



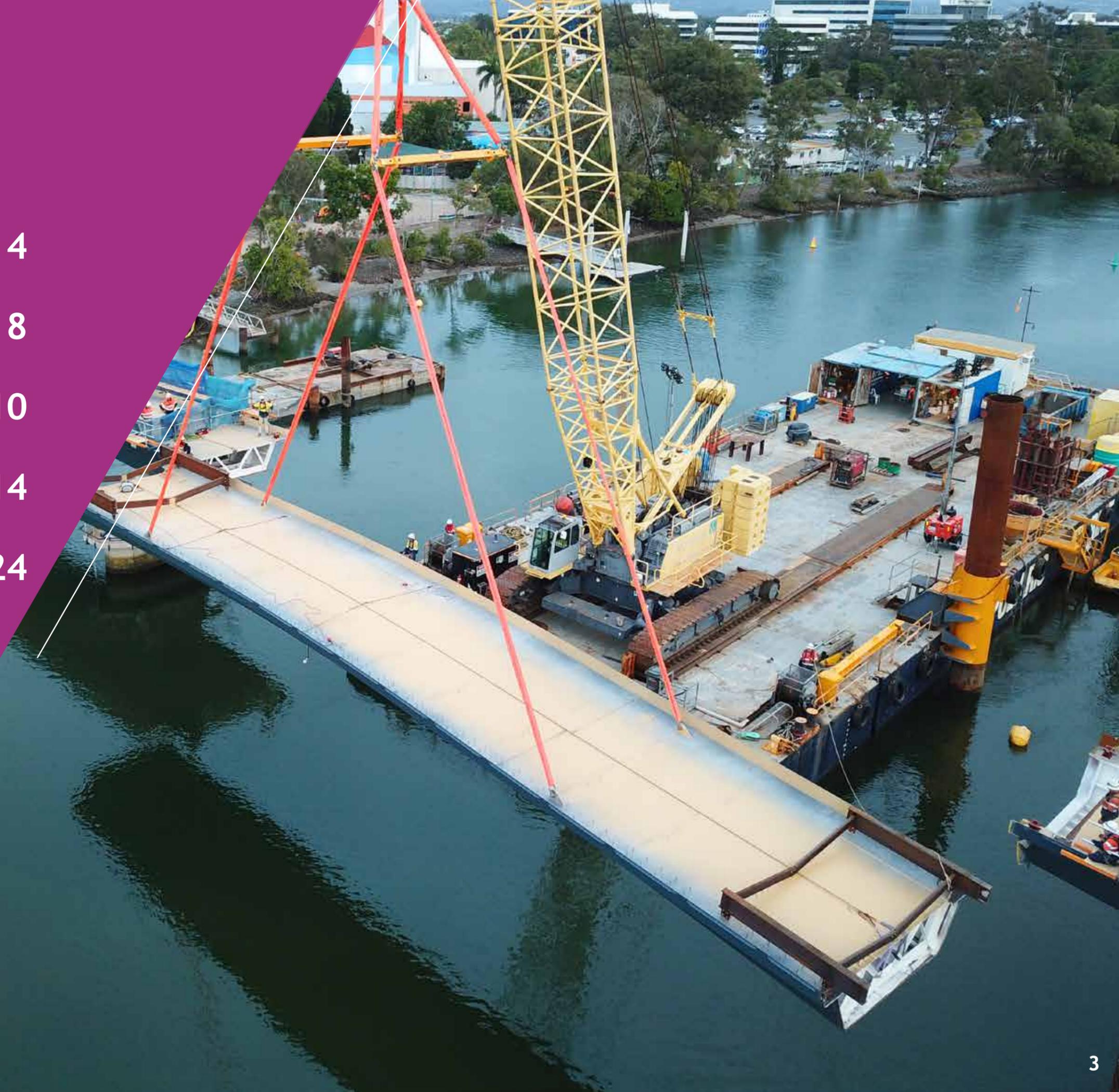
Georgiou 

# 2020 ANNUAL REPORT

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PHOTO: HOTA Green Bridge, QLD.



# ABOUT US

Georgiou provides a diverse range of civil and building construction services to government and private clients across Australia.

With a focus on achieving excellent results for its clients and pursuing innovative solutions, while remaining focused on first class safety outcomes, Georgiou boasts more than 40 years' experience in delivering major projects across Australia.

In the civil sector, we provide contracting services to the following markets: transport - road and rail, urban development, industrial, agricultural, mining, defence, marine and water.

In the building sector, we provide contracting services to the following markets: commercial, health, retirement and aged care, retail, education, industrial, mining and public infrastructure.

With offices around Australia, Georgiou has a directly employed workforce of more than 700 people and aims to be *'the best people to work with'*.



Revenue  
**\$608**  
MILLION

Work-in-hand  
**\$900**  
MILLION

Profit  
**\$9.5**  
MILLION

# OUR VALUES



**SAFETY**  
*Safety is My Way*



**PROFIT**  
*I value profit and make every dollar count*



**RELATIONSHIPS**  
*We build lasting client and subcontractor relationships through trust and performance*



**PEOPLE**  
*The best people to work with*



**INNOVATION**  
*Innovation powers growth*

# CHAIRMAN'S COLUMN

FY20 has been a very strong year for Georgiou. We continued to secure repeat work with existing clients such as Transport for New South Wales, Main Roads WA, Public Transport Authority, Transport and Main Roads Qld, Department of Defence, Water Corporation, Ramsay Health, Rio Tinto, Stockland, LWP and partnered with likeminded companies and specialist contractors that have allowed us to compete for larger infrastructure projects. As we enter FY21, we increased our work-in-hand for FY21 and FY22, added to our strategy around safety performance and continued to bring on-board some of the best talent in our industry.

