

INSITUFORM PACIFIC

CAPABILITY STATEMENT





Mission Statement

To safely and sustainably provide infrastructure for future generations through the creation of valued relationships with clients and communities.



Company Overview

'Killard Group' was established early 2020 and is an umbrella company consisting of two entities – Killard Infrastructure and Insituform Pacific.

Killard Infrastructure is a multi-functional civil construction company who have gained an outstanding reputation in the water utility industry. With over twenty years' experience working with sewer, water and storm water mains, Killard have delivered over 300 successful projects on time and within budget to many satisfied clients throughout NSW and QLD.

In January 2020, Killard Group acquired all the shares in Insituform Pacific Pty Ltd (IPPL). Insituform specialises in trenchless technology and relining technologies and are pioneers in cured-in-place pipe (CIPP) technology, with an installed base of over 40,000 km of CIPP worldwide. The last 50 years Insituform have seen the creation of products, standards and processes that have been instrumental in establishing the trenchless industry today. Killard Infrastructure, along with Insituform, currently have 150 employees, and a total of 210 engaged staff delivering work under the Killard group.

Services



Lining of
Sewer carrier
Mains



Lining of
Storm Water
Networks



Lining of
trunk Water
Mains



Lining of
reticulated
Mains



Non
Destructive
Digging



Manhole
Rehabilitation



Patching



Junction cuts
and sealing



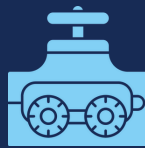
Minor Civil
Works



Culvert
Remediation



Panorama 360°
Manhole Scanning



Asset CCTV
& Cleaning

Safety & Accreditations

Insituform has a strong focus on health & safety for all staff, contractors, clients and residents where the work is being completed. Our fully integrated, accredited management system allows us to ensure that our project specific HSEQ plans deliver the best possible outcome to our clients. We believe that protecting people and the environment generates sustainable value, therefore we actively manage the risks and impacts of our activities.



ISO 45001:2018

Safety Management Systems



ISO 14001:2015

Quality Management Systems



ISO 9001:2015

Environmental Management System



Pipe Shapes & Sizes

- Our CIPP liner ensures ID of pipe is maximized on completion of rehabilitation.
- The liner comes in various thicknesses, sizes and structural elements to meet specific needs.
- All shapes and sizes from 100mm to 2000mm.
- Tunnels / Culverts 300mm to 1500mm.



CIRCLE



ELIPSE



BOX



ARCH/
HORSESHOE



OVAL



RECTANGULAR



OVOID

Condition Assessment Technologies

Insituform Pacific provide an end-to-end solution to renew our client's asset across Australia. We offer services from condition assessment, reporting, design, non-destructive and civil rehabilitation, junction and branch rehabilitation renewal and commissioning. We have and continue to offer the latest technologies providing the most cost-effective rehabilitation solutions along with a superior product to our clients.

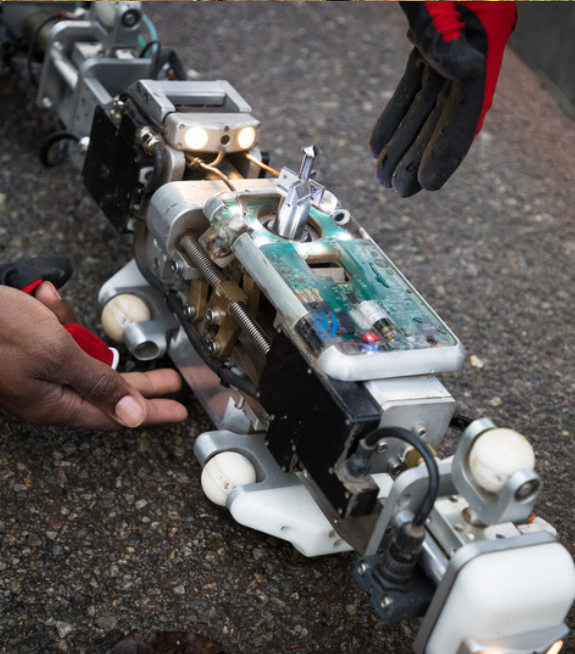


Laser Scanner

- Dimensional scan of internal bore of pipe, drain or culvert
- Showing ovality (out-of-roundness)
- Full length of pipe

Manhole Scanner

- 3D scan of pits and manhole, including lids and surface
- Unfolded view of 3D scan
- Software measurement of pit or pipe features from office and zoom



Robot Grinding

- Robotic cutting and grinding of intrusions, catch points, large roots, offtake connections, property connections, lateral junctions, etc.

