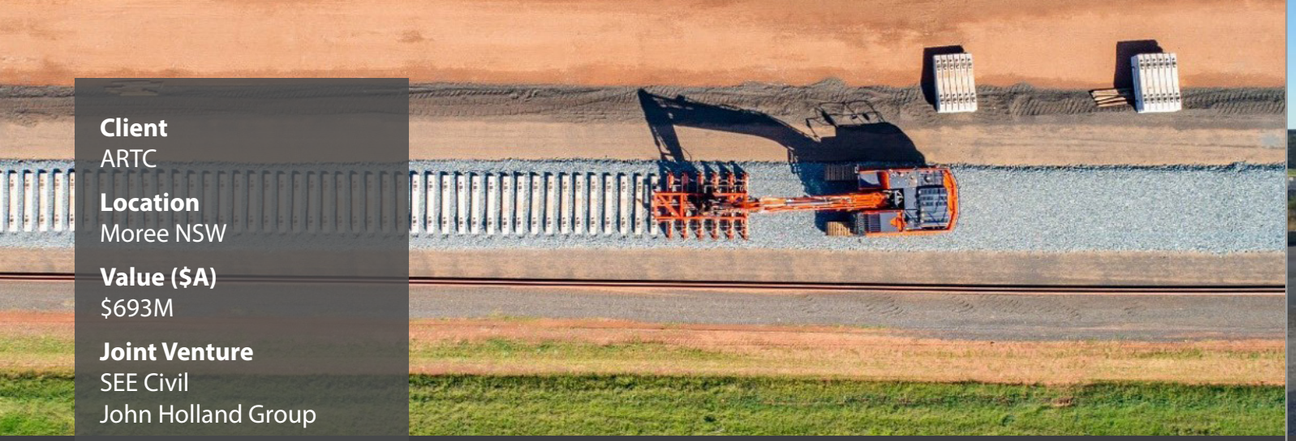
"SEE Civil personnel have developed positive and collaborative working relationships with all Airport stakeholders. Their constructive attitude towards the early identification and resolution of potential issues has resulted in various win/win outcomes and the avoidance of unecessary delays".

Travis Callaghan
General Manager Infrastructure
Queensland Airports Limited

"SEE's environmental management continued to be excellent and of a very high standard. They received a letter from the Dpt of Primary Industries Fisheries highlighting the "excellent environmental performance acheived by SEE Civil". This form of recognition is unprecendent from a Government Agency".

Conor Hanlon
Portion Lead
Pacific Complete
Pacific Highway Uprade, Woolgoolga to Ballina

CASE STUDIES



Client
ARTC

Location
Moree NSW

Value ($A)
$693M

Joint Venture
SEE Civil
John Holland Group

Timing
Nov 2020 - Oct 2023

INLAND RAIL - CASE STUDY
NARRABRI TO NORTH STAR - SEPARABLE PORTION 1

TRANS4M RAIL

Key Construction Elements

- 171km of track, formation and waterway crossings within the existing Rail Corridor
- Improving the existing horizontal alignment with curve easing at various locations to provide the maximum operational efficiency
- Newell Highway dive structure near Bellata
- Constructing five new crossing loops with associated maintenance sidings
- Renewal / upgrading of existing turnouts on the main line to existing sidings and yards
- Constructing approximately 235 rail culverts and 102 road culvert locations with up to 10,000 culvert components to install
- 2 irrigation crossings and 8 under-bridges to meet the 30 TAL structural load requirements
- Upgrading, relocating or consolidating 75 level crossings (public, private and pedestrian) on the existing alignment including Utility relocations and impact mitigations at 470 locations
- Ancillary works including flood immunity works, improving stormwater and drainage, removal of existing assets, establishing or upgrading existing fencing of the Rail Corridor, construction of noise walls, landscape and landform rehabilitation and facilitating works
- Installation and commissioning of all signalling works.

Overview

Spanning more than 1,700km, Inland Rail is the largest freight rail project in Australia and one of the most significant infrastructure projects in the world.