## OPERATIONAL HIGHLIGHTS

This year's results are positive, with Georgiou producing \$608.6 million of revenue and delivering the improved profit of \$9.5 million. Circa 50 percent of our revenue is coming from our east coast businesses in New South Wales and Queensland, which is evidence our strategy and growth plans in these regions has been effective. Our work-in-hand at 30 June 2020 has also increased from the same period last year.

## MARKET OUTLOOK

Due to COVID-19, both Federal and State Governments are continuing to invest heavily in infrastructure projects across the country. This stimulus will see continued contraction of the labour market as companies vie for the best talent in their own backyards. Tender opportunities in the transport sector (road and rail) remain positive with a number of government infrastructure projects being fast-tracked and utilising partnering style contracts to accelerate delivery.

Now, more than ever, government will need to look at breaking down larger construction projects into packages that enable mid-tier Australian contractors to compete and contribute to the Australian economy.

## BOARD CHANGES

I'd like to take this opportunity to thank Non-Executive Director Brian Riggall who this year retired from the company's Board. He leaves with the Board's best wishes and I add my personal thanks to Brian for his energy, perspective and visible leadership during his tenure.

## GEORGIU'S FUTURE

For Georgiou, FY21 will be focused on aiming to be the best people to work for and with, not just for our employees but our partners and clients. The company delivered another solid performance and is well-placed given the current work-in-hand, delivery capabilities and tender pipeline. It has been another year of ensuring Georgiou Group is in robust health to capitalise on the exciting opportunities ahead.

*John Georgiou*

Chairman, Georgiou Board

*This year's results are positive, with Georgiou producing \$608.6 million of revenue and delivering the improved profit of \$9.5 million.*

# CEO REVIEW

2020 will be remembered as one of the most challenging in Australia's history, with bushfires ravaging large parts of Australia's eastern states and the COVID-19 pandemic resulting in widespread shutdowns and a dramatic shift in the way we work. Despite the circumstances, Georgiou performed well. We continued to successfully deliver projects across the country, while continuing to build our team and capability.

## PROJECT PERFORMANCE

In FY20, we successfully delivered a number of iconic projects such as The Northern Road Stage 4 (NSW), Green Bridge (Qld), Botanic Gardens (Qld), Costco New Membership Warehouse (WA), Marina East Apartments (WA), Hollywood Hospital Consulting Centre (WA), Old Windsor Road (NSW), Windsor Bridge (NSW), Tabulam Bridge (NSW), Sydney Metro Northwest Ancillary Package (NSW), PAPL Pedestrian Bridge (WA), Dampier Foreshore Redevelopment (WA), Galleria Redevelopment Works (WA) and numerous land development estates across the Perth metropolitan area.

Additionally, FY20 saw the Group secure some of its largest projects in Tonkin Gap (\$400M), Townsville Ring Road (\$143M), Denmark Pipeline (\$15M), Mesa H Earthworks (\$45M), Hollywood Hospital South Block (\$53M), Indooroopilly Riverwalk (\$37M), High Street Upgrade (\$45M) and the Isle of Capri Bridge (\$40M).

## OUR STRATEGY

In the past year, we revised our company strategy, shifting our focus to providing an increased return to our shareholders. We set initiatives around accountability and discipline, capitalising on growth opportunities and improving project performance. Areas of our business that require constant attention and improvement are our safety culture and developing our people.

While our safety performance needs improvement, I'm encouraged by our strong reporting of high potentials which inform our business of the risks we face and enables our teams to mitigate these hazards. The past 12 months, our focus has been on empowering our employees, emphasising that safety is not the responsibility of the safety team, but that we all have roles to play in improving our safety culture. Internally, we have made a number of changes around safety. These include:

- reviewing our critical risks and aligning these in our master risk register;
- onboarding and training of our supervisors and critical roles;
- introducing ICAM to replace Taproot for incident investigation; and
- putting many of our supervision group through Certificate IV health and safety training.



*The 2020 financial year will be remembered as one of the most challenging in Australia's history...*

By having heavy involvement from our frontline personnel in system changes prior to implementation, we are starting to see things shift. It is simply unacceptable to send an employee home in a different condition to the one they were in when they left to come to work.

When it comes to our people, we've continued to invest in their development. During these uncertain times, we've grown our team, offered greater flexibility arrangements and improved the diversity of our workforce.

Our engagement survey returned encouraging results, with 83% recommending Georgiou as a great place to work. The survey also highlighted areas of improvement around better change management, working hours and development opportunities - all of which I'm committed to tackling, with the full support of our Board and Leadership Team.

## OUTLOOK

Georgiou's current level of work-in-hand and pipeline of opportunities have allowed the Company to select projects which better suit our resources and capabilities. What makes this possible is our great team who responded to COVID-19 despite the significant disruption to their home and working lives and remained committed to delivering great infrastructure that keeps people moving.

*Rob Monaci*

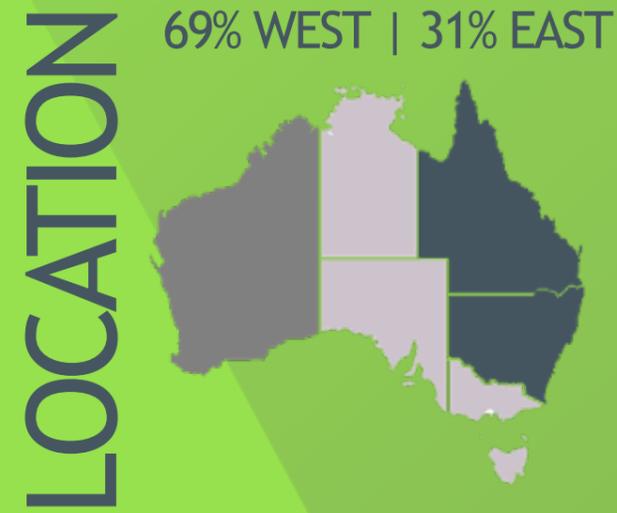
Chief Executive Officer



# PEOPLE



## EMPLOYEES



71% SALARIED  
29% WAGES



20 GRADUATES  
17 CADETS  
22 TRAINEES  
06 APPRENTICES

4,210,000  
MANHOURS WORKED



# BOARD OF DIRECTORS



## **BRIAN RIGGALL** Non-Executive Director

*BEng (Civil/Structural), MBA (Business Administration)*

Having held senior leadership roles at Baulderstone and Seymour Whyte, Brian brings more than 35 years' experience in the construction industry to the Board, along with his strong strategic approach and proven experience in growing businesses.

