

EXPERTISE

OUR EXPERTISE ROADS AND HIGHWAYS

CAPABILITY STATEMENT

A woman with brown hair tied back, wearing a white hard hat with the BMD logo, safety glasses, and a high-visibility orange and green long-sleeved shirt with reflective stripes and the BMD logo. She is smiling and holding a black folder. In the background, there is a yellow and black Deere excavator on a construction site under a clear sky.

OUR COMMITMENT TO ZERO HARM

**AT BMD, THE SAFETY OF OUR PEOPLE, THE
COMMUNITIES AND ENVIRONMENTS IN WHICH
WE WORK HAVE BEEN A PRIORITY SINCE OUR
INCEPTION IN 1979.**

Through our Zero Harm goal, BMD aims to ensure each and every person who comes into contact with our business remains safe and in good health whilst in our care. Jointly we are committed to minimising environmental harm through the implementation of best practice environmental management. Our Zero Harm goal encourages us to constantly strive to improve our workplace health and safety standards. It allows us to remain vigilant and accept our individual responsibility for our actions, and the implementation and continual improvement of our safety and environmental systems and methodologies.



The BMD Group has more than 1700 employees working throughout Australia and is supported by third party certified management systems, substantial balance sheet strength and the resources and flexibility of a large Australian owned private company.

SPECIALIST EXPERTISE IN ROAD AND HIGHWAY CONSTRUCTION

NATIONAL COMPANY 1979 — ESTABLISHMENT —

LOCAL INVESTMENT IN PEOPLE, BUSINESSES AND THE COMMUNITY

STRONG HEALTH, SAFETY, ENVIRONMENT, QUALITY AND COMMERCIAL SYSTEMS

BMD DELIVERS ON

PROJECT DELIVERY

EXPERIENCE IN METROPOLITAN AND REGIONAL ROADWORKS, COMPLEX HIGHWAYS, MOTORWAY INTERCHANGES AND DUPLICATIONS

- | A PATH TO ZERO HARM
- | SPECIALIST INTEGRATED PROJECT TEAMS
- | QUICK AND EFFECTIVE DECISION MAKING





1

OUR BUSINESS



2

COLLABORATIVE
CONTRACTING

4

ENVIRONMENTAL
COMMITMENT



3

DELIVERING ON OUR
ZERO HARM GOAL

6 REMOTE AND REGIONAL EXPERIENCE



SELF-PERFORMING WORKS

7

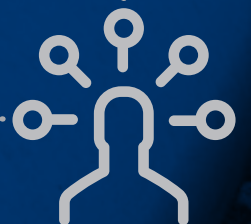


5 STAKEHOLDER AND COMMUNITY MANAGEMENT



INNOVATIVE CONSTRUCTION METHODS

8



9 THE BMD EXPERIENCE





OUR BUSINESS

BMD CONSTRUCTIONS IS A WHOLLY OWNED SUBSIDIARY OF THE BMD GROUP, SUPPORTED BY THIRD PARTY CERTIFIED MANAGEMENT SYSTEMS, SUBSTANTIAL BALANCE SHEET STRENGTH AND THE RESOURCES AND FLEXIBILITY OF A LARGE AUSTRALIAN OWNED PRIVATE COMPANY.

Since 1979, BMD has employed a relationship based business model founded on certainty, collaboration and performance. With more than 1700 staff throughout Australia, BMD has the resources and experience to deliver projects ranging in size from \$1 million to over \$1 billion.

BMD provides comprehensive and innovative solutions to clients all over Australia. Through highly experienced personnel, strong management systems and an uncompromised commitment to excellence, BMD ensure the timely and safe delivery of high quality projects across the country.

We engage in projects as a principal contractor, managing contractor and in joint venture with other major contractor and design partners. We see our strengths in the quality of our people and the genuine relationships we built with clients, partners and communities.

Working collaboratively with clients, stakeholders and community is not just an 'add on' for BMD project teams, it is an integral philosophy that is at the cornerstone of our family owned business.


