

# GUSBUS: GATEWAY UPGRADE SOUTH STAGE 2B

MAIN CONSTRUCTION COMPANY : ABI Group  
CONSTRUCTION VALUE : \$96 Million  
COMPLETION DATE : April 2014



The upgrade includes the extension of the Gateway Motorway southbound on-ramp to the Pacific Motorway as well as upgrading connecting roads and the South-East Busway.

The \$96 million project extended and upgraded the Gateway Motorway southbound on-ramp to the Pacific Motorway, improving safety and reliability for motorists by allowing more distance and time to merge with through traffic.

As part of Stage 2B works, the Queensland Government invested a further \$36 million to extend the South East Busway from Eight Mile Plains to Rochedale (School Road) including provision for a future extension towards Springwood.



The extension of the busway will allow buses travelling through Rochedale and Rochedale South to directly access the busway network. The completion of GUSBUS has provided allowance for future upgrades in a variety of ways from future extensions to the busway and the installation of temporary barriers ready for future motorway widening.

The Federal and State Governments have also committed \$50 million of joint funding for the design and construction of Stage 2A (GUS2a) as part of the next stage of the Gateway Upgrade South projects.

Stage 2A works include widening of Mount Gravatt-Capalaba Road from Broadwater Road to Gardner/Mount Petrie roads in the Wishart/Mackenzie areas of Brisbane, construction of a new bridge for westbound traffic, and improved shared pedestrian and cyclist connections.



The main construction contract was awarded to McIlwain Civil in February 2014, with construction works including site establishment commencing onsite in April 2014. Construction is expected to be completed by late 2015, weather and construction conditions permitting.

Stage 1 of the Gateway Upgrade South project to upgrade the motorway from four to six lanes from Mount Gravatt-Capalaba Road to Miles Platting Road was completed in July 2011.

*If you would like further information about the project,* please visit the project website at [www.tmr.qld.gov.au/gatewaysouth](http://www.tmr.qld.gov.au/gatewaysouth) or contact the project team on 1800 799 686 or [gatewaysouth@tmr.qld.gov.au](mailto:gatewaysouth@tmr.qld.gov.au)



## BLACK WIDOW CIVIL — WHATEVER IT TAKES

Specialising in road and rail upgrades and duplications, Black Widow Civil has been around for over a decade, starting out as a family-owned operated business. The company now has over 40 employees and continues to strive to maintain its family values while providing quality solutions for its customers.

True to its motto “Whatever it takes”, Black Widow Civil is continuing to grow, aiming to become one of South East Queensland’s top earthmoving companies. This goal exists alongside the company’s commitment to maintaining a positive and healthy business culture, and a strong focus on safety. Using a new Posi Track with a grader attachment proved to be a winner for Black Widow Civil on the Gateway Upgrade South Stage 2 construction.

“We’ve been involved in the whole Gateway Upgrade project from start to finish, from when it was a joint venture between Leighton

Contractors and Abigroup,” Black Widow Civil’s Lee Andrews said. “This includes working on the first bridge.”

As well as works on the Gateway Upgrade South Stage 2, Black Widow Civil is doing earthworks and other works for the Gold Coast Rapid Transit project — a light rail construction due to be completed in the middle of the year.

The Gateway Upgrade South Stage 2 and Gold Coast Light Rail are just two examples of the calibre of works undertaken by Black Widow Civil. The company’s track record working with significant construction companies is impressive. Among past projects on Black Widow Civil’s list are major road constructions. These huge projects include Brisbane’s Airport Link (Thiess), Port Connect (BMD Seymour Whyte Joint Venture) and the Pacific Highway Sapphire to Woolgoolga Upgrade (Leighton Fulton Hogan Joint Venture).

Its rail projects include the S2K rail upgrade (Abigroup) and the Jilalan Rail Yard project (Coal Stream Alliance). A large fleet of equipment and various attachments, combined with a focus on Workplace Health and Safety means Black Widow Civil is more than able to take on such large projects.

The business is proud of its reputation as one of the growing companies in the industry and constantly reviews its internal operations to ensure its employees deliver. Its dedication to ensuring it delivers the best results on projects sees Black Widow Civil continue to work with repeat and valued clients. A solid commitment to its customers and an ability to work in with them means Black Widow Civil can provide works that are on-time and to a project’s program. Delivering works to a client’s specific systems and requirements, and ensuring works are delivered safely, resourcefully and of the highest quality are also top priorities.