## **ROB MONACI** CEO/Director

*BE (Civil), FIE Aust, CPEng, EngExec NER  
APEC/IntPE (Aus)*

Rob's leadership style drives an engaged, motivated and accountable organisational culture at Georgiou. With more than 30 years in engineering and construction, Rob has developed practical approaches to project management and financial control that work. To Rob, customer satisfaction and relationship longevity are key to success. As CEO, Rob has led Georgiou's profitable growth whilst strengthening its brand with key clients.

## **JOHN GEORGIU** Chairman/Director

*BE (Civil and Environmental), OPM 36 (Harvard Business School), FIEAust, CPEng, EngExec NER, APEC/IntPE (Aus)*

John has more 30 years' experience in the construction and property industry. As CEO of Georgiou Group from 1998-2018, John's extensive experience in business development, strategic planning and organisational development resulted in the company's steady growth and geographical expansion into Queensland and NSW. John is a Founding Director of the Australian Owned Contractors (AOC) - a group of local Australian contractors advocating for greater opportunities in delivery major public infrastructure across the country.

## **LUI GUILIANI** Non-Executive Director

*BBus (Curtin), CA*

Lui was previously a partner at Ernst & Young and brings to Georgiou's Board extensive experience in acquisitions, business development, business structuring, financial analysis and corporate governance. Lui's experience and knowledge is invaluable when assessing potential growth and expansion opportunities for Georgiou.

# LEADERSHIP TEAM



**Scott Morris**  
Chief Financial Officer  
*B.Bus CPA*

**Experience**

Scott has more than 20 years' experience as a finance professional across a number of different industries. Scott's leads the management of the Finance and IT functions at Georgiou as well as playing lead role in the in the company's strategic planning processes.



**Tony Vowles**  
Chief Risk Officer  
*BCOM, EMBA, LLM, GDipCSP, GDipLdrshp&Mgt, GCertConstrLaw, FGIA, FCG (CS, CGP), GAICD*

**Experience**

With more than 30 years' experience in the areas of commercial and risk within the construction industry, Tony leads the Company's risk business unit which has oversight of all commercial and legal matters, corporate risk, group insurance and the company secretariat.



**Lambros Siamos**  
EGM Shared Services  
*BE (Construction), GMP (Harvard Business School)*

**Experience**

Lambros has worked with Georgiou for more than 25 years in project, pre-contracts, management and executive roles. Lambros leads the management of the business improvement, people and capability, health, safety, quality and environment functions at Georgiou. His role also includes management of Georgiou's diversity and inclusion programs.



**Steve Tennant**  
EGM Infrastructure  
*BSc Hons, MIEAust, CPEng, PMP*

**Experience**

Steve has more than 30 years' experience in an engineering capacity and is responsible for the management of Georgiou's Infrastructure in Western Australia which operates in predominately land development, water and roads and bridges. He also has oversight of the company's precast, plant and survey operations.



**Gary Georgiou**  
EGM Eastern Region  
*BE (Civil), FIEAust, CPEng, EngExec, OPM53 (Harvard Business School)*

**Experience**

Gary has more than 25 years' experience in the construction industry on the East Coast of Australia, both as a professional engineer and business leader. Gary is responsible for Georgiou's eastern region businesses, ensuring the company is well-positioned to capitalise on opportunities and successfully delivering projects across the government and private sectors.



**Steve Okill**  
GM Building  
*BCmec; SDCP; DipAPPSC (Building)*

**Experience**

Steve is an experienced project and construction management executive with more than 20 years' experience. Steve is responsible for the management of Georgiou's building business nationally.



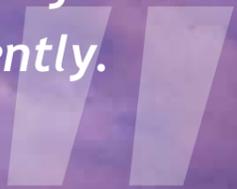
**Simon Welfare**  
GM Engineering  
*BE (Civil), BCOM*

**Experience**

Bringing more than 20 years' construction experience to the role, Simon's leadership experience includes the successful delivery of major public infrastructure road and rail projects, along with extensive experience working for blue-chip clients such as BHP Billiton, Chevron, Rio Tinto and Alcoa.



*The relationship between government agencies and private contractors enabled full integration of expertise, which ultimately led to this large scale infrastructure project being delivered safely and efficiently.*





*FY20 saw a stronger safety focus and step change in behaviour across the business...*

# PEOPLE

## IMPROVING SAFETY

FY20 saw a stronger safety focus and step change in behaviour across the business, resulting in the business reaching a TRIFR of 6.38 as at November 2020.

“No company wants to send their employees home in a different shape to how they came to work. Georgiou is no different. In an effort to reduce our TRIFR and drive safer behaviour, the business engaged an external consultant to review Georgiou’s safety performance and approach,” said EGM Lambros Siamos.

“As a result, a number of key changes have been made. Notably, greater engagement from our frontline supervision cohort who are pivotal to leading safer behaviour on our projects. In Western Australia, our supervisors and superintendents underwent their Certificate IV in Health and Safety and are now involved in the review of any safety system changes - ensuring the proposed changes translate to a safer construction project.