Inland Rail will upgrade 1,100km of existing rail line and build 600km of new track to connect missing links between Melbourne and Brisbane. It comprises of 13 individual projects across Victoria, NSW and QLD.

Trans4m Rail, a joint venture between construction contractors John Holland and SEE Civil, was announced in November 2020 as the principal contractor for Inland Rail's Narrabri to North Star – Separable Portion 1 (N2NS-SP1) a section in north west New South Wales. The N2NS-SP1 section is an upgrade of 186km of existing track, construction of 2.3km of new rail and the construction of multiple bridges and culvert crossings. The scope also includes the signalisation of sidings and level crossings at key points in the alignment. All works are constructed under track possessions.

A major driver in Trans4m Rail being successfully awarded the N2NS-SP1 package was our *early engagement and meaningful relationships* built with local landowners, Indigenous and local community groups, councils, chamber of commerce and other project stakeholders, prior to the tender being released.

"Beyond the Track" Legacy – Local and Indigenous Participation:

Through our genuine understanding of the community's drivers, concerns and challenges, we implemented our exclusive 'Beyond the Track' initiative, which is Trans4m Rail's commitment to delivering a legacy beyond the construction works phase. Our aim is to leave a positive legacy which generates long term economic and socioeconomic benefits within communities through the development of skilled local and Indigenous workers ensuring local economic benefit is spread across the entire project alignment.

Sustainability

Trans4m Rail is firmly committed to achieving an 'Excellent' ISCA rating, realising sustainable outcomes for the N2NS-SP1 project.

As part of our early engagement with the local community, we identified that water supply in the area was of major concern due to the current drought conditions. Being empathetic to the communities needs and being aware of the impact our construction activities could potentially have on the local water supply, we made a commitment to enrich the local area with legacy items such as additional water infrastructure to be constructed in various locations which may remain after project delivery is complete. In addition to this, Trans4m Rail will implement Water Champions on site to recognise and reward work groups that demonstrate reduced water use through sustainable management practices or initiatives.

These are just a couple of the many sustainable commitments our 'Beyond the Track' legacy will leave for the local area.

Client
Pacific Complete

Location
Northern NSW

Value ($A)
Various Packages $193M
(SEE Civil)

Primary Material Supply
$150M (Quarry Solutions)

Timing
2016 - 2020

ROAD CONSTRUCTION & MATERIAL SUPPLY - CASE STUDY
PACIFIC HIGHWAY - WOOLGOOLGA TO BALLINA

Overview

The Woolgoolga to Ballina (W2B) project was Australia's largest regional infrastructure project to date and has duplicated 155km of the Pacific Highway into four lanes.

Pacific Complete, comprised of Laing O'Rourke and Parsons Brinkerhoff, was appointed as the delivery partner to work with Roads and Maritime Services (RMS) to deliver the project. The project adopted a horizontal approach which separated the overall Project Works into packages including early works contracts and various large civil and bridge contracts.

A major challenge of the project was material supply for the 155km alignment due to a geographical market deficiency.

In 2013 (three years before the project commenced), SEE Group identified the W2B Pacific Highway upgrade opportunity and began quarry lease negotiations with key stakeholders, local landowners and councils resulting in the financial investment and establishment of various operation quarry resources along the project corridor.

In 2017, Quarry Solutions, a subsidiary of the SEE Group, was engaged by the Client under a Major Supply Agreement, to deliver 75% of quarry materials to each contractor along the projects 155km alignment. A total of 8.7 million tonnes of material was supplied to the project by its completion. The Major Supply Agreement also included the delivery of 1.5 million tonnes of concrete paving to deliver the largest continuous stretch of concrete paving in Australia.

In 2016, SEE Civil was awarded the first early works package and quickly became the *Contractor of Choice* for Pacific Complete by offering innovative and collaborative solutions driving down costs for the client. Between 2016 and 2020, SEE Civil managed repeat portions of work on the project and performed $193M of work via 9 work packages.

