

Aberfeldie Stormwater Drainage Improvement Project

Date:

Nov 2015 – June 2016

Location:

Aberfeldie, VIC

Client:

CPB for Melbourne Water

Project value:

\$4.7mil

Project Details:

JAYDO was awarded the Aberfeldie Stormwater Drainage Improvement project by Melbourne Water Framework Partner, CPB.

The project required the installation of a new stormwater drain in Aberfeldie to provide protection to properties from the impacts of flooding during heavy rainfall events. The new drain

is 1.6km long and ranges in diameters from 0.45m up to 2.1m.

Works also included complete replacement of Asphalt for the full road width ensuring Jaydo left the area in a much superior condition than when works started.

With the project being carried out within a residential environment, a key requirement for the client was to minimise impacts of these significant works to the local community. To achieve this, JAYDO worked closely with the City of Moonee Valley, local schools and residents to minimise the effects of construction on the local community and environment.



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Key Challenges:

Construction of the Aberfeldie drain required considerable proactive environment controls due to construction adjacent to the Maribyrnong River. This included insertion of a silt curtain, sheet piling and dewatering control measures.

Jaydo endeavoured to minimise the construction footprint and allow access for residents to their driveways. This flexible approach to the needs of local residents required a range of engineering solutions to enable the construction of shafts and trenches up to 7m deep.

Client Feedback:

Jaydo were able to mobilise multiple crews of plant and personnel to adapt to needs of the project, which reduced the overall construction program, and minimised impact to the community, to the satisfaction of the client.



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