“Additionally, we held mock coronial trials in Queensland where our project teams (including supervisors) were exposed to a simulated court case around a workplace accident. We’ve also replaced our Taproot investigation process with ICAM, and are in the process of finalising our review into our critical risks.

“For Georgiou, it’s about changing the safety behaviour and, in turn, our safety culture. Gone are the days where safety is the responsibility of the safety team, it sits at each level of the organisation and I believe our project teams have the right tools and training to change behaviours and deliver projects in a safer manner.”

## PUTTING OUR PEOPLE FIRST

FY20 was a challenging year for many Australians with the COVID-19 pandemic changing the way we work. For Georgiou, it resulted in a six week period where our office personnel worked remotely and our projects worked on alternating rosters to avoid potential transmission of COVID within the business.

In February, our COVID Management Team was established and continue to meet on a regular basis to assess the evolving COVID situation within Australia and implement measures, as required. Controls implemented during this time include daily temperature testing, introduction of additional sanitisation stations, social distancing limitations and more. For our teams in New South Wales, many of these measures are still in place. Additionally, a number of our projects were affected as borders shut and domestic travel came to a halt.

“The COVID pandemic necessitated Georgiou’s need to trial flexible work arrangements which resulted in the introduction of a new flexible work procedure. Combined with the introduction of Microsoft Teams, we changed the way we operate to not only provide greater flexibility to our people, but in a way that ensured the business could continue operating as usual,” said West Coast Human Resources Manager Damien Waller.

Currently, 95% of flexible work requests have been approved with a number of employees permanently working on flexible arrangements across the country.



During this period, Georgiou secured a number of large projects and, with this, continued to attract the best talent in the industry, despite the tight labour market conditions.

“This is testament to our employee value proposition - Georgiou is currently delivering some complex and technically challenging projects around Australia,” East Coast Human Resources Manager Courtney Scott said.

“Combined with our flexible work arrangements, strong commitment to developing our people and our diverse and inclusive culture, we hope to continue attracting and retaining the best people in line with our vision.”

## DIVERSITY AND INCLUSION

We continued to deliver on our fourth Reconciliation Action Plan (RAP), recording a 150% increase in Indigenous spend for FY20. This was achieved by engaging strong, Indigenous businesses on a number of our projects, while educating our people about our RAP and their role in helping close the gap between Indigenous and non-Indigenous Australians.

“This past year we’ve seen growth in our employee’s understanding of our RAP commitments and tactics they can employ to engage more Indigenous businesses on their projects. Like many construction companies, our Indigenous or local content targets are driven by the client, however FY20 really saw Georgiou take the lead and develop internal targets - something that will be expanded on greatly in FY21,” explains ATSI Manager Jason Stern.

“Our focus is to now roll out National cultural awareness training to all of our people. Our approach will roll out training in three phases: Leadership/Executive training will involve cultural immersion; project management training will involve an intense cultural awareness training course and then an eLearning course for all remaining employees. What this approach will do is provide different levels of understanding depending on the

interaction and decision-making power of each group.

“It is our hope that engaging Indigenous businesses and employees moves beyond being a target and becomes business as usual. We have some incredible Indigenous-owned businesses on board and look forward to boosting numbers in the years to come. This will be our strategy for our upcoming fifth RAP set for release in 2021.”

## SUSTAINABILITY

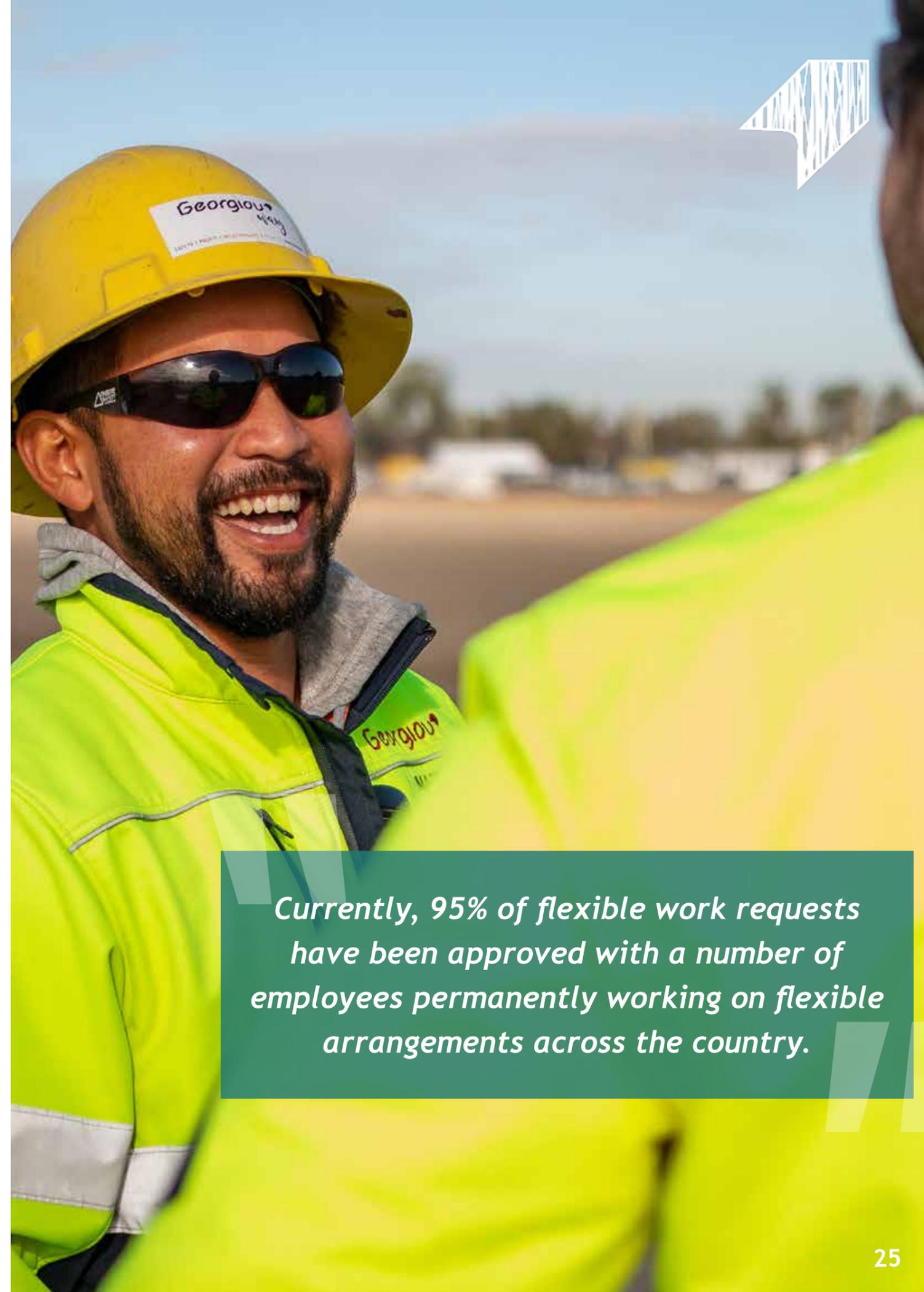
Georgiou continues to deliver projects with key sustainability outcomes for the client, environment and community.

