



# PROJECT OVERVIEW

## Corroded Steel Pipe StifPipe Relining

**Location: Innisfail, QLD**

**Client: Department of Main Roads and Transport**



### ■ PROBLEM

Department of Main Roads and Transport had a deteriorated twin cell 3000mm dia x 7.5m long each CSP showing signs of deformation and deterioration.



### ■ SOLUTION

QuakeWrap was selected to design and supply its Structural StifPipe solution to take all existing loads from the existing host.



### ■ TECHNICAL HIGHLIGHTS

This was the largest diameter ever made!.Light weight 2m sections were built in Cairns and shipped to site. Each of the 8 x Pipe sections were pushed through by hand. The StifPipe was designed to maximize capacity with a +2600-2800mm ID pipe and a 50mm annulus was used to help miss the existing Armco bolt heads. The annulus was filled with high flow grout and ends sprayed with concrete.



### ■ CUSTOMER TESTIMONY

*"Due to the severity of the deterioration and ability to make the biggest pipe possible we chose the StifPipe System "* – Maintenance manager, Roadtek