The timeline below demonstrates SEE Group's unique vertical integration self perform model, which provided significant benefits to the client and project during the successful delivery of civil construction works and material supply.

2014
- Peterson Quarry Established
- Woodburn Sandstone Quarry Established
- SEE Civil invests in increasing earthworks fleet

2015
- W2B Wave 2 Early Works package ($15m)
- Coraki Quarry Established

2016
- W2B Wave 4 Early Works package ($26m)
- W2B Wave 5C Early Works package ($17m)
- Doonbah Sand Mine Established
- W2B Wave 4 Soft Soil package ($11m). Variation to Wave 4

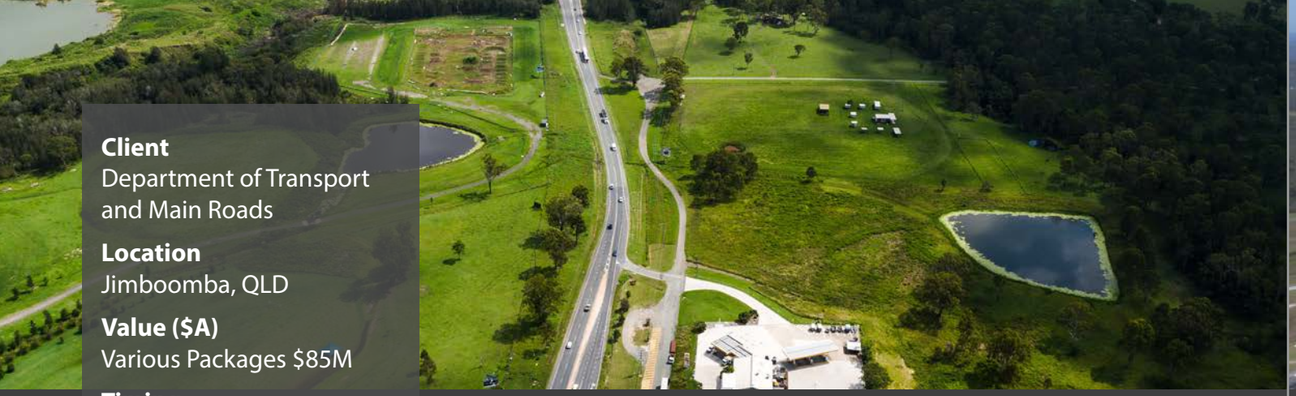
2017
- Significant upgrades completed at Woodburn Sandstone Quarry
- W2B Woodburn to Broadwater Service Road package ($37m)
- Quarry Solutions is awarded the Major Supply Agreement
- W2B Wave 2B Portion B Maclean Cut project ($18m) Variation to W2B Service Road

2018
- Significant upgrades at QS Petersons Quarry completed
- W2B Tyndale Borrow Pit package ($11m) Variation to W2B Service Road
- W2B Section 5 Foam Bitumen project ($21m)

2019
- W2B Section 5 Earthworks Package 2 ($25m)

Awards and Accolades

2017 NSW CCF Earth Awards Winner | 2017 NSW Project Manager of the Year Awards Winner | 2017 NSW Safework Awards Finalist | NSW Dpt of Primary Industries "Excellent Environmental Performance" | 2017 RMS Certificate of Excellence | 2018 NSW CCF Aboriginal Employee of the Year Awards Winner | Aboriginal Participation in Construction Target Exceeded



Client
Department of Transport and Main Roads

Location
Jimboomba, QLD

Value ($A)
Various Packages $85M

Timing
2016 - 2021

ROAD INFRASTRUCTURE - CASE STUDY
MOUNT LINDESAY HIGHWAY SAFETY UPGRADES

5 Contracts

333% achieved on local INDIGENOUS spend across 1 project

Major bridge over sensitive waterways

INTERNAL material supply true vertical integration

Outstanding results on TMR Performance Reports

314% TMR training acheived across 4 completed projects

Overview

The Mount Lindesay Highway (MLH) is one of Queensland's busiest highways along with heavy freight transport usage constrained by high density residential and commercial developments.