BMD's project delivery excellence has been consistently recognised by national and international industry organisations with the reward of a number of prestigious awards.

We are proud of our long standing relationships and affiliations with numerous state, national and industry groups including Engineers Australia, Queensland Major Contractors Association and Civil Contractors Federation.

Our success is dependent on the performance of our people and our people are what set us apart. BMD work hard to provide a progressive environment supported by a unique family orientated culture to deliver certainty for our clients and partners into the future.



OUR EXPERTISE
ROADS AND HIGHWAYS



AS PART OF THE BMD GROUP, BMD CONSTRUCTIONS IS PROUD OF OUR ABILITY TO BUILD LONG-TERM CLIENT RELATIONSHIPS AND SECURE REPEAT BUSINESS, WHICH HAVE BEEN THE FOUNDATION OF BMD'S SUCCESS SINCE INCEPTION.

BMD CONSTRUCTIONS IS COMMITTED TO DELIVERING THE HIGHEST STANDARDS OF QUALITY, SERVICE AND VALUE FOR MONEY FOR OUR CLIENTS. OUR STRATEGY IS SIMPLE: VALUE OUR PEOPLE, COLLABORATE WITH OUR PARTNERS AND CONTINUE TO DELIVER EXCEPTIONAL PROJECTS WITH SUSTAINABLE OUTCOMES THROUGH EXPERTISE AND KNOWLEDGE SHARING.

THE BMD WAY

OUR EXPERTISE
ROADS AND HIGHWAYS



LOCAL INDUSTRY PARTICIPATION

In line with the BMD Group's approach to business, BMD Constructions' operations are firmly underpinned by a philosophy to 'support the local communities in which we operate' – a philosophy that was well established long before local industry participation initiatives were formally introduced.

BMD's mission is to professionally manage our suppliers and subcontractors to achieve the best possible outcomes for our clients, including aiding in the development of the local industry.

Since establishment in 1979, BMD has employed a policy of engaging locally based suppliers and owner operators. This policy serves to maximise the opportunity for local input with flow on effects in the training and development of locally based staff engaged on our projects. We are proud of the long-term, key supplier relationships that have developed as a result of this philosophy.



BUSINESS MANAGEMENT SYSTEMS

BMD's management systems have the structure, depth and flexibility to guide the successful delivery of even the most complex of projects. The BMD Management System is designed to create an integrated approach to cost, time, quality, safety and environmental management. Based on the company's philosophy and corporate policies, the system provides the necessary plans, procedures, training and reporting systems to assist our teams in the delivery of projects based on industry best practice.



COMMUNITY AND INDIGENOUS ENGAGEMENT

Building on the Group's founding philosophy, BMD Constructions approach each project individually, actively identifying opportunities for local community engagement and participation that will provide beneficial outcomes for the project team, client and local community alike.

We work in partnership with Indigenous and non-Indigenous organisations who embody our values to achieve long lasting benefits in areas including health and wellbeing, arts and culture, job creation, environment, and social and community development.

Our continued focus is on equal opportunities and increasing our commitment to Indigenous engagement across the Group to create a diverse workforce. We have extensive experience working in regional and remote areas and within Aboriginal and Torres Strait Islander communities. Our policies, plans, initiatives and training programs support our commitment to provide equal opportunities. Over the past 10 years, we have worked diligently to engage and train Indigenous employees with the establishment of Indigenous participation plans on numerous projects.



COLLABORATIVE CONTRACTING

Through our significant experience in a wide range of contractor roles, BMD Constructions is committed to delivering the highest standards of quality, service and value for money for our clients.

Expertise is applied across our infrastructure projects as a sole principal contractor, managing contractor or as a joint venture or alliance with other major contractor and design partners. BMD has successfully delivered various projects using a variety of contractual arrangements. We bring a collaborative approach to all our projects and work closely with our clients to understand their needs.

BMD provides comprehensive and innovative solutions to clients all over Australia through highly experienced personnel, strong management systems and an uncompromised commitment to excellence, ensuring the timely and safe delivery of high quality projects.

