

BRINGELLY PIPELINE

DRIVING SYDNEY'S GROWTH

As Greater Western Sydney prepares for one of the most significant transport transformations in the state's history, critical underground infrastructure must keep pace. The Bringelly Pipeline, delivered by Bothar Boring for WRDT and ultimately Sydney Water, supports Transport for NSW's program connecting Sydney's motorway network and the Sydney Metro Western Sydney Airport.

HEAVY-DUTY PIPE FOR A HIGH-STAKES CORRIDOR

In 2024, Empire supplied 135 metres of CP&P DN1200, OD1480 Reinforced Concrete Jacking Pipe, engineered to meet the demands of trenchless installation beneath an active and rapidly evolving construction corridor. The pipe's robust specification ensured it could withstand the jacking loads and ground conditions associated with installation in support of major road and metro infrastructure.

"Projects tied to nationally significant transport programs leave no room for compromise on pipe performance, and CP&P Reinforced Concrete Jacking Pipe is built to meet exactly that standard," said Aaron Mackley, Director of Sales & Operations at Empire Infrastructure.

AN ACTIVE CONSTRUCTION ENVIRONMENT

The Bringelly works form part of a broader Transport for NSW program delivering four road projects to provide access to future Sydney Metro construction sites. WRDT required a trenchless solution to minimise disruption while maintaining the project schedule. Bothar Boring installed the Jacking Pipe with minimal challenges and in line with project requirements.

BUILT ON RELIABILITY AND PRECISION

Throughout the project, Empire worked closely with the project team to ensure the pipe specification aligned with the installation methodology and the tight sequencing demands of a major transport program.



PROJECT DETAILS

Location: Bringelly, NSW

Contractor: Bothar Boring

Client: Sydney Water

Product: RCP Jacking Pipe

Scope: 135m of DN1200 RCP Jacking Pipe

Stiffness: N/A


Installation: Microtunnelling

The successful delivery of this trenchless section is a testament to the value of an experienced supply partner on projects where schedule certainty is critical.

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