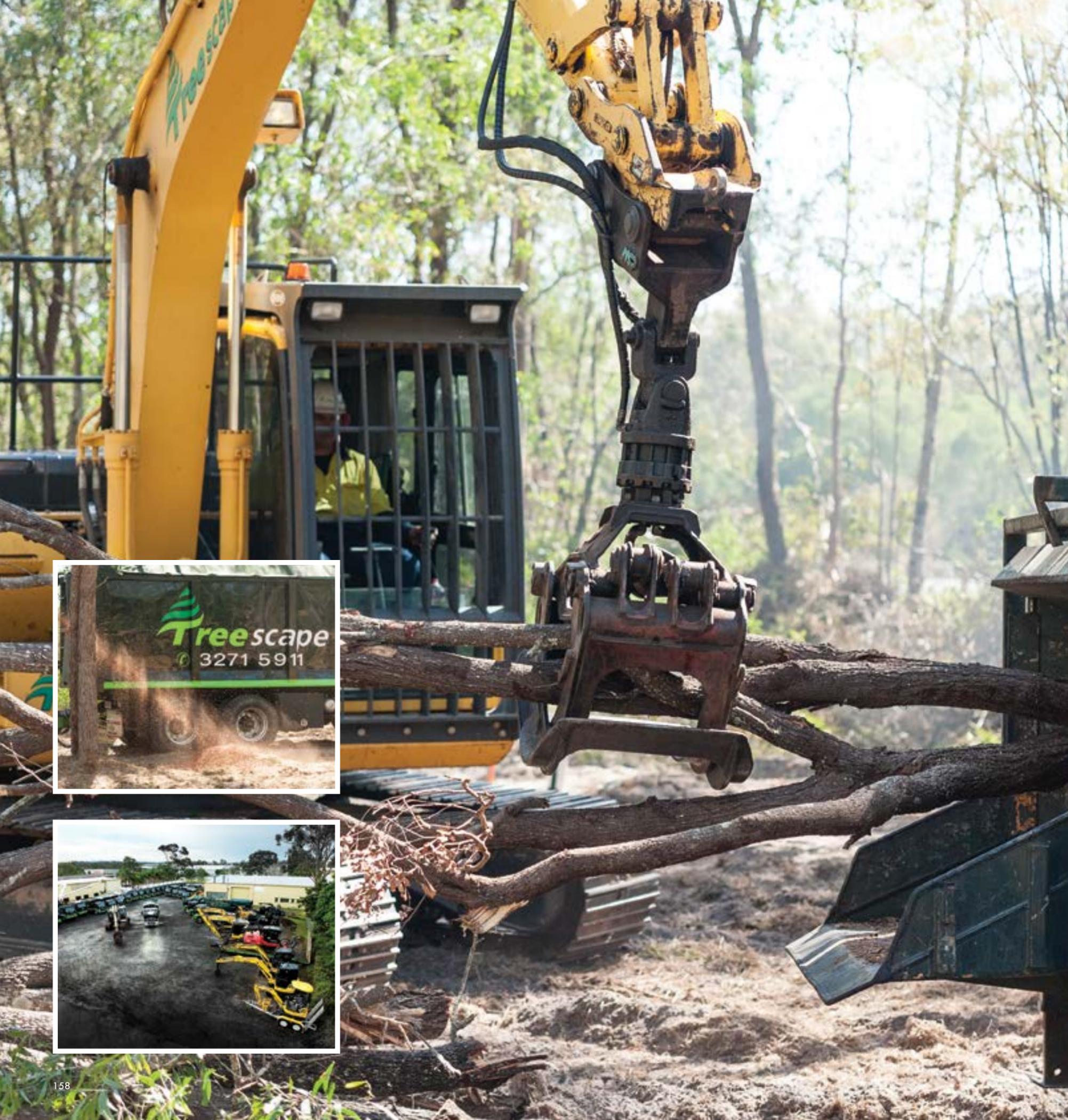
The company also has an extensive network of contractors and plant suppliers, meaning they can quickly source and provide other items

of plant. These plant items come complete with experienced and qualified operators. Black Widow Civil also offers float moves of up to 22-tonne capacity.

