

# LEADING THE WAY

**Maxibor Australia is a leader in providing support to infrastructure projects across a range of sectors.**

**Maxibor uses its network of experience to deliver better project outcomes to asset owners and principal contractors alike.**

Maxibor Australia is a leading provider of integrated services in the installation and maintenance of utility infrastructure in the rail, road, water, power, sewer, gas, mining, renewables, and telecommunications sectors. It provides high-quality horizontal directional drilling (HDD), civil construction and project management to its clients, with a focus on ethical and sustainable operations.

## HDD SPECIALISTS

The growing trend of engaging with specialist HDD providers early and directly provides asset owners and principal contractors with a number of benefits. This engagement allows the HDD specialists to use their knowledge and experience to contribute to specific site design, provide better scheduling and reduce surprise variations during the HDD operations, reduce costs, and strengthen relationships by taking a collaborative approach.

In order to deliver these outcomes, HDD specialists – like Maxibor – need to have design skills gained from working across all utilities and a practical knowledge of working in a variety of ground conditions. These experiences often come with a flair for innovative and strategic thinking.

This enables specialists to identify value adding opportunities across the project and bring a strong understanding of the cost base for the delivery of the project.

Value can often be added through better structured contracts in terms scheduling, delays, variations, liquidated damages, retentions, payment terms and milestones. A strong understanding of the HDD cost base – including labour time, required plant, materials, waste treatment and disposal, environmental management and other project costs – will assist with more informed decisions around resource allocation, cost containment and broader outcome opportunities.

Taking this approach and attitude has enabled Maxibor to collaborate with clients



The Maxibor team at the Gumma Road project site.

to achieve the best outcomes. This includes working closely with a major rail asset owner to establish the good practice use of trenchless methods to undertake cable replacement, collaborating with an asset owner to redesign the HDD solution to provide savings of up to 75 per cent on HDD and related costs.

In line with its commitment to developing ethical and ongoing relationships, an Indigenous business and major asset owner are now strategically working with Maxibor to significantly increase Indigenous HDD and other civil worker content into several infrastructure projects.

## COMMITMENT

Building ethical and ongoing collaborative relationships is a key component of the planning process, allowing Maxibor to commit to achieving the high standards it is known for. An important part of the company culture is its dedication to

maintaining integrity by consistently meeting the commitments it makes both internally, to its employees, and externally, to clients, suppliers, subcontractors, and all other stakeholders.

Maxibor strives to deliver sustainable solutions to help meet its safety, environmental and social responsibility objectives. Maxibor upholds its high standards in these areas by complying with AS/NZS ISO 14001 Environmental Management System, ISO 4801 and OHSAS 18001 Occupational Health and Safety Management System and AS/NZS ISO 9001 Quality Management System. Related policies are subject to regular monitoring and a process of continuous improvement.

## SERVICES

Maxibor offers a number of project services to clients, including:

- HDD, including river crossings

- Thrust boring
- Radio location and vacuum extraction of underground services
- Pipe, cable and main installation
- Site surveys that map underground networks for design works
- Civil engineering activities.

Maxibor is able to deliver comprehensive construction management for its clients' projects, offering construction design and project scoping, resource planning, quantities and pricing estimates, scheduling and reporting services, and construction supervision.

## PROJECTS

When Hunter Water needed to install 335 m of 800 mm pipe across the Swansea

Channel in New South Wales (NSW), principal contractor Comdain Infrastructure contracted Maxibor to complete the pipe installation in water charged sand to a depth of 30 m. The new pipeline was commissioned as part of a AU\$3 million project to improve water security for residents in Swansea.

A failure in the pipeline's underwater section would result in homes, schools and businesses in the area being without water for up to a week due to the difficulty of having to make the repairs under water.

"The existing pipeline was laid using the best technology of its time," says Hunter Water Executive Manager for Investment and Innovation Darren Cleary.

"Today, however, we're able to utilise the

innovative HDD technique, allowing us to lay the new pipeline deep beneath Swansea Channel away from tidal movements and salt water."

At Gumma Road in Scotts Head, NSW, twin 500 m continuous bores through hard rock and cobble presented a problem. Maxibor completed the work using a Vermeer 36/50 rig, which the company says is an "exceptional" length for the size of the rig.

At Causeway Lake in Queensland, Maxibor was able to complete twin 360 m bores to a depth of 15 m beneath a causeway. The drive was tough and faced 260 m of hard rock, as well as 100 m of sandy clay to install the 315 mm and 450 mm Iplex pipe with Qenos resin. **T**

## ABOUT MAXIBOR AUSTRALIA

Maxibor Australia is an Australian company, based in Kurri Kurri in NSW, that that began as a family owned business that has continued to grow its key capabilities since 2013, to become a leading integrated services provider for infrastructure projects across Australia.

For more information visit [www.maxibor.com.au](http://www.maxibor.com.au) or [www.maxienergy.com.au](http://www.maxienergy.com.au)

# maxibor

AUSTRALIA

## BRING ON THE HDD SPECIALISTS

Maxibor is using its network of experience to deliver better project outcomes to asset owners and principal contractors alike.



- Quality and collaborative service without the pain**
- Expertise to advise at the right time in the project delivery cycle**
- Rail, road, power, water and sewer, gas, telecommunications, mining and renewables**
- Bore diameters to 1500 mm, hard rock and difficult conditions specialists**
- Build a future we all look forward to**

If you need help with a project contact Guy Angus on 0488 375 552 or at [guy.angus@maxibor.com.au](mailto:guy.angus@maxibor.com.au). For more information visit [www.maxibor.com.au](http://www.maxibor.com.au)