In 2016, the Department of Transport and Main Roads (DTMR) announced funding for the MLH to improve safety, reduce congestion and enhance corrider reliabililty by improving flood immunity along the highway.

In the past five years, SEE Civil have become the incumbent contractor winning a total of five projects along this highway due to our innvoative approach to drive down cost, our successful methodology to managing environmentally sensitive waterways and difficult terrain and our extensive community and stakeholder engagement.

SEE Civil's successful history of construction delivery on the Mount Lindesay Highway Upgrade project.

Nov 2016 - Sep 2017

Beaudesert Town Centre Bypass

$16.2M

This project constructed a 1.5km two lane urban road to bypass the Beaudsert Town Centre, providing a more efficient alternative route.

Scope of works included at grade signalised intersections and construction of a 50m bridge over Spring Creek and major drainage culverts providing Q50 flood immunity.

Feb 2019 - Dec 2019

North Maclean Safety Improvements

$13M

This project involved the construction of a new 1.2km service road connecting the Chambers Flat Road interchange with a new signalised intersection at Greenbank Road.

The project excavated over 24,000m3 of soil, installed large culvert structure beneath the MLH, installation of service and drainage infrastructure, construction of new private property accesses, complex traffic staging with nighworks and extensive community consultation with affected properties and businesses.

Feb 2019 - Dec 2019

South Maclean Safety Improvements

$8.4M

This project constructed a new siganlised intersection at Stockleigh Road to provide safer access to and from the highway. The scope also included the extension of Casuarina Road and Wharf Street and insallation of safety barriers.

The scope included complex, staged traffic management, construction of more than 47,000m2 of pavements across several layers, placement of more than 3,000 tonnes of heavy-duty dense grade asphalt, installation of road furniture and lighting, significant community liaison.

Jan 2020 - Oct 2020

Camp Cable Road to Johanna Street

$13.3M

This project constructed a duplication of the MLH in Jimboomba between Camp Cable Road and Johanna Street to create flood immunity by constructing a new northbound alignment 3m higher than the existing road alignment.

The scope of works included building a 3 span bridge with cast insitu deck, embankment construction, pavement construction, stormwater and excavation.

Feb 2021 - 2022

Chambers Flat to Stoney Camp Road

$34M

This current project will duplicate the highway from two to four lanes between Stoney Camp Road and Chambers Flat Road.

The scope includes installation of safety barriers, new northbound and southbound bridges over Norris Creek and improved fauna connectivity and protection.

Client
Gold Coast Airport Ltd

Location
Gold Coast Airprot, QLD

Value ($A)
Various Packages $70M+

Timing
2008 - 2021

AIRPORT INFRASTRUCTURE - CASE STUDY
GOLD COAST AIRPORT

8 out of 9 competitive tenders won

4 ECI sole tenderer contract negotiation
1 D&C contract

8 airside projects
6 landside projects

Overview

SEE Civil has been the primary civil contractor at Gold Coast Airport (GCA) for over 13 years, undertaking a variety of airside projects such as Joint User Hydrant Infrastructure, new taxiway pavements, apron overlay work, significant drainage upgrades and various landside projects.

Our experience has allowed us to develop a solid understanding of the unique requirements of working in and around an operational airport environment.

Through our key strategic and collaborative subcontractor and supplier partnerships, our experienced aviation project delivery team has become the civil *contractor of choice* for Gold Coast Airport Limited (GCAL) and Queensland Airports Limited (QAL).

Snapshot of SEE Civil's recent work at the Gold Coast Airport

GOLD COAST AIRPORT
JOINT USER HYDRANT INFRASTRUCTURE

Client: Gold Coast Airport Limited
Timing: 2018 to 2019
Value: $25M

This project was undertaken to extend the existing fuel lines on the domestic apron and install a new fuel man line across the terminal front.