As safety and reliability is of high importance to Black Widow Civil, all its machines and attachments are regularly maintained to make sure they are in top working condition. The business is also committed to staff training, as well as accessible, visible management.

With an exceptional dedication to clients and a successful track record in delivering works with the best results — whatever it takes, it’s no wonder Black Widow Civil is becoming one of Queensland’s most trusted names in earthmoving.

*For more information please contact Black Widow Civil, 393, Rotary Park Road, Alberton QLD 4207, phone 07 5580 6866, fax 07 5580 6877, email info@blackwidowcivil.com, website www.blackwidowcivil.com*



## TREESCAPE – THE VEGETATION MANAGEMENT EXPERTS

Specialising in the cost-effective maintenance of trees and vegetation, Treescape Australasia Pty Ltd offers its clients a range of services, including heavy clearing, plant healthcare, transplanting, asset management and powerline clearing.

Owned and operated as part of New Zealand's highly successful Treescape group, Treescape was established more than 30 years ago by directors Edward Chignell and Brandon Whiddett. The company has since grown from a couple of chainsaws to employing more than 350 trained staff across Australia and New Zealand.

In 2006, the company successfully won a major contract with the power company Energex, which saw it expand into Queensland and now operates throughout the south east of the state. Today Treescape's clients include councils, utilities, government agencies, construction companies, developers, corporations and private individuals.

Major projects such as the Gateway Upgrade Stage 2 project form a large part of the company's work. Around 10 Treescape staff worked on the Gateway Upgrade project, completing vegetation clearing, tree removal and stump grinding and mulching of the material.

"We have specialist equipment that we use on commercial and industrial work," says Treescape's Business Manager Peter Tate.

"For the Gateway Upgrade Stage 2 project, we used an LTC 210 stump grinder/vertical tree shear, which has a safer, low RPM and high torque hydraulic motor which is suitable for grinding in areas with high rock content."

Treescape prefers to use grinders to remove a stump rather than digging it out, which can often be costly, time consuming and difficult.

The company has a number of grinders available, enabling them to grind out any size stump and its root system, from the multi LTC 210 for large sites, right through to manually-operated grinders and hand held units for access to smaller sites, such as the yards of homes. Treescape's other specialist equipment includes vertical tree grabs for excavator-

controlled felling of trees, 4WD spray units (to access challenging rural areas) and a fleet of elevated work platforms (ranging from 18m reach units to short tail swing and compact units for working near traffic sites and small yards). The company also has a selection of wood chippers from 150mm, 24 hp to 600mm 275 hp and excavators with log grabs to feed chippers if required.

Treescape Australasia Pty Ltd also has ISO 14001 (Environment), ISO 9001 (Quality) and AS/NZS 4801 Health and Safety accreditations.

In addition to the Gateway Upgrade Stage 2 construction, Treescape is carrying out vegetation removal and bank stabilisation for a significant road upgrade with Queensland Main Roads in Toowoomba, and has just completed another road widening project with the organisation. Treescape is also carrying out works for GoldlinQ, Queensland's first light rail system.

The company continues to work with Energex, providing ongoing vegetation and tree removal for the installation of new infrastructure and ongoing vegetation maintenance of its powerlines.

Treescape also provides arboriculture consultancy, and has a team of experts with a diverse range of vegetation and environmental backgrounds, providing advice on plant healthcare.

The company's specialist knowledge in this area has seen Treescape staff travel to Singapore to undertake consultancy for the maintenance and healthcare of historic trees, including a heritage-listed 140-year-old Johor Fig, owned by the Sentosa Leisure Group, a Singaporean Government agency.

Treescape is also continuing work with Brisbane City Council on bringing 1100 trees (ranging from 1.5m to 6m in height) back to health after they were damaged during this year's Australia Day storm.

*For more information please contact Treescape Australasia Pty Ltd, 11 Quindus Street, Wacol QLD 4076, phone 07 3457 4300, fax 07 3271 3410, email [admin@treescape.net.au](mailto:admin@treescape.net.au), website [www.treescape.net.au](http://www.treescape.net.au)*

# LEADING TUNNELLING AND CIVIL CONTRACTOR DIGS IN



With a long (and impressive) list of complex infrastructure projects throughout Australia, Rob Carr Pty Ltd continues to demonstrate why they are the leaders in water, wastewater and utilities infrastructure construction. Founded almost 25 years ago by CEO Rob Carr, the company has grown into the inventive and successful business it is today, employing over 120 staff.

