

RESTRAIN™

Case Study

Static Pipe Bursting – Joll Road, Havelock North Sewer Project

Sewer Upsizing – DN300 RESTRAIN

Joint Venture Contractors Infracon and East Coast Utilities of Hastings completed installation of 300mm RESTRAIN PVC Pipe for trench-less installation, using Static Pipe Bursting technology.

The project required renovation and upsizing of an existing 150mm steel-reinforced Concrete gravity sewer pipe with a new DN300 RESTRAIN PVC gravity sewer pipe.

RESTRAIN was installed by Static Pipe Bursting, using an ITT 800G Hydraulic bursting rig. The pipeline passed beneath existing homes and their foundations, with pipe invert at a depth of 2.5m.

The contractors chose RESTRAIN because it could be manufactured in special lengths to suit their equipment and launch pit size was minimized.

When using RESTRAIN pipe strings are not required, therefore the construction site footprint can be minimized allowing the public to maintain access to their properties.

The installation took place during April 2009.

Contractor;	Infracon Ltd, Hastings. Eastcoast Utilities Ltd, Hastings.
Council;	Hastings District Council.
Design Consultant;	MWH, Hastings.

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The ITT 800G bursting rig pulling pipe into position



DN300 RESTRAIN, 3m lengths



RESTRAIN pipe tools in action

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