



PROJECT CASE STUDY

CANTERBURY TOWN CENTRE MICROTUNNELING PROJECT

Solution highlights

As project partners, the Clover team provided the supply of our GRP pipe. The technical specifications of the project required a diameter of DN300, with a SN20000 stiffness rating. The total length of the six bores totaled to nearly 500m through sandstone.

The large internal diameter and wall thickness of the GRP pipe lent itself well to Pezzimenti’s free-bore microtunneling method—which does not require a casing pipe in certain soil and application conditions. The method presented a significant cost saving, as the pipe is installed straight into the microtunnel—the lack of casing pipe enabling a significant financial saving and time efficient solution. This outcome also reduced restoration efforts, as there was less construction impact to the street.

Project	Canterbury Microtunnel
Who	Sydney Water
Where	Canterbury, NSW
When	2018
Scope	Manufacture, supply and deliver DN300 GRP Micro-tunnelling solution.



All products were on time and on site when we needed them. They were also fit for purpose: slotting well into the microtunnels we bored for the pipes.

Scott Wells, Pezzimenti Construction Manager

Summary

Our NSW team was engaged to supply GRP pipe for six microtunnels located alongside Sydney's Cooks River, through the suburb of Canterbury.



The purpose of the project was to upsize pre-existing infrastructure, catering for the growing population in the Canterbury community. Engaged alongside both Diona and Pezzimenti, the Clover team worked to source, supply and coordinate the delivery of pipeline infrastructure to the busy Sydney suburb.

The project involved the addition of an extra sewerage line to the pump station—and was completed using the trenchless free-bore method. This unique method was especially beneficial for this application, as it prevented the need to excavate the area for a traditional installation method.

Need help with your next project?

Get in touch.

VIC +61 3 8373 8000

SA +61 8 8120 4600

NT +61 8 7999 8400

NSW +61 2 8279 8000

QLD +61 7 3073 7000

INT +61 3 8373 8000

WA +61 8 6166 6800

TAS +61 3 6111 9500

solutions@cloverpipe.com.au www.cloverpipe.com.au