Brisbane's Airport Link and major utility infrastructure projects in Toowong and Auchenflower, Gold Coast's Beenleigh Merrimac Pimpama Alliance and Pimpama to Coomera Waterfuture Masterplan Initiative, Sunshine Coasts Northern Networks Alliance, Mt Isa's Sewerage Augmentation project, Sydney's Liverpool to Ashfield pipeline and Sewerfix Wet Weather Alliance, Halls Head and Port Hedland Infill Sewerage projects in Western Australia are just some of the major constructions Rob Carr Pty Ltd has worked on.

Rob Carr Pty Ltd offers its clientele a complete service, with the Company able to undertake and provide in house, all forms of construction for water, wastewater and energy infrastructure projects. The company's list of clients is equally impressive, including local, state and territory governments, water utility companies, major construction contractors and program alliances.

The company's equipment fleet includes over 50 hydraulic excavators, 160 sets of shoring systems, 34 microtunnelling machines as well as additional civil construction and transport equipment. In particular, its tunnel boring machines can install pipes ranging from 150mm to 2100mm in diameter through many types of ground conditions.

For the Gateway Upgrade South Stage 2 project, the company tunnelled a 120-metre, 1200mm reinforced concrete pipe for drainage. The company self performed all civil and tunnelling components of work for its project including tunnelling under the motorway, detailed excavation works and construction of concrete structures including a Humeceptor structure.

Up to 10 people worked on the project, which ran smoothly. Rob Carr Pty Ltd's superior focus on safety also meant the company was able to implement new safety regulations that came in during the job.

Among Rob Carr Pty Ltd's current projects are the Alphington Sewer Replacement Project involving the tunnelling of curved 590m and 280m drives 1500mm in diameter in VIC, the Barneson Street Trunk Sewer project in Darwin NT involving 1.4km of sewer, Dawesville Infill Sewerage Project involving 14.5km of sewer in WA and 1800mm diameter stormwater project in Brisbane QLD.

For more information contact Rob Carr Pty Ltd, 74-76, Union Circuit Yatala QLD 4207, phone 1300 883 602, fax 1300 883 605, website [www.rob carr.com.au](http://www.rob carr.com.au)



## UNI-SPAN: SOLUTION. SERVICE. SIMPLE.



Uni-span Formwork Solutions Pty Ltd considered many factors when it was engaged to work on the Gateway Upgrade South's second underpass. Foremost was ensuring Uni-span's safety and incident-free record on the project was continued.

To ensure they minimised all risks when supplying the craneable and moveable 6m high aluminium falsework for the underpass, Uni-span decided to construct it into two separate work areas, eliminating the need to work above the underpass deck. One was a 1m high falsework table, enabling the client to fabricate the table tops at an ergonomic working height. These tops, measuring 22m<sup>2</sup>, were then lifted directly into position on top of the aluminium prop towers.

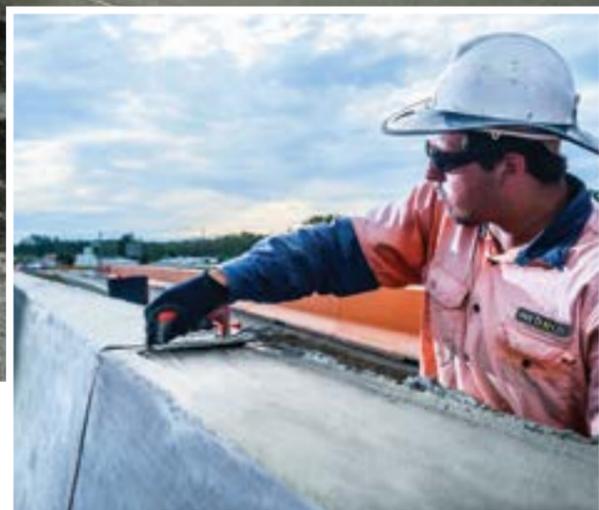
Uni-span also designed and supplied Aluprop high-capacity props as towers, which were then craned into position. All 39 x 4m legged towers were then assembled by five staff within half a day. This process not only meant the second pour of the wall shutters could continue (due to a no work area directly underneath), this innovative design and method from Uni-span meant labour forecasts were reduced.