We provide clients with value for money by maintaining transparency in pricing and delivery through:

→ **risk and opportunity management**

→ **collaborative approach**

→ **time and cost control.**



TIGER BRENNAN DRIVE DUPLICATION

DARWIN, NT | \$88 MILLION

NORTHERN TERRITORY GOVERNMENT – DEPARTMENT OF INFRASTRUCTURE

BMD successfully collaborated with the client to deliver the \$88 million Tiger Brennan Drive Duplication. BMD delivered the project via a managing contractor delivery method, which is a first in a public civil project for the Territory, and resulted in a number of smaller contracts tendered, providing opportunity for local businesses to become involved. Not only was this a first for the Territory, but it was BMD's first appointment to a managing contractor role which resulted in key learnings for the BMD team. As managing contractor, BMD was responsible for the appointment of local suppliers and contractors to construct the project's three separable portions. This ensured that the region's economy was supported by the opportunities provided through this significant project.

The project involved duplicating 9 kilometres of Tiger Brennan Drive from Woolner Road to Berrimah Road and upgrading the existing two lane single carriageway. Large drainage works and structures to accommodate seasonal wet weather and extensive cut to fill operations were undertaken to construct the new formation. The project's vision was 'Driving growth in the Territory' and a significant focus was placed on enhancing local capacity, value for money, Indigenous engagement, keeping traffic disruption to a minimum and ensuring the community remained engaged and supported throughout the course of the project.

KEY OUTCOMES

- **BMD is proud to have met client expectations and delivered on all project objectives, including improving safety and pedestrian movements at intersections, improving connectivity with eased congestion and improvement in traffic flow whilst catering for long-term growth in the area.**
- **92% of the project suppliers and contractors were sourced locally.**
- **23.5% Indigenous engagement at peak.**
- **Total of 15 trainees undertaking studies on-the-job with 10 of these being Aboriginal and Torres Strait Islander trainees.**
- **Awarded additional scope for the Ludmilla flood mitigation contract.**
- **The project won the Civil Contractors Federation Northern Territory 2016 Earth Awards Category 6 – project value more than \$75 million.**



DELIVERING ON OUR ZERO HARM GOAL

The safety of our people, environment and the community are our highest priority and BMD is committed to improving our safety culture and striving to achieve our goal of Zero Harm.

BMD currently hold a number of industry recognised multi-site certifications for quality, health, safety and environmental management systems, as part of its integrated Business Management System (BMS). BMD's management system allows for flexibility on a project by project basis, while ensuring the client's requirements are addressed and the project is delivered in full compliance with the relevant specifications and regulations.

BMD is proud of our achievements in safety and environment and we are determined to further our commitment to a level that makes the BMD Group synonymous with excellent safety performance, regardless of the challenges in any project we undertake. Our environmental management performance has also been recognised through multiple industry awards for environmental and construction excellence.



QUALITY



SAFETY



ENVIRONMENT



CAIRNSCONNECT – CAIRNS BRUCE HIGHWAY UPGRADE

CAIRNS, QLD | \$111 MILLION

DEPARTMENT OF TRANSPORT AND MAIN ROADS

The BMD ALBEM Joint Venture (CairnsConnect) was awarded a competitive early contractor involvement (ECI) contract to design and construct a 3.4 kilometre solution for the southern approach into Cairns. The project involved the construction of six bridges, two grade separated interchanges, two parallel service roads and upgrading 3.4 kilometres of the Bruce Highway to current standards.

To ensure the team fostered a positive culture, CairnsConnect set targets at three levels of the project team – project leadership team, project management team and the wider project team. Safety culture initiatives implemented included regular safety workshops and the development of safe work procedures for all major high risk and technical activities.

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“The step by step safe work procedures you have developed for the bridge works in and above our exclusion zones are the best we have ever seen.”

**Martin Dyrbus, Queensland Rail Project Manager,
Cairns Bruce Highway Upgrade**

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The site practiced a “safety first, with no exceptions” culture and monitored the overall health and wellbeing of the entire site through regular surveys and relationship management meetings that scored above four out of five for the majority of the project.