In NSW, the Northern Road Upgrade Stage 4 is on track to deliver the first Georgiou verified ‘As Built’ IS Rating Scheme (IS) Excellent rating. The final submission has occurred and the Georgiou Ertech Joint Venture await Infrastructure Sustainability Council of Australia (ISCA) assessment. In addition, Georgiou is assisting our client QUBE to achieve IS rating on the Moorebank West Precinct Stage 2 - as part of their greater Moorebank Intermodal ISCA Rating.

In Queensland, design has commenced on the Bruce Highway-Townsville Ring Road Stage 5 project which requires an ISCA Verified ‘Design’ and ‘As Built’ rating.

In Western Australia, Georgiou is currently delivering three Western Australian projects (excluding the Tonkin Gap Alliance) that require ‘Design’ and ‘As Built’ self-assessed ISCA rating scores of Excellent (obtaining a minimum rating score of 55).

The IS Rating Scheme is Australia and New Zealand’s only comprehensive rating system for evaluating sustainability across the planning, design, construction and operational phases of infrastructure programs, projects, networks and assets. IS is a third-party assured assessment and is now a key contract requirement for significant road and rail infrastructure projects across the country.



*Currently, 95% of flexible work requests have been approved with a number of employees permanently working on flexible arrangements across the country.*

# PROJECTS

**8.2** CLIENT SATISFACTION SCORE

**90%** REPEAT WORK

**35** TOTAL PROJECTS

**\$900M** WORK IN HAND

## AWARDED

BUSHMEAD ROAD UPGRADE  
CALLEYA ESTATE  
CBH MOORA  
DENMARK PIPELINE  
EAST END REVITALISATION PROJECT  
ELLENBROOK ESTATE  
GARDEN ISLAND WHARF  
HIGH STREET UPGRADE  
HOLLYWOOD HOSPITAL SOUTH BLOCK  
INDOOROPILLY RIVERWALK  
ISLE OF CAPRI  
KENWICK FREIGHT FACILITY  
MOOREBANK LOGISTICS PARK WEST  
MESA H EARTHWORKS  
OSBORNE PARK DRAIN  
PACIFIC HIGHWAY EARLY WORKS  
SOUTH ALKIMOS  
TABULAM BRIDGE  
TONKIN GAP  
TOWNSVILLE RING ROAD