In addition, the resulting finish on both walls and the struck falsework exceeded specifications. The creation of this process is an example of Uni-span's competency in complexity and engineered solutions. These exceptional outcomes also means Uni-span is recognised as the supplier of choice.

Specialising in the engineering, hire and sale of scaffolding and formwork equipment and being exclusive distributors of Ulma Formwork systems, Uni-span has been providing quality, cost-effective, efficient scaffolding and formwork solutions for over a decade.

Further enhancing their service, clients are supported by an expert and innovative team of in-house engineers and designers. The company uses three words to describe its commitment and customer experience: Solution. Service. Simple.

For more information contact Uni-span Group Pty Ltd, 28 Computer Road, Yatala QLD 4207, phone 1300 882 825, fax 07 3807 0546, email [info@uni-span.com.au](mailto:info@uni-span.com.au), website [www.uni-span.com.au](http://www.uni-span.com.au)



## KERB APPEAL

Kerb & Co have been providing concrete slipform barrier constructions, kerbs and gutter, barrier walls, walkways and bikeways, and cattle feed bunks for 14 years.

Priding themselves on their high productivity and standards, the company has constructed tens of thousands of metres of concrete barriers and kerbing for large-scale construction projects.

Available for concreting operations 24/7, Kerb & Co's slipform machines allow an uninterrupted concrete pour with a flawless finish. The company can also manufacture specialised moulds to suit a project's requirements.

Among its projects is the Gateway Upgrade Stage 2, where 10 employees worked on the construction. Kerb & Co provided extruded slipform barriers and kerb works, using a new Wirtgen SP25 paving machine. "One of the challenges on the project was ensuring concrete compaction around the four conduit arrangement,"

Kerb & Co Director Joe Seovic said. "However, we were able to maintain 100 per cent compaction around all four conduits." Kerb &

Co's extensive experience and high standards means it continues to be contracted for significant projects.

The company is currently providing concrete barriers for the Cairns Bruce Highway Upgrade Stage 2 and the Pacific Motorway Worongary to Mudgeeraba third lane extension. It's also constructing concrete barriers and kerb for the TrackStar Alliance Richlands to Springfield rail extension and the Cardwell Range Alliance road realignment.

Kerb & Co's past projects is also an impressive list. They have supplied concrete barriers for the Springwood to Daisy Hill Pacific Motorway Project and the Bruce Highway Cooroy to Curra Bypass, as well as concrete barriers and kerb for the Windsor to Kedron Airport Link. They have also worked on kerb and channel for the North South Bypass Tunnel Project and kerb works for the Robina to Varsity Lakes Project.

*For more information contact Kerb & Co Pty Ltd, 55 Glade Drive, Gaven QLD 4211, phone 07 5665 9492, fax 07 5665 9492, email admin@kerbco.com.au, website www.kerbco.com.au*



## TAILOR MADE BULK EXCAVATION AND HAULAGE SOLUTIONS

Specialising in bulk excavation, haulage and plant and equipment hire, Premium Plant and Haulage have been providing tailor made solutions since 2008. The company is experienced in all aspects of earthmoving - including operating a quarry, managing a tip site, bulk earthworks and operating a growing fleet of large plant machinery.

It is also an established waste operator, holding an ERA 57 (regulated waste transport) for 35 of its trucks. Premium Plant and Haulage's extensive list of major projects is testament to its experience and service. This includes the Gateway Upgrade South Stage 2 construction, where it hauled spoil and provided a disposal site. The company also hauled and disposed of 200,000m<sup>3</sup> of unsuitable material for the Gateway Upgrade South and South East Busway Extension in Rochedale for Abigroup.

Premium Plant and Haulage also hauled and disposed in excess of 350,000m<sup>3</sup> of unsuitable tunnel material to landfill, for the Legacy Way Tunnel Project in Toowong for Transcity JV. It sorted, loaded and carted over 90,000 tonnes of armour rock for the Hay Point Expansion Project (Bechtel), and excavated and hauled 350,000

tonnes of material for Caterpillar at Yatala (CIP). Premium Plant and Haulage also hauled and disposed of material for the Queensland Children's Hospital project (Delta Group), and supplied various truck combinations for Coal Connect for the Goonyella to Abbot Point Expansion Project (Leighton Contractors).

It also supplied plant and truck combinations for wet hire for Liquefied Natural Gas projects for APLNG/QLNG in the Western Downs region for Leighton Contractors, Carruthers and Probuild.