Working in the wet tropics of Far North Queensland adjacent to the Great Barrier Reef Marine Park presented a number of environmental challenges not seen in the other regions of Australia. To ensure the project met its environmental requirements, CairnsConnect engaged an experienced environmental manager.

KEY OUTCOMES

- CairnsConnect offered a better whole of life solution through collaborative contracting, a fully integrated team and collective ownership of risk. This delivered \$9 million of additional scope within the project budget.
- An uncompromising safety culture produced an outcome 8.7 times better than industry average in a region unaccustomed to large scale infrastructure, with over 500,000 hours delivered lost time injury free.
- Developed innovative construction methodologies and strategies that managed both weather and geotechnical risk to the project enabling savings to be reinvested into additional infrastructure.
- Completed the overall project three months ahead of schedule in a tropical monsoon region, adjacent to the Great Barrier Reef Marine Park.
- Achieved an overall score of “outstanding” in all key result areas (safety, training, environment, stakeholder management, regional development, whole of life, program and commercial).
- The project team utilised multiple innovative methodologies, and received a Civil Contractors Federation Queensland Earth Award in 2014, recognising the team’s commitment to going above industry standards.



ENVIRONMENTAL COMMITMENT

Environmental management is a critical aspect to road and highway works. BMD has a strong reputation for proactively managing risks and working collaboratively with clients and environmental agencies to ensure we meet the associated industry best practice and legislative requirements.

BMD is highly experienced in the implementation of erosion and sediment controls and has developed innovative techniques for this and airborne particulates, through temporarily stabilising areas using products such as polymer sprays. Effective waste management, recycling and minimisation of impacts to the local ecology and waterways are embedded as part of BMD's suite of environmental mitigation practices. Open and transparent communication with environment regulators in the various states and territories in which we operate remains a focus for BMD.



BUANGOR BYPASS

BUANGOR, VIC | \$45 MILLION

VICROADS

BMD was engaged by VicRoads as the head contractor to deliver the \$45 million Buangor Bypass upgrade in Buangor, Victoria. As one of Victoria's busiest rural roads, the area is a significant freight route and services trade while supporting the farming industry, regional tourism and local communities.

The project involved the construction of duplicate carriageways to bypass the township of Buangor, as well as the construction of three new bridges over Billy Billy Creek and a new interchange and highway overpass at Peacocks Road. The existing carriageway also required realignment and two new roundabouts were constructed at key access points to the township.

The environmental excellence achieved during the project can be attributed in part to the excellent collaboration between BMD and VicRoads. Both contractor and client were committed to achieving environmental best practice and positive environmental outcomes for the project's footprint through regular engagement with the community and local environmental groups. The project parties' willingness to initiate and execute solutions to improve environmental amenity without compromising the project's integrity, budget or timeframe demonstrates true environmental engineering excellence.

KEY OUTCOMES

- The project's commitment to safety was uncompromising during construction with the project remaining lost time injury free for the 150,000 hours that were worked.
- The main alignment was opened three months ahead of schedule.
- The project team undertook numerous community legacy activities including sponsorship of local business awards, providing a BMX track for the local community, repurposing water bores used for site construction for use by the local cricket club, and collaborating with the local school to select coloured paint for the project's bridge.
- Through continued collaboration, all commercial claims were able to be resolved prior to practical completion.
- No Go Zones were established to protect a culturally significant scarred tree which was located onsite. The No Go Zone was retained in place for the duration of construction and specific cultural awareness training was undertaken by all construction personnel including subcontractors.



STAKEHOLDER AND COMMUNITY MANAGEMENT

BMD has been committed to providing lasting legacies to the communities in which we operate since our inception in 1979.

Many of our operations occur within highly urbanised areas and involve significant interaction with the local communities. Effective management of construction challenges, coupled with open communication and collaboration with local stakeholders minimises impacts and builds awareness and understanding amongst the local community.