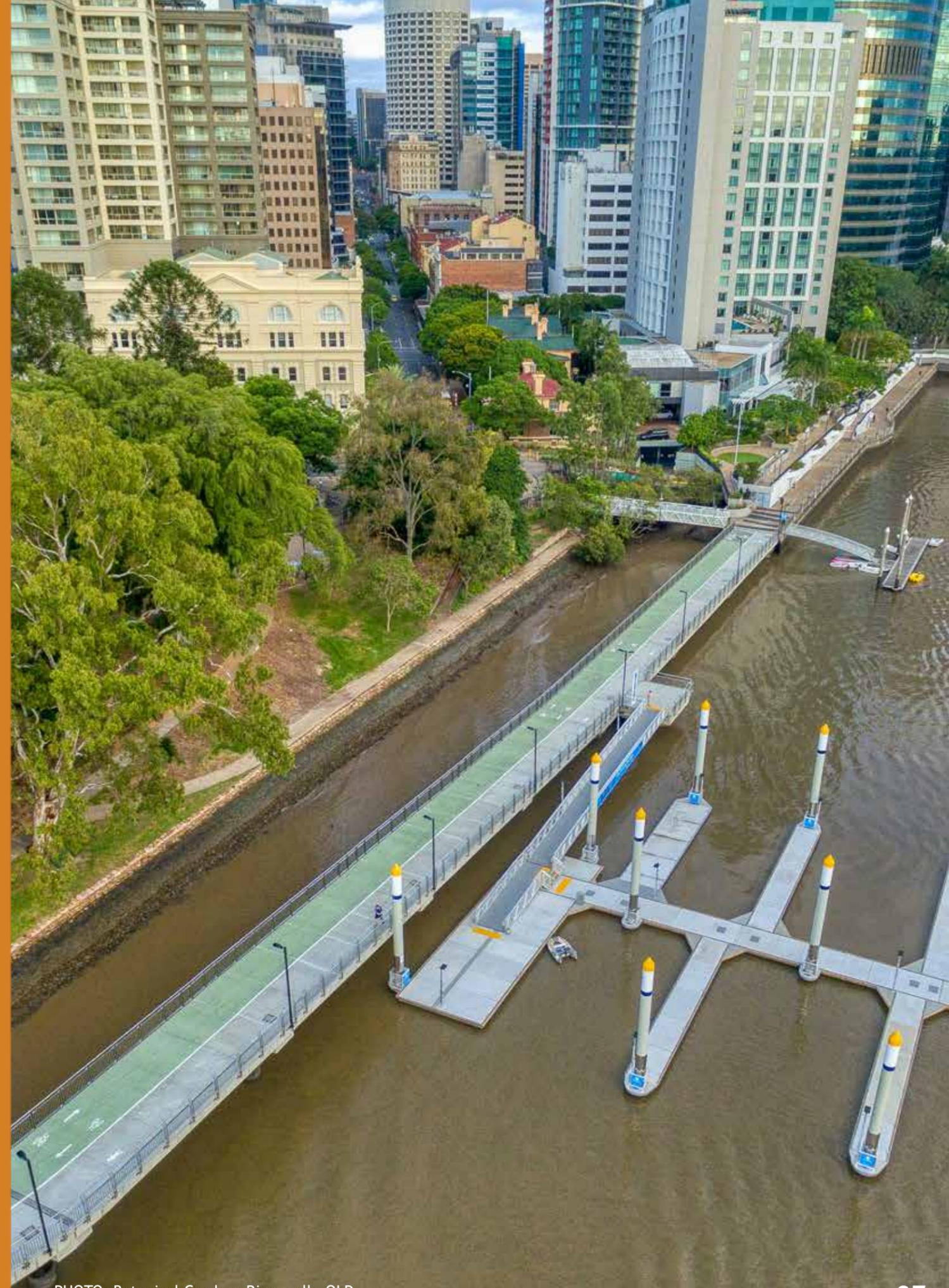


PHOTO: Botanical Gardens Riverwalk, QLD.

# OUR BUSINESS

## Building



## HOLLYWOOD PRIVATE HOSPITAL SOUTH BLOCK AND ADMINISTRATION UPGRADE

In early 2020, Georgiou was awarded a \$53 million contract by Ramsay Health Care to deliver Hollywood Private Hospital's South Block and Administration Upgrade, designed by architect Silver Thomas Hanley.

Scope of work includes the design and construction of a new emergency department and three 30-bed wards at their Nedlands campus, including tenancies, expansion of the current radiology unit and associated carpark.

The project will be handed over in stages, with the first set for completion in 2021.

This is not the first project delivered on the campus by Georgiou, with the team handing over the Consulting Centre in early 2020 which involved the design and construction of the new medical facilities, cancer centre and gastroenterology unit, including oncology bunkers and parking.



Repeat client



Perth's second private ED



100 personnel at peak

PHOTO: PAPL Skybridge, WA.



PHOTO: Hollywood Hospital Expansion, WA.



280-metre long bridge

### PAPL SKYBRIDGE

The \$25 million Perth Airport Skybridge is the first pedestrian bridge of its kind in Western Australia and comprises an elevated sheltered steel bridge (with associated nodes) for transportation between the T1 terminal forecourt and the new Airport Central Station.



12 steel modules

Due to the project's complexity, the client proposed a collaborative Early Contractor Involvement and Design and Construct model which Georgiou secured in early 2018 after a competitive tender process. As part of the ECI, Georgiou re-engineered the project to not only meet the client's budget, but support efficient and effective operations, minimise the lifecycle costs of the project, its operations and future changes. This was achieved through the use of BIM technologies and thanks to a close working relationship between Georgiou and our client, Perth Airport.



First pedestrian bridge of its kind in WA

Scope of work included the construction of the 280-metre long bridge plus associated enabling works, earthworks, service relocations, demolition and landscaping.

During construction, Georgiou utilised an innovative off-site fabrication and delivery solution for the 12 steel modules which minimised works and disruption to the live airport site.

# OUR BUSINESS

## Civil

PHOTO: Roe Highway and Kalamunda Road Interchange, WA.



95  
personnel at peak



60,000  
vehicle movements  
per day



\$51 million  
contract value

### ROE HIGHWAY AND KALAMUNDA ROAD INTERCHANGE

Georgiou is currently delivering the design and construct contract for the new interchange at Roe Highway and Kalamunda Road for Main Roads WA.

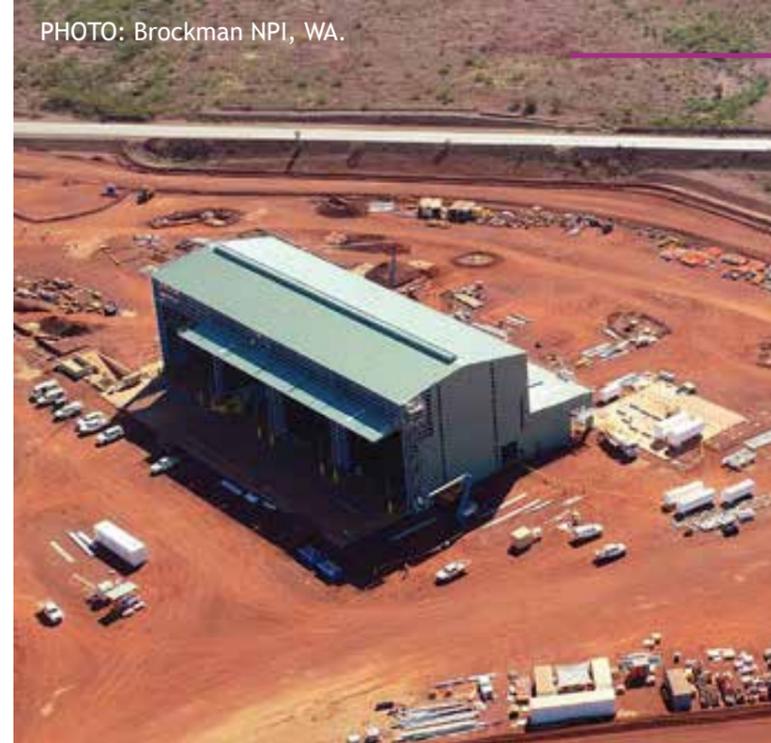
The project will see Roe Highway lowered by approximately nine metres to pass beneath Kalamunda Road. Scope of works includes:

- construction of a grade-separated intersection at the Roe Highway and Kalamunda Road intersection including a new bridge, two roundabouts and on and off ramps;
- lowering Roe Highway to pass beneath Kalamunda Road. This will minimise noise and visual intrusion for the surrounding residential area;
- creation of a shared path on the eastern side of the highway and on Kalamunda Road, with local links for pedestrians and cyclists. The path will then extend to Berkshire Road and complete a missing link in the Shared Path network along Roe Highway; and
- new drainage, street lighting and other supplementary works.

A Principal Shared Path has also been constructed on the eastern side of the highway, with local connectivity provided for pedestrians and cyclists.

This path will extend to Berkshire Road, completing a missing link in the PSP network along Roe Highway.

PHOTO: Brockman NPI, WA.



### BROCKMAN NPI

With existing NPI facilities unsuitable for Rio Tinto's expanding operations in WA's northwest, Georgiou was awarded a detailed design, construction and commissioning contract to accommodate and operate new NPI facilities at Brockman 1.

Scope of works include:

- upgrade/expansion of earthworks pad and associated diversion works;
- construction of integrated HV (MEM) workshop;
- provision for a future AHS handover bay;
- refuel facility and unloading modifications;
- bulk lube and hydrocarbon storage dispensing/ unloading;
- heavy vehicle park-up for six HV's;
- road train park-up extension, workshop modification and extension;
- road train refuel/lube station modification;
- administration centre upgrades, including medical facility expansion;
- power station, oil water separator and site services upgrade and expansion;
- turkeys nest transfer pump station; and
- HV wash-down modification and upgrades.



85  
personnel at peak



\$44 million  
contract value



No  
environmental  
incidents

### TONKIN GAP

As part of the Tonkin Gap Alliance, Georgiou Group - in alliance with Main Roads WA, Public Transport Authority, BMD, WA Limestone, BG&E and GHD - will deliver the \$400 million Tonkin Gap project.

The Tonkin Gap Project will address the current bottleneck where the highway reduces from three lanes to two in Bayswater and Redcliffe.

Scope of works for the project include:

- additional traffic lanes in each direction between Collier Road and Dunreath Drive;
- new bridges over the Swan River, Guildford Road, Railway Parade, the Midland Line railway and Dunstone Road;
- upgrades to the Guildford Road and Great Eastern Highway interchanges;
- a Principal Shared Path with bridges, underpasses and local connections for cyclists and pedestrians; and
- noise walls, lighting and amenity improvements.

Works are scheduled for completion in 2023.



PHOTO: Tonkin Gap, WA.



3,000+  
jobs created



Four  
bridges



\$400 million  
contract value



## CAIRNS SOUTHERN ACCESS CORRIDOR STAGE 4

Georgiou, in joint venture with Koppens Developments, is currently delivering the Bruce Highway - Cairns Southern Access Corridor Stage 4 project from Kate Street to Aumuller Street for client, Department of Transport and Main Roads.

The project involves upgrading 2.6km of the Bruce Highway from four to six lanes and will deliver long-term improvements to traffic flow, freight delivery and road safety south of Cairns.

Scope of work includes:

- widening of the Bruce Highway to six lanes between Kate Street (renamed Links Drive) and Aumuller Street;
- a new three lane inbound bridge to replace the existing two-lane inbound bridge and widening of the existing outbound bridge from two to three lanes;
- a new off-road shared pathway;
- upgrade the signalised intersections at Lyons Street and Aumuller Street with additional turning lanes; and
- upgrade the Draper/Kenny Street roundabout to a signalised intersection with a new double left turn for outbound traffic.



37,000  
vehicle movements  
per day



1,774m<sup>2</sup>  
bridge



120  
personnel at peak

## GARDEN ISLAND WHARF CONSTRUCTION

Georgiou - in joint venture with Brady Marine and Civil - was awarded the \$74 million piling and precast packages for the new wharf construction at the Garden Island Defence Precinct.

The project, awarded by Managing Contractor the Garden Island Bayinguwa Delivery Team (a joint venture between Lendlease and PSG Holdings) involves construction of wharf structures - new realigned wharf in place of the existing Old Wharf; and all services required to support current and future naval vessels.

The project draws on Georgiou's expertise in delivering marine-based structures and builds on our capability in the defence sector.



400m  
wharf



700T  
reinforcement



4,000m<sup>3</sup>  
of concrete

## HOTA GREEN BRIDGE

In February 2020, Georgiou delivered the Gold Coast Cultural Precinct - Green Bridge project, valued at circa \$17 million, in a 50/50 joint venture with Brady Marine and Civil. Scope of work included the design and construction of a 130-metre long, five-metre wide steel box girder pedestrian and cycle bridge which joins Chevron Island to the new Gold Coast Cultural Precinct.

The bridge was constructed in three stages:

- Stage 1: Foundations (piling and excavation)
- Stage 2: Sub-structure (pile caps, columns, abutment construction and J-Wall construction)
- Stage 3: Super-structure (installation of deck, handrails, and finishes).