The works were integral to ensuring the Gold Coast Airport could facilitate increased international demand prior to the 2018 Gold Coast Commonwealth Games.

The SEE Civil team developed an excavation and staging technique that reduced impact on the Airport's existing apron, providing time and cost benefits to the client.

The project was a finalist in the 2019 Civil Contractors Federation Earth Awards.

GOLD COAST AIRPORT
TAXIWAY CHARLIE LINK

Client: Gold Coast Airport Limited
Timing: 2017 to 2018
Value: $11M

Works were conducted in an operational airside environment (including night works and runway/taxiway closures) to construct 450 metres of new Code E taxiway pavement at the Gold Coast Airport, linking two existing taxiways. Works also included asphalt overlay and strengthening of four other existing taxiways.

SEE Civil worked with the client to re-program the works schedule so the new taxiway was commissioned and operational prior to peak travel periods during the 2018 Gold Coast Commonwealth Games, at no additional cost to the client.

GOLD COAST AIRPORT
RPT STAGES 1A & 1B

Client: Gold Coast Airport Limited
Timing: 2020
Value: $5.9M

Stage 1A involved the demolition of existing apron pavements and construction of the new flexible aircraft pavements, including installation of new stormwater drainage and surface ACO drain structures, as well as electrical alterations, including airfield ground lighting.

Stage 2B involved the demolition of existing apron pavements and construction of the new PCC high strength concrete slab pavements.

Large cost savings to the client were made by using on-site infiltration basins for dewatering, eliminating the need for large volumes of ground water to be retained on-site and treated for PFAS contamination.

GOLD COAST AIRPORT
NORTHERN APRON OVERLAY ECHO

Client: Gold Coast Airport Limited
Timing: 2014 to 2015
Value: $9.2M

Construction of a new taxiway pavement adjacent to a live taxiway, with the installation of multiple large gross pollutant traps for future stormwater management. The works also included the installation of new Joint User Hydrant Infrastructure fuel lines and valve pits within the existing apron.

SEE Civil worked collaboratively with the client to manage the program of works to accommodate the arrival of Code C aircraft to the Northern Apron midway through the project. This was a large risk item for the client but was successfully managed and delivered by SEE Civil ahead of schedule.

Client
Anglo American

Location
Middlemount, Central QLD
Moura, Central QLD

Value ($A)
Aquila Mine - $25M
Dawson Mine - $25M

Timing
2019 - 2021

MINING INFRASTRUCTURE - CASE STUDY
ANGLO AMERICAN

Overview

SEE Civil were first engaged by Anglo American in June 2019 on the Three Chain Road and Dawson Highway Upgrade near Moura in Central Queensland. Due to our collaborative nature and safety record on site, we were quickly awarded another contract by Anglo in October 2020 at their Aquilla Mine site, 24 kilometres south west of Middlemount in Central Queensland.

AQUILA - OLC CIVIL AND PIT G CIVIL WORKS

Aquila is an underground hard coking coal mine near Middlemount, which will extend the life of Anglo American's existing Capcoal underground operations.

Pit G Civil Works

SEE Civil were engaged to construct the Overland Conveyor area. Works involved bulk earthworks, pavements, piling, structures footings, and finishing works for the incoming contractor to install the conveyor mechanical and electrical infrastructure.

OLC Civil Works

SEE Civil were engaged to raise the Pit G area of the project 3m to ensure flood immunity for a Q2000 flood event. Works involved upgrade of the road into the Pit, installing drainage culverts, piling works, structures for the conveyor foundations, precast retaining walls, bulk earthworks and pavements.