Stakeholder and community relations is identified as the role and responsibility of everyone that is involved in the delivery of BMD projects, not just the community relations team. BMD works with clients to ensure projects have sufficient stakeholder management plans and the resources needed to lead positive engagement outcomes.

Our corporate systems have been developed to deliver the highest of standards ensuring we are effectively able to stage works, delineate worksites, manage and communicate with nearby stakeholders and safely ensure access from secure areas without incident and impact on business operations.



ROBINSON ROAD OPEN LEVEL CROSSING REPLACEMENT

BRISBANE, QLD | \$98 MILLION

BRISBANE CITY COUNCIL

BMD successfully collaborated with Brisbane City Council and SMEC Australia to deliver the Robinson Road Open Level Crossing Replacement project as the Geebung Overpass Alliance (GO Alliance). The project involved construction of a new four lane road-over-rail overpass to join Robinson Road East and Robinson Road West, a new pedestrian overbridge with all-abilities access to the Geebung rail station platforms, a new signalised intersection, removal of the level crossing and new pedestrian and cyclists links through the area.

The Alliance's commitment to considering the community when planning construction works and proactively engaging with stakeholders delivered positive outcomes for the project and the Geebung community. Mitigating and managing community concerns fostered high levels of community support for the project, which allowed all milestones to be met.

The Alliance facilitated two-way dialogues by establishing a Community Reference Group and investing in one-on-one engagement with impacted stakeholders, and minimised impacts by tailoring work methodologies and hours.

Despite an intensive construction program delivering new road and pedestrian bridges in a constrained urban area, the Alliance's commitment to best practice community relations resulted in broad community support and confidence in the project's delivery.

The Alliance delivered on all client requirements, and completed the project three months ahead of schedule and significantly under budget. BMD is most proud that these achievements were reached while also delivering on all other project objectives around safety, quality, environment, community and traffic.

Project challenges included a constrained work site incorporating the existing, operational Geebung train station and open level crossing as well as a unique mix of residential, industrial and retail stakeholders nearby.

KEY OUTCOMES

- The project was awarded the Public Relations Institute of Australia (Queensland) Golden Target Award for Community Relations, acknowledging the exceptional level of communication that was delivered to key stakeholders throughout construction.
- Excellent community and business stakeholder satisfaction evidenced by a key performances indicator result of 99.8%.
- In order to meet the delivery deadline, the GO Alliance invested in the project's early planning phase to identify key challenges, generate management strategies, allocate appropriate resources and set clear roles and responsibilities. This ensured that the Alliance team could work effectively and efficiently to deliver industry best practice and achieve construction excellence.
- Practical completion was achieved three months ahead of schedule and significantly under budget.
- A strong safety culture evidenced by 12 months of work delivered lost time injury free.
- The project team utilised multiple innovative methodologies, and received a Civil Contractors Federation Queensland Earth Award in 2014, recognising the team's commitment to going above industry standards.



REMOTE AND REGIONAL EXPERIENCE

We are committed to supporting the communities in which we operate. We work in partnership with Indigenous and non-Indigenous organisations who embody our values to achieve long lasting benefits for regions.

Since the Group's establishment, we have attributed many of our successes to the relationships we have been able to establish with local communities, clients, subcontractors and material suppliers. It is these relationships with local businesses that provide a true understanding of regional and remote operating environments, particularly in locations such as Katherine in the Northern Territory, Roy Hill Station in Western Australia, Bendigo in Victoria and Yuleba in Queensland. Our strong reputation in these communities and other similar ones is built on continued strong performance and collaboration.

With extensive experience working for clients in remote areas, BMD understands the specific challenges that constructing in regional areas can present.



OLYMPIC HIGHWAY REALIGNMENT - KAPOOKA BRIDGE

KAPOOKA, NSW | \$30 MILLION

ROADS AND MARITIME SERVICES

BMD delivered a safer and more efficient road in regional New South Wales with the realigned Olympic Highway officially opened in mid-2016.

