

Case Study: ADS N-12 HDPE Pipe

CAMBRIDGE STREET STORMWATER DRAINAGE UPGRADE

CLIENT: CITY OF STIRLING WA

INSTALLATION DATE: MAY 2014

GENERAL PROJECT INFORMATION

- Concrete pipework along Cambridge Street as part of a significant drainage upgrade.
- ADS N-12 HDPE pipe was selected by the contractor and approved by the council as the best product to meet the needs of the project.
- The light weight, long lengths available (4m and 6.1m) and the use of a press-fit integrated bell and spigot fitting reduced installation time over comparable materials such as concrete, reducing installation time and lowered all associated costs including traffic management.

DESIGN CONSIDERATIONS

- Swift installation required - Cambridge Street is a major thoroughfare and any disruption to traffic would cause significant problems for road users, local residents and businesses.
- Swift project completion required to avoid additional traffic management costs to the council and its contractors.

DESIGN STANDARDS

- Materials used had to comply with the relevant Australian design standards and codes.
- HDPE stormwater pipe as a minimum had to meet AS2566.2.

