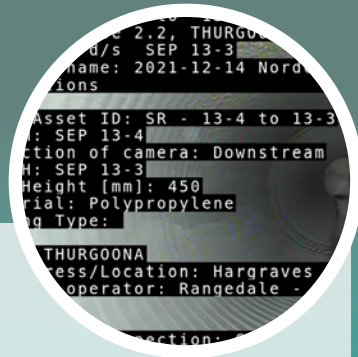




Case Study

StormPRO® under roads



Product: Vinidex StormPRO®

Application: Civil Infrastructure

Contractor: Nordcon Pty Ltd

Local Authority: Albury City Council

Location: Kerrford Park Estate, Thurgoona,
Stages 3 & 4 - Albury, NSW

Project Background

Nordcon in conjunction with Albury City Council, aimed to demonstrate that StormPRO® would be an ideal alternative to traditional materials for using under roads. The end result showed favourable benefits around plastic pipe under load. The development in Kerrford Estate proved the perfect project to demonstrate this as the project had multiple road crossings.

How did Vinidex StormPRO® provide a solution?

StormPRO® Polypropylene stormwater drainage pipe systems are an ideal solution for use under roads. Traditional pipe alternatives are still often being used for stormwater drainage, despite the many challenges it comes with. The long life, ease of installation and sustainable solutions that plastic pipe systems deliver was why Nordcon chose to use StormPRO® PP systems, and this project provided the opportunity to demonstrate these benefits to the Albury City Council (ACC).

In May 2019 Nordcon and Vinidex through Reece were given project approval to go ahead with the install by Albury City Council. Vinidex were on site for the laying of the pipe and observations were that Nordcon's experience working with StormPRO® was quite evident. Although the pipe was laid with speed, due to the light weight nature of the StormPRO® system, the care taken during the installation was clear. Nordcon were given two stages, 3 & 4, at Kerrford Estate to demonstrate the benefits of the StormPRO® system. The installation went smoothly and the estate was open to builders shortly after.

Due to the pandemic, the team were unable to do an evaluation until February 2022. Using the services of a local independent CCTV company to do the assessment of the under-road lines, the results were very pleasing. The installation had very little settlement and in most cases looked like it did the day it was installed. On several lines there was a high amount of build up of site sediment from areas of the estate that hadn't been completed yet. This wasn't to be an issue, as soon as it had been jetted, the hydraulic performance of StormPRO® ensured the flow of debris was washed away which left no sign of being there due to the material having such a high resistance to abrasion.

The demonstration highlighted that StormPRO® is fit for purpose under roads, as the ideal and premium choice for stormwater drainage.

StormPRO® is the superior stormwater solution for residential developments.