The existing Kapooka Bridge, originally built in 1880, was a traffic black spot and its upgrade had been in the planning stage for over 20 years. BMD Constructions successfully delivered the \$30 million project on time, with the scope including a new road bridge over rail, 3 kilometres of greenfield highway construction and a new interchange to the Blamey Barracks, Kapooka.

The realignment was one of the largest road projects in recent history in the Wagga Wagga area, creating jobs and stimulating the local economy. While every effort was made to utilise local subcontractors, at times larger more specialised subcontractors were required. BMD successfully coordinated and managed these subcontractors, to maximise their time available in Wagga Wagga. A key challenge that was successfully managed was timing the hydromulch visits from a subcontractor based in Newcastle, in order to achieve progressive stabilisation and not leave the site exposed to rain events.

Unique Bulb-T girders were utilised during construction, an innovation for constructing bridges at skew angles of greater than 45 degrees. BMD Constructions designed and constructed a temporary walkway that was affixed to the web and lower portion of the Bulb-T girders prior to assembly. This allowed the team to keep the temporary walkway in place while the precast parapet, twin rails and throw screens were being installed.

KEY OUTCOMES

- Contributed to BMD's Zero Harm goal, achieving over 239,000 hours lost time injury free and a total recordable injury frequency rate of six.
- Successfully managed works in-between trains, maximising the hours worked during the day, overcoming the challenges involved in working within a live rail corridor.
- Contributed to the local community by donating funds from the Kapooka Bridge Replacement project's weekly BBQs to nearby Uranquinty Primary School. The funds were used to purchase a shade sail to cover the children's play area with BMD workers giving up their time on a weekend to attend a working bee to install the shade sail.
- With the realigned highway now open, the project has achieved its objective of improving road safety, improving freight efficiency and reducing travel times along this stretch of road which previously had a history of crashes.



SELF-PERFORMING WORKS

As well as utilising local subcontractors and suppliers, BMD is a multi-disciplinary company that can self-perform works, rather than just project manage works usually undertaken by subcontractors. Our ability to self-perform key construction activities enables us to set the standard for construction, control project costs, and establish standards for quality and safety. It also provides us with increased flexibility to respond to project and scope changes.

A key aspect of constructing road and highway infrastructure within time critical and operational environments, is having a depth of understanding about the scope and methodologies required. Having developed the in-house capability to deliver key components allows BMD to deliver detailed scheduling, planning, resourcing and execution of critical activities, as well as early identification and mitigation of associated risks.

While BMD utilise a range of reliable subcontractors and local suppliers who we have long standing relationships with, BMD also recognise the certainty to be gained by controlling the entire process, particularly when tight timelines are crucial.



VASSE BYPASS

VASSE, WA | \$12.8 MILLION

MAIN ROADS WESTERN AUSTRALIA

BMD was contracted to undertake the construction of the \$12.8 million Vasse Bypass section of the Bussell Highway. This was one of BMD's first projects in Western Australia and was undertaken in joint venture (JV) with local Western Australian company, MACA Civil. The project involved the realignment of 4.2 kilometres of the Bussell Highway, located just over 200 kilometres south of Perth.

The project comprised of a number of construction activities including, construction of a new 4 kilometre road, including 400 metres of dual carriageway, reconstruction of the sections of the old highway and Vasse Yallingup Road, construction of five new intersections with street lighting, as well as construction of a "Super-T" bridge, a trapezoidal underpass and stormwater drainage culverts.

By self-performing a number of key tasks, the BMD MACA JV was able to provide the client with efficient scheduling, flexibility for alternative solutions, and the ability to efficiently manage all aspects of the works. This included pre-cast and construction of the bridges, installation of all form works, reinforcing and pouring.

The BMD MACA JV was able to ensure quality work, through efficient methods as the team self-performed all quality assurance, audits and compliance processes.