Auto Cond Assess

- CCTV condition assessment reporting
- Detecting and listing defects automatically

Design

- Design and construct services
- Structural calculations and assessments
- Inhouse Design of a large range of products we can supply.
- Asset life cycle services

Other Services Provided

- Pipe Cleaning
- Refuse Vacuum
- CCTV Inspection



Pipe Lining

Insituform supply all types of structural liners of various thickness and applications to meet our client's needs.



CIPP Lining

- Cured In Place Pipes
- Steam Cured / UV Cured
- Pulled-in / Inverted
- Fully structural
- Various resins & reinforcement complexes
- 150 – 2000NB

Junction Rehabilitation

- Trenchless solution
- Sealing of house connections
- Sealing of junctions
- Sizes 150mm – 300mm

Pipeline Patching

- Sizes 150mm – 1250mm
- Multiple trenchless applications

Polyflex

- Reduced OD pressure pipe renewal
- New pipe is compressed through dies
- Pipe inserted into aged host pipe
- New pipe grows back to original size
- Tight fit inside aged host pipe
- No grouting between host and new pipe

Titeline

- Reduced OD pressure pipe renewal
- Wire cable sent through host pipe & attached to liner pipe
- Wire cable pulls internal pipe through roller reduction box
- Liner pipe compressed radically
- Tension released – liner expands
- Tight fit against internal wall of host pipe.

Polyfold

- Folded pressure pipe renewal
- New pipe is folded into C shape
- Pipe inserted into aged host pipe
- New pipe pressured back to original size
- Tight fit inside aged host pipe
- No grouting between host and new pipe



Thermopipe

- New pressure pipe renewal
- New specially reinforced hose inserted into aged host pipe

Slip Line

- New pressure pipe renewal
- New Pipe inserted into aged host pipe
- Continuous or segmental pipes
- Space between host and new pipe
- Grouting between host and new pipe

iMain

- Cure in Place Pipe Liners
- Installations for Pressure Pipes
- Steam Cured / Water Cured
- Inverted
- Various resins for different pipe types
- Able to be designed to withstand various pressures

Insitumain for water

- CIPP Technology specifically engineered for drinking water pipelines
- Renewal of distribution & transmission water mains upto 2.4metres
- Water pressure Renewal
- Cure with hot water

iPlus composite

- Carbon / Glass fibre reinforced CIPP
- Laminate design reduces pipe wall thickness by half
- Increases pipe smoothness / reduces surface friction
- Provides additional corrosion barrier for pipe
- Less environmental footprint

iPlus Glass

- Sizes 150mm – 1200mm
- Requires less resin
- Provides higher mechanical properties
- Thinner laminate – increases flow capacity
- Glass installation is quieter, faster & less disruptive
- Less environmental footprint

iPlus Infusion UV

- UV felt CIPP for trenchless sewer rehabilitation
- UV light used to cure
- Design life of 100 years
- 30% less expensive than traditional glass-reinforced UV materials
- Shorter installation cycle time
- Less environmental footprint



Projects

P4S - SEWER/STORMWATER REHABILITATION PROGRAM (BUNDLE 17)

Cofluence Water

 Design & Build Dates Jan 2021 - Nov 2021

 Contract Value \$14M approx.

Pipe Size & Length:

- DN150-300 x 10,000 metres



QUEENSLAND SUGAR LIMITED WASTE WATER REHABILITATION

Queensland Sugar Limited

 **Design & Build Dates** May 2021 – Jun 2021

 **Contract Value** \$450,000 approx.

Pipe Size & Length:

- Varying pipe sizes: 300mm – 1150mm
storm water inversion liner



YORK STREET OVOID SEWER REHABILITATION

City of Yarra

 **Design & Build Dates** Jul 2021

 **Contract Value** \$207,000 approx.

Pipe Size & Length:

- 140m of 1350mm Ovoid



- Boiler Trucks
- CCTV Vans
- Sealing Trucks
- Cutting Trucks

- Jetter Truck
- Tool Trucks
- Fridge Trucks
- Utility Trucks

- Excavator
- Civil Trucks
- Combo and
- Vac Trucks



Our People

Insituform Pacific have a fantastic National Management team with individual branches in New South Wales, Victoria and Queensland. These branches are made up from operations managers, project managers, engineers, site supervisors and our field crew which enable us to provide services to all areas of Australia.



Jerry Daly

Managing Director

- Established Killard Infrastructure in 1999
- Attained Insituform Pacific in January 2020
- Over 40 years' experience within the Construction industry

Our Project Partners

Government/Council



Construction/Private Enterprise



Water




Get in touch



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