OLC Civil Scope of Works

- 80,450m3 Cut to Fill
- 15,220m3 Pavement material
- 240m Drainage CSP culverts
- 485m 600dia bored piles
- 64 Precast retaining walls
- 865m3 Concrete slabs and footings
- 80m Guardrail
- 21,250m2 Topsoil

Pit G Scope of Works

- 655,000m3 Cut to Fill
- 300,000m3 Cut to Stockpile
- 13,850m3 Pavement materials
- 435m Drainage CSP culverts
- 1,380m 600-900dia bored piles
- 1,913m 300dia bored piles
- 990m3 Concrete slabs and footings
- 1,765m Guardrail
- 117,000m2 Topsoiling

THREE CHAIN ROAD AND DAWSON HIGHWAY UPGRADE

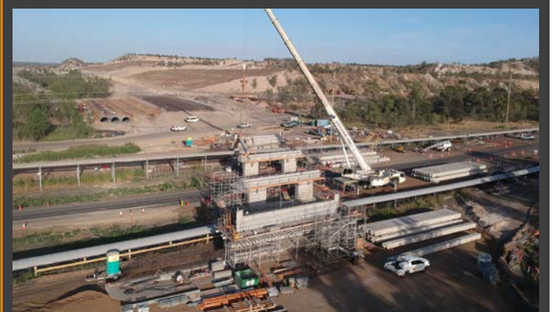
SEE Civil were engaged by Anglo American to construct a new road alongside and through the Dawson Mine as well as duplicate the existing Dawson Highway near Moura in Central Queensland.

The project included a 3-span BEBO arch bridge over the road and mine conveyors. Each BEBO arch unit weighed 22T and required three cranes on site one to assist with the dual rotation lift, the other two installing together to secure the two units in place to create the Arch. The BEBO Arch will be used by the Dawson Mine for loaded mine trucks to travel over top, while local vehicles travel through.

Foundations were improved by a Rapid Impact Compactor (RIC), which enabled the existing mine overburden material within the road reserve to be compacted to a depth of 4-8m below. This reduced the quantity of bulk excavation and embankment material to be placed providing construction cost savings for the client.

Key Construction Elements:

- 250,000m3 bulk earthworks
- 3-span bridge over road and mine conveyors
- 75m BEBO Arch
- Rapid Impact Compaction (RIC) foundation improvement
- Stormwater CSP, RCBC and RCP culverts
- Pavements, seal, asphalt
- Road furniture and finishing works
- Highway tie-ins and traffic switches



Client
Various

Location
South East Queensland

Value ($A)
Various

Timing
2014 to ongoing

URBAN DEVELOPMENT - CASE STUDY
PROVIDENCE ESTATE, ECCO RIPLEY ESTATE, EMPIRE ESTATE

Overview

SEE Civil's Urban team have been delivering rolling packages of works for a number of clients and projects over the years. These include Ecco Ripley Estate, Providence Estate, Empire Industrial Estate and Flagstone Estate, to name just a few. This is testament to the high-quality of work performed, excellent relationships developed with the consulting engineers and client, as well as meeting and often exceeding the budgetary and program needs.

Snapshot of Urban's rolling packages of works

PROVIDENCE ESTATE | STOCKLAND DEVELOPMENT

Value ($A) $73M+ to date | Timing June 2015 - ongoing

Providence Estate is the largest masterplanned community in the Ripley Valley growth corridor. The estate is a 670 hectare site which will eventually hold around 7,000 homes.

Since 2015, SEE Civil have completed in excess of 28 stages of works combining both urban residential and retail development as well as major upgrades to existing road infrastructure and associated services.

SEE Civil have consistently acheived target programs and in most cases exceeded expectations to meet sales demands.

ECCO RIPLEY ESTATE | SEKISUI HOUSE

Value ($A) $68M+ to date | Timing 2014 - ongoing

The Ecco Ripley Development is the centrepiece of client Sekisui House's Ripley masterplan commmunity. Ripley is scheduled to accomodate 25% of Queensland's population by 2036.

Since 2014, SEE Civil has been the sole civil contractor for the client on this site. Our rolling program of works have included bulk earthworks exceeding 1,4000,000m3 of cut/fill and cut/export, large trunk infrastructure and stormwater detention systems, embankment stabilisation and external roadworks including four signalised interesections constructed under live traffic.

