

GHERINGHAP STREET OUTFALL

PROTECTING GEELONG'S CBD FROM FLOODING

Flooding had long affected Geelong's central business district, with stormwater overload impacting local businesses, residents, and the waterfront precinct. The City of Greater Geelong commissioned the Gheringhap Street Drain to address this, carrying flows from the CBD to a new outfall at Corio Bay.

LARGE-DIAMETER RCP FOR A MAJOR STORMWATER OUTFALL

In 2019, Empire supplied 450 metres of CP&P DN1800 RCP Jacking Pipe and Intermediate Jacking Station Pipes. The installation ran from the Mercer Street end of Gheringhap Street to the new outfall at Corio Bay, with the interjack configuration allowing Rob Carr to manage jacking forces across the full drive.

"A DN1800 microtunnelled outfall through a CBD requires the pipe to be right: correct specification, correct interjack configuration, and on site when the contractor needs it," said Aaron Mackley, Director of Sales & Operations at Empire Infrastructure.

MICROTUNNELLING WITHOUT SURFACE DISRUPTION

The alignment passed beneath active streets, a waterfront carpark, and a skate park, all of which remained accessible throughout construction. The project was completed in 2019 as part of the Revitalising Central Geelong Action Plan.

AN OUTFALL THAT SERVES A GROWING CITY

Empire coordinated pipe supply to align with Rob Carr's tunnelling program, ensuring the full scope and interjack configuration were available without delay. The completed Gheringhap Street outfall has significantly reduced the frequency and duration of CBD flooding events, delivering a long-term benefit to businesses and residents in central Geelong.



PROJECT DETAILS

Location: Geelong, VIC

Contractor: Rob Carr

Client: City of Greater Geelong

Product: CP&P RCP Jacking Pipe with Intermediate Jacking Station Pipes

Scope: 450m of DN1800 RCP Jacking Pipe


Stiffness: Class 4

Installation: Microtunnelling

The project demonstrates Empire's capability to supply large-diameter RCP for complex, high-profile urban stormwater infrastructure across Victoria.

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Contact

 1300 116 664

 www.empireinfrastructure.com.au