KEY OUTCOMES

- The BMD MACA JV had the dexterity to complete critical components of the construction scope, including construction of stormwater drainage culverts, embankments, bridge and underpass foundations prior to onset of the wet season. The experienced construction team reviewed and proposed alternative design solutions, allowing the project to be completed ahead of time and on budget, while ensuring the project objectives were met.
- There were over 25,000 man hours worked without any recordable injuries or lost time.
- The bypass has provided an improved route for those vehicles not needing to access Vasse.
- It has improved road safety for all road users, including cyclists and pedestrians within Vasse by removing large volumes of traffic.
- As a result of the completed works, the client asked BMD to price additional work in the area.
- The BMD MACA JV was able to effectively engage with the local community and promoted local participation in the project by directly hiring local plant and workforce, as well as using local suppliers.



INNOVATIVE CONSTRUCTION METHODS

BMD works in close collaboration with clients and partners to identify opportunities to significantly improve designs, plans, construction methodologies and practices to ensure best-for-project outcomes.

With the experience of BMD project teams comes innovative design and construct solutions to exceed client and community expectations. Our emphasis on strong working relationships is filtered through project teams and project management processes and techniques. The outcome of these strong relationships are high performing teams, who are able to deliver innovative solutions to achieve project goals.



LEGACY WAY

BRISBANE, QLD | \$1.5 BILLION

BRISBANE CITY COUNCIL

Legacy Way is a 4.6 kilometre toll road tunnel connecting the Western Freeway at Toowong with the Inner City Bypass at Kelvin Grove.

Transcity, a joint venture between BMD Constructions, Ghella and ACCIONA, was awarded the contract to design and construct the project, and operate and maintain Legacy Way for a period of ten years. The scope included two parallel twin-lane tunnels linked by cross passages every 120 metres.

BMD applied innovative construction methodologies for both surface and underground activities that expedited the program and significantly reduced potential impacts on the surrounding community.

Key construction works included a world record breaking performance for tunnel excavation, by two 12.4 metre diameter double shield tunnel boring machines (TBMs), construction of 38,700 pre-cast concrete segments to line the tunnel walls and construction of over 1650 piles. Other significant items of scope included over 185,000m² of asphalt laid across the whole project and the four hectare expansion of the Brisbane Botanic Gardens at Mt Coot-tha.

KEY OUTCOMES

- With conscientious early planning to minimise impacts on surrounding stakeholders and communities, Transcity was able to ensure the project was constructed utilising industry best practice, exceeding compliance of the relevant legislation and project conditions.
- The project team tunnelled under 454 residential and commercial properties, successfully mitigating potential issues through a comprehensive community engagement program.
- Redesigned an overland conveyor system to carry over 1 million m³ of excavated spoil from the tunnel to the Mt Coot-tha Quarry. The revised underground design minimised impacts on the surrounding community, including removing 96,000 truck movements from local roads and minimised the need for vegetation clearing.
- Construction of the project offline to minimise impacts to the travelling public with only one major traffic switch at either tunnel portal.

The project has won multiple awards, including:

2016 - Awarded the Civil Contractors Federation Queensland Earth Award for Category 6.

2016 - Awarded high commendation at the Engineers Australia, Australian Engineering Excellence Awards.

2013 - Internationally acknowledged as the winner of the Major Tunnelling Project of the Year in the \$500 million and above category.



BRINGELLY ROAD UPGRADE – STAGE 1

LEPPINGTON, NSW | \$116.8 MILLION

[ROADS AND MARITIME SERVICES](#)



PORT CAPACITY PROJECT - ROADS AND SERVICES

MELBOURNE, VIC | \$90 MILLION

[PORT OF MELBOURNE CORPORATION](#)



HIGH STREET ROAD DUPLICATION

WANTIRNA SOUTH, VIC | \$12 MILLION

[VICROADS](#)



COOROY TO CURRA – SECTION C EARLY WORKS

WOONDUM, QLD | \$16 MILLION

[DEPARTMENT OF TRANSPORT AND MAIN ROADS](#)



NARELLAN ROAD UPGRADE – STAGE 1

CAMPBELLTOWN, NSW | \$24 MILLION

[ROADS AND MARITIME SERVICES](#)