EMPIRE INDUSTRIAL ESTATE | THE STEPHENS GROUP

Value ($A) $40M+ to date | Timing 2015 - ongoing

SEE Civil are proud to be the sole civil contractor on the Empire Industrial Estate, one of the largest premium industrial estates on the Gold Coast. To date we have completed 10 stages of works, exceeding the clients expectations in all phases.

Built around three existing quarries, rock has been a big issue on site. To date we have drilled, blasted and crushed over 1,000,000m3 of material with cut/fill earthworks production rates of 13,500m3 per day and built 90,000m2 of pavements. Other works include trunk sewer installation (inlcuding 90m of tunnel boring), large retaining walls and external infrastructure upgrades to facilitate the development of large industrial and commercial facilities.

Client
Logan Water Infrastructure Alliance (LWIA)

Location
South East Queensland

Value ($A)
$13.1M

Timing
2019 - 2021

WATER INFRASTRUCTURE - CASE STUDY
LOGAN WATER INFRASTRUCTURE ALLIANCE

Overview

Since 2019, SEE Civil have completed nine packages of work for the Logan Water Infrastructure Alliance totalling over $13M. These projects range from wastewater treatment plants, pump stations, pipelines and sewer infrastructure. Below is a snapshot of some of our works to date.

ANDREW ROAD DEEP GRAVITY SEWER SYSTEM

Value ($A) $1.5M | Timing Mar 2020 - Jun 2020

SEE Civil were engaged to build a gravity sewer system to facilitate future development in Greenbank, SEQ.

The scope included, installing 1,200m of DN255 and DN150 gravity sewer (up to 9m deep), 20,000m3 of bulk earthworks to allow 9m deep sewer, installation of 700m long gravity sewer system on a live local road, 16 poly lined sewer manholes (cast insitu base, precast risers), installation of 30m of sewer rising main and reinstatement of road and traffic management.

Excavation works occurred in one lane while the adjacent traffic lane was used to manage local traffic.

CEDAR GROVE WASTE WATER TREATMENT PLANT

Value ($A) $4M | Timing Feb 2019 - Aug 2019

This award winning project saw SEE Civil deliver several key construction works for a new waste water treatment plant at Cedar Grove in South East Queensland.

The project was built in a highly environmentally sensitive area being in close proximity to the Logan River. As part of our works we are proud to have constructed 8 hectares of wetlands which have become a new home for a variety of wading birds and fauna.

The project included 120,000m3 of bulk, lime stabilised earthworks and installation of distribution pipeworks, precast structures and concrete weirs.

EAST STREET WASTE WATER PUMP STATON AND SEWER CONVEYANCE

Value ($A) $2.5M | Timing Aug 2020 - Feb 2021

This project provided a pumping station and trunk sewer network to service the increased land development and population growth in the Jimboomba area.

Works for the gravity and sewer rising were completed in close proximity to overhead HV power lines. Trenching works were performed with SEE's latest Hitachi 36T excavators fitted with height and slew limiting technology which provided engineered control to mitigate the risk of an overhead service strike.

Works were also performed under live traffic on East Street, where trenchless gravity lines were installed using micro-tunnelling for part of the project where the depth exceeded 7 metres.

PRIESTDALE ROAD WEST SPS WET WEATHER STORAGE AND STORMWATER CULVERTS

Value ($A) $1.6M | Timing Jun 2020 - Jan 2021

This project was undertaken to create an emergency wet weather storage facility for the trunk sewer network to provide an additional 240kL of sewer retention during wet weather events to help alleviate discharge of diluted sewage into stormwater overflows.

SEE Civil completed all works without shutting down any of the existing trunk sewer or rising mains infrastructure.

SEE Civil also upgraded the drainage to Woodlands Park and Priestdale Road including installation of box culverts to replace the dated stormwater pipes under Priestdale Road. Prior to this initiative, stormwater runoff flow paths would receive significant flows from only a few millimetres of rain.

CONTACT US

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