PEZZIMENTI TUNNELBORE

Specialising in: Highly Accurate, Laser-Guided Microtunnels

GUNDAGAI CULVERT REPLACEMENT

PHONE | **+ 61 (2) 4735 6676** WEBSITE | **www.pezzimenti.com.au**

GUNDAGAI

CULVERT REPLACEMENT - PIPEJACK METHOD WITH DIGGER ARM

Culvert Replacement with Digger Arm

OUTCOME

Free Pipe

LENGTH	DIAMETER	GROUND	CARRIER PIPE	OUTER CASING
63m	Ø1500	FILL	DN1500 RCJP	N/A

FAILED CULVERT TO BE REPLACED

RMS engaged Pezzimenti Tunnelbore to replace a 1.5m diameter 63m long failing corrugated steel culvert about 10 miles from where the dog sits on the tuckerbox - out of Gundagai, NSW.

The culvert appeared to have been installed in two sections - the latter when the Hume Highway was widened.

A weak point in the centre had collapsed to less than half diameter making it unsuitable for relining or sliplining.

An 1800 diameter jacking shield (sized for a DN1500 Reinforced Concrete Jacking Pipe) was used to surround the failed steel culvert - providing support while the old culvert is removed.

Client / Head Contractor
ROAD MARITIME SERVICES

Location
GUNDAGAI

Length
1 X 63M

Categories
CULVERT REPLACEMENT
BENEATH HIGHWAY
DN1500 RCJP

DN1500 RCJP's

LAUNCHING THE SHIELD

JACKING RCJP'S BEHIND THE SHIELD

The new DN1500 RCJPs were pipejacked (installed) immediately behind the shield to provide continual support of the ground while the old culvert was removed.

The end result is a brand new, concrete water tight culvert in place of a failing corrugated steel culvert without open cutting the highway.

WEAK POINT COLLAPSE IN OLD CULVERT

For more information on this microtunnelling method please contact Pezzimenti to book a presentation session with your team.

INSIDE THE NEW PIPEJACKED CULVERT

NEW CULVERT

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For all inquiries – including Job Inspections, Quotations and Project Feasibilities – please don't hesitate to contact Pezzimenti Tunnelbore. We are confident we'll hit the mark on your next microtunneling project.

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WHEN ACCURACY MATTERS.