"Our Compliance Division also ensures that all relative legislation is adhered to and complied with," Premium Plant and Haulage Director Andrew Ward said. "This includes OHS, environmental, Industrial Relations and transport."

*For more information contact Premium Plant and Haulage Pty Ltd, Suite 5, 6 Cairns Street, Loganholme QLD 4129, phone 1300 889 704, fax 1300 889 716, email admin@premiumhaulage.com.au, website www.premiumhaulage.com.au*



## QUICK TO THE CORE

With locations in Queensland and New South Wales, and over 22 years experience in the industry, Quick Core and Cut are the experts when it comes to concrete cutting and drilling.

Whether its core drilling, road sawing, wall sawing, expansion cutting or ring sawing, Quick Core and Cut has the know-how to make sure a job is done right and to the highest standards.

The company also does major bridge demolitions over motorways, waterways and railway lines as well as road grinding and grooving, and runway grooving.

Quick Core and Cut's extensive experience has seen it work on a number of large road projects, including the Ipswich Motorway upgrade and the Gateway Upgrade Stage 2, completing road sawing, core drilling, ring sawing and expansion cutting. It's also about to start a major road construction project for the Queensland Government.

For more information contact **Quick Core and Cut Concrete Cutting Services QLD**, 61 Peachy Road, Ormeau QLD 4208, phone 04 1886 5580, fax 07 5549 0606, email quickcoreandcut@bigpond.com

## ALWAYS ON YOUR SIDE

With a management team that has more than 40 years' combined experience in all aspects of scaffolding, rigging and rope access, Side by Side Scaffolding & Rigging Services Pty Ltd is the key to your security.

Founded in Canberra by company directors and brothers Tony, Jason and Michael Werahiko in 2002, Side by Side Scaffolding & Rigging Services was originally established to service the mining, construction and housing sectors of the scaffolding industry.

The success of Side by Side Scaffolding & Rigging Services saw the company establish itself in the ACT, Western Australia, South Australia and New South Wales.

In 2007 Side by Side Scaffolding & Rigging Services moved to Brisbane, where it began its Queensland operation. Having expanded from a labour-only sub-contractor, Side by Side Scaffolding & Rigging Services now offers its clients an extensive list of services.

The company supplies its own comprehensive range of scaffold as well as labour hire in all areas of construction. Side by Side Scaffolding & Rigging Services brings to any construction project a wealth of experience and knowledge from a variety of industry work sites. This includes off-shore oil rigs, mine sites, high-rise buildings, housing estates and commercial properties from across Australia and in New Zealand.

Side by Side Scaffolding & Rigging Services is also committed to providing the best cost-effective solutions to their clients — without compromising on their business philosophy “work smart, stay safe, have pride”.

The safety of its employees, client's staff or members of the community in contact with a work site is paramount to the company.

For more information contact **Side by Side Scaffolding & Rigging Services Pty Ltd**, 80 Basalt Street, Geebung, QLD 4034, phone 07 3265 5570, fax 07 3265 6313, email admin@sidebysidescaffolding.com.au, website www.sidebysidescaffolding.com.au



## COMMERCIAL FENCING SOLUTIONS



Established in 2003, Origin Fencing has sales and management staff utilising 60 years of collective experience in commercial fencing estimation, installation and project management. Origin Fencing also contract the services of over 20 experienced and WHS compliant fencing installers. Among the company's significant list of major projects is the recently completed Port Connect Project and the Ipswich Motorway Upgrade. Our ongoing clients and scope of works include Main Roads and Rail Corridor projects, energy, gas and mining facilities, airports, noise attenuation, high level security facilities, local authorities, rural sector, sub divisions and residential. Origin Fencing is also the preferred supplier of Brisbane City Council, working diligently to maintain the rigorous compliance

and WHS requirements. Origin Fencing also have an established and expanding fleet of plant and equipment, including excavators, diggers, a vacuum extraction unit and mine specified transport. The Origin Fencing team also engages the latest technology in communication, navigation, documentation and administration procedures. Origin Fencing has established themselves as leaders in their field, providing excellent client service and cost effective and time efficient solutions on major commercial & infrastructure projects throughout South East Queensland and Northern NSW.

To find out more about Origin Fencing solutions contact:  
Office: 07 3890 8633 Online enquiries: www.originfencing.com.au