CAMDEN VALLEY WAY STAGE 3

LEPPINGTON, NSW | \$70 MILLION

[ROADS AND MARITIME SERVICES](#)

THE BMD EXPERIENCE

OUR EXPERTISE
ROADS AND HIGHWAYS



BLAKEYS CROSSING UPGRADE

TOWNSVILLE, QLD | \$16.65 MILLION
[TOWNSVILLE CITY COUNCIL](#)



PORT OF BRISBANE MOTORWAY UPGRADE

PORT OF BRISBANE, QLD | \$268 MILLION
[DEPARTMENT OF TRANSPORT AND MAIN ROADS](#)



MONARO HIGHWAY DUPLICATION

FYSHWICK, ACT | \$18.8 MILLION
[ACT SHARED SERVICES PROCUREMENT](#)



M80 RING ROAD UPGRADE

SUNSHINE NORTH, VIC | \$32 MILLION
[VICROADS](#)



OXLEY HIGHWAY UPGRADE

PORT MACQUARIE, NSW | \$65 MILLION
[ROADS AND MARITIME SERVICES](#)



IPSWICH MOTORWAY UPGRADE

IPSWICH, QLD | \$824 MILLION
[DEPARTMENT OF TRANSPORT AND MAIN ROADS](#)

THE BMD GROUP

BMD IS A NATIONAL GROUP OF COMPANIES ENGAGED IN ENGINEERING DESIGN, CONSTRUCTION AND LAND DEVELOPMENT FOR CLIENTS AND PARTNERS IN THE URBAN DEVELOPMENT, TRANSPORT INFRASTRUCTURE, RESOURCES AND ENERGY SECTORS.



BMD Constructions offers civil construction services for major infrastructure projects throughout Australia. Expertise, experience and resources are applied across the industry sectors of transport, water, rail, port, resources and energy. The company engages in projects ranging in value from \$1 million to in excess of \$1 billion as a principal contractor and in joint venture with other major contractor and design partners.



BMD Industrial, a division of BMD Constructions, is managed by a group of highly experienced industry executives who assemble professional project teams to deliver structural, mechanical, piping and electrical solutions for a diverse range of clients and industries.



BMD Urban is a specialist civil and building contractor to the urban development industry. The company draws on significant industry experience and utilises management systems, delivery methodologies and a relationship based approach that is specifically tailored to the needs of this industry. Integrated services can be offered in partnership with Empower Engineers & Project Managers, JMac Constructions and Urbex to achieve seamless and cost effective project delivery.



Empower Engineers & Project Managers (Empower) provides superior civil, structural and geotechnical engineering design and project management services. Empower's experience includes residential, commercial and industrial developments, infrastructure, and resource and energy projects across metropolitan, regional and remote areas. Key services include planning and feasibility studies, road infrastructure design, flood studies, land development and services design, water quality and stormwater management, structural engineering and shoring, and foundation design.



JMac Constructions (JMac) specialises in all aspects of landscape construction including residential, commercial, industrial, public infrastructure, environmental rehabilitation and long term care and maintenance. From street scapes, boardwalks, public structures, stone entry statements, playgrounds and parklands, JMac has the ability to successfully construct and create unique landscapes of all shapes and forms.



Urbex is an innovator in residential and commercial development, undertaking wholly owned projects and joint ventures in developments of varying scale and size. Harnessing leading talent in project structuring, planning, management, delivery and marketing, Urbex delivers excellence in the creation of new communities to meet the lifestyle needs of Australians today and into the future.



WE SEE OUR STRENGTHS IN THE QUALITY
OF OUR PEOPLE AND OUR GENUINE
RELATIONSHIPS WITH CLIENTS, PARTNERS
AND COMMUNITIES.

WE SEE OUR SUCCESS LINKED TO OUR
ABILITY TO DELIVER CERTAINTY THROUGH
CONSISTENT PERFORMANCE AND
COLLABORATION.

WE SEE OUR FUTURE SHAPED BY ALL THAT
HAS MADE US SUCCESSFUL IN THE PAST.



BMD
constructions

www.bmd.com.au