One of the biggest challenges faced on the project was the construction of the sub- and super-structures over water. Given the limited site footprint at each abutment, the team utilised a 280-tonne crawler crane mounted on a 2,100-tonne barge to maximise

the amount of work completed from the water. This innovative configuration supported the piling, installation of precast pile cap shells, forming and pouring of water-based structures and, where possible, storage of materials.

The project was awarded a Civil Contractor Federation (CCF) Qld Award for best project (\$10 million to \$30 million).



130T  
bridge steelwork



Four  
girders



16  
piles

PHOTO: HOTA Green Bridge, QLD. Image CoGC.





PHOTO: New England Highway Upgrade, NSW.

## NEW ENGLAND HIGHWAY UPGRADE AT BOLIVIA HILL

Georgiou is delivering the New England Highway Upgrade at Bolivia Hill by Transport for New South Wales, valued at \$100 million.

The project, which is being delivered in joint venture with SRG, involves the construction of 2.1km of new road, a new 320-metre long bridge, wider lanes in each direction and widened road shoulders to improve safety.

Scope of works for the project also includes:

- upgrading 2.1 km of the New England Highway;
- widening of the existing two-lane highway to provide a minimum shoulder width of two metres;
- construction of a bridge approximately 320m-long to realign the highway;

- realigning the highway (horizontally and vertically);
- construction of a temporary compound site accessible from Pyes Creek Road, which will allow for concrete batching plant, site office, laydown and stockpile areas during construction;
- design, verification and construction of access tracks connecting the compound site to the bridge pier locations via the valley floor; and
- removal and regrading of temporary access tracks to provide permanent 4WD drive access.

Once complete, the project is expected to improve road safety and road transport productivity, efficiency and reliability of travel and minimise the impact on the natural, culture and built environment.



80,000m<sup>3</sup>  
earthworks



10,500m<sup>3</sup>  
of concrete



2,000  
vehicle movements  
per day

## WINDSOR BRIDGE REPLACEMENT

Georgiou is currently completing the Windsor Bridge Replacement project for Transport for New South Wales in Sydney's northwest.

Originally built for horse-drawn vehicles and foot traffic in 1874, the current Windsor Bridge is used by more than 19,000 vehicles daily and has reached the end of its project life.

Located 35 metres downstream from the original Windsor Bridge, the new bridge, with two lanes southbound and one northbound, will compliment upgraded intersections on both sides of the Hawkesbury River.

Scope of work includes construction of a 156.6-metre long, five-span incrementally launched bridge and associated roadworks for the new alignment, plus the removal of the existing bridge and road approaches once the new bridge is operational.

The project is located in the centre of a historically and culturally significant location. Georgiou is working closely with the client and archaeological experts to document and preserve any historical finds as construction progresses. Significant finds to date include a barrel drain from 1814, timber and nails from a 19th Century shipwreck and various other Aboriginal and non-Aboriginal artefacts including stone tools, ceramics, bottles and bricks.



19,000  
vehicle movements  
per day



3,390m<sup>3</sup>  
bridge



13  
launches in total

PHOTO: Windsor Bridge, NSW.





PHOTO: Denmark Pipeline, WA

## DENMARK PIPELINE

In June 2020, Georgiou was awarded Water Corporation's 43km pipeline to connect Denmark to their Lower Great Southern Town Water Supply Scheme.

The proposed route will connect the pipeline at Chorkerup Tank, 30 kilometres north of Albany, then follow the road reserve west along Wilcox Road, Redmond Road West, Kernutts Road, and a small section of Denmark Mount Barker Road, connecting to the existing tank supplying water to Denmark at Scotsdale, subject to final approvals.

While the project will employ 50-60 people at peak, more than 250 people will work across the project throughout construction with 25% of the workforce coming directly from the local community.

The project is on track to deliver a long-term water supply solution for Denmark in less than 18 months with construction expected to begin in July 2020.



43km  
installation of  
water main



50-60  
personnel at peak



250  
local jobs created



PHOTO: High Street Upgrade, WA.

## HIGH STREET UPGRADE

In January 2020, Georgiou commenced construction on the High Street and Stirling Highway intersection upgrade in Fremantle WA.

The project includes:

- a new roundabout at the intersection of High Street and Stirling Highway;
- widened median on High Street to separate traffic lanes and maximise mature tree preservation;
- single-lane one-way service road for residents on the northern side of High Street;
- new underpass at the junction of Forrest Street and Stirling Highway; and
- new underpass at the junction of Montreal Street and High Street.

In the five years to 2018, there were 282 crashes along this section of High Street, including some truck rollovers at the High Street and Stirling Highway intersection.

Once complete, the upgrade will alleviate pressure on this intersection by separating local traffic from traffic going to and from Fremantle Port or locations north of the river.



72%  
of existing trees  
retained



700  
jobs created



\$118 million  
contract value



## EAST END REVITALISATION

Awarded in June 2020 by the City of Perth, the East End Revitalisation project involves a major upgrade of Hay Street, Pier Street and Irwin Street in Perth CBD's East End.

The team will construct a new public plaza space and install new artwork at the intersection of Hay and Pier streets; widen footpaths; upgrade lighting; and install attractive outdoor features such as alfresco dining, new street trees and street furniture to encourage visitors, residents and workers to dwell, eat and shop in the area.

As part of the project, the team will also upgrade all underground services and complete a full road and verge reconstruction with granite paving.

A Pedestrian Priority Zone (PPZ) will also be constructed on Hay Street, extending between the Pier and Irwin Street intersections to provide more space and amenity for pedestrians and cyclists.



PHOTO: East End Revitalisation, WA.



No  
Lost Time Injuries



35  
personnel at peak



Zero  
environmental  
incidents



*We continued to deliver on our fourth Reconciliation Action Plan (RAP), recording a 150% increase in Indigenous spend for FY20.*



# Georgiou



*